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Francesco Isotta and Barbara Scherrer

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Introduction

This document provides climatological information required for the long term planning of flight operations at the airport of Zurich. The report is divided into two parts. In part A the the important meteorological patterns of the region are introduced. The second part B presents the data in forms of tables and graphics, allowing a direct view of the information. The statistics were generated from recorded data, following the ICAO recommendations on aeronautical climatological information (Convention on International Civil Aviation, Annex 3). However, they are more detailed and enriched. The data is based on the half-hourly (measured at :20 and :50) Aviation Routine Weather Report (METAR) collected over a span of 27 years, ranging

from 1 January 1994 up to 31 December 2020.

All time information is given in UTC.

No scientific climatological conclusions should be drawn from this report, since the quality of METAR data might not satisfy climatological requirements.

This document “Aeronautical Climatological Information Zurich (LSZH)” may only be used by

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A Climatology

1 Meteorological Patterns

1.1 Westerly Flow

1.1.1 Synoptic Overview and Associated Weather

Westerly flow is the dominant one among the four flow or advection patterns described here. This is true in respect of frequency and wind speed. The westerly flow pattern is typically associated with the frequent changes from warm to cold air masses and vice versa, which is connected to the passages of frontal zones. The activity depends on the wind speed, the humidity of the air mass and its stability, as well as the altitude and the structure of the mountain range, the air mass is flowing across. The northern alpine ridge and the Jura is especially exposed to the changeability of this flow pattern. In the cold season, westerly flow situations may cause strong storm events with gust up to 70-80 kts in very severe events (e.g. storm “Lothar”). The south side of the Alps enjoys a certain protection during the whole year, the south-western part of Switzerland and the Valais only in the summer.

1.1.2 Season of Encounter

This pattern may appear at any time of the year, but is more frequent during the winter season than in summer. The reason for this is the more frequent development of strong depressions in the colder seasons due to an increase of the temperature difference between warm and cold air masses at the Polar Front.
The weather is usually unsettled and windy (even sometimes with gales during “winter storms” from October to March), due to the succession of warm and cold fronts with dry intervals in between. In March and April westerly flow brings characteristically unstable weather. Westerly winds are generally stronger in the eastern Central Plateau compared to the western Central Plateau, which is occasionally protected by the Jura (especially for westerly to north-westerly currents). In addition, in eastern Switzerland westerly winds near surface are more frequent than in western Switzerland because of the flow split (Alps acting as barrier) of northerly and north-westerly winds. In such cases, the so called “Bise” affects western Switzerland whereas the eastern part of Switzerland has westerly or north-westerly winds.

1.1.3 Local Weather Phenomena

Front Passes over Cold Air Pool of the Swiss Plateau (LSZH, LSZB, LSZG, LSZR, LSGG)
In winter, after a period of high pressure, a shallow layer of cold air forms on the Swiss Plateau, frequently topped by a layer of stratus (inversion with low clouds). The westerly flow regime starts then with the arrival of a low pressure system and its first front (usually a warm front), preceded by westerly

winds. It first passes over the pool of cold air on the Central Plateau and in general the warm air glides onto the cold air masses in front of the warm front. This causes frontal precipitations (typical for warm fronts), which falls into the old humid and cold base layer and virtually saturates this cold air, leading to poor visibility (drop from 2000 - 3000 m to 1000 m or even below). After the passage of the warm front, i.e. when the warm air has also become established in the lowlands and the the cold air is evacuated towards north-east, the visibility increases remarkably. After the following cold front the visibility is usually very good or even excellent.

Front Passes over Cold Air Pool of the Rhone Valley (LSGS)

In winter, after a period of high pressure, a shallow layer of cold air forms on the Rhone Valley. The westerly flow regime starts then with the arrival of a low pressure system and its first front (usually a warm front), preceded by westerly winds. The evaluation is similar as for the Swiss Plateau (gliding onto the cold air in the Rhone Valley, precipitation and poor visibility followed by good to excellent visibility after the warm front).

Freezing Rain (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)

The rather rare occurrence of freezing rain is associated with two situations: 1) The one just described in the paragraph above (warm front): Temperatures below the freezing point in the thin cold air layer near the ground and very high freezing level in the warm air above, where snow converts to rain. 2) Warm and moist westerly winds with precipitation (rain) in higher levels and cold “Bise” with temperature below 0 degrees near the ground. The meteorological conditions for this weather phenomenon hardly occur in the southern part of the Alps.

Snow (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)

In situations of a warm front with a low freezing level (2500 – 4000 ft / msl), precipitation frequently starts as snow, passes through the cold air mass below and reaches the ground in this form. With the approaching warm front the freezing level rises and after 2 – 3 hours snow turns into rain. With the exception of the southern side of the Alps, snowfall frequently occur also behind cold fronts, then mainly in the form of snow showers, although north-westerly to northerly winds then prevail.

In Zurich, Bern, Grenchen, St. Gallen-Altenrhein snowfall occurs usually from November to April with two maxima in December and February. In Geneva snowfall occurs usually from November to April with a maximum from December to February. In Lugano snowfall occurs from November to March but is mainly observed from December to February. In Sion snowfall occurs usually from November to April with a maximum in January and February.

Thunderstorm (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)

In summer the Jura and the alpine foothills reinforce the thunderstorm activity along a cold front coming in from the west. While the thunderstorms are especially active near the mountain range, they may also affect the area of the airports.

Joran Wind behind a Cold Front (LSZG, LSGG)

Of particular regional interest is the phenomenon of the north-westerly wind after a cold front pass. The Jura chain acts as a barrier to the arriving cold air, which accumulates in the surface layer windward of

the mountain. A pressure-surplus is caused, until the cold air is deep enough to surge over the barrier. It is often accompanied by a band of pileus-like clouds covering the top of the Jura. The resulting Joran wind on the leeside reaches the runway of Grenchen as a gusty crosswind. These gusts vary between 320 and 010 degrees and may reach 40 kt in extreme situations, but usually range between 15 to 25 kt. The Joran wind usually lasts only for a few hours.

1.2 Northerly Flow

1.2.1 Synoptic Overview and Associated Weather

The northerly flow pattern combines air mass advection from the north-west and north. Typical for this situation is the marked difference in the type of weather between the western and eastern parts and especially between the northern and southern parts of Switzerland. On the continental and the regional scale the northern and the eastern areas of Europe are influenced by more cloudy and rainy weather (cyclonic character). The western and southern parts benefit from the influence of the following anticyclone, because these parts are further away from the dominating depression. The southern regions are favourably influenced by the Nordfoehn, mostly leading to sunny weather conditions. Below 2000 m a flow split into north-east (“Bise”) in the west and into north-west in the east of the Swiss Plateau is often observed.

1.2.2 Season of Encounter

This pattern is more frequent in winter and spring, often occurs after a westerly flow and usually leads to a north-easterly flow regime (“Bise”).

1.2.3 Local Weather Phenomena

Barrier Clouds and Precipitation (LSZH, LSGG, LSZB, LSZG, LSZR)
Due to the barrier effect of the Alps the northerly flow gets blocked over the Swiss Plateau, the pressure increases and the air mass rises over the Alps. A closed cloud layer occurs above the Swiss Plateau with the lowest ceiling close to the Alps, accompanied by precipitation along the northern mountain range and in eastern Switzerland. Visibility can be poor in the region of the airport Zurich and Bern due to the stationary clouds and precipitation and even thunderstorms are possible. With low temperatures precipitation falls as snow and often in large amounts and for several hours. The region of the aerodrome Grenchen is situated on the leeward side of the Jura, which positively affects the visibility and height of the ceiling during these situations. However, the gusty wind remains prominent. Visibility is poor in the region of the aerodrome St. Gallen-Altenrhein especially south towards the Appenzellerland and Alpstein massif due to the stationary clouds and precipitation. With low temperatures the precipitation falls as snow – often in large amounts and for several hours. Geneva airport is located on the lee-side of the Jura. This makes pattern less intense since a katabatic wind effect tends to evaporate some of the precipitation and decreases the cloudiness in this region (especially for northwesterly winds, less for northerly winds). However, visibility can be poor due to the stationary clouds and precipitation and even thunderstorms are possible. With low temperatures precipitation falls as

snow and often in large amounts and for several hours. Sion airport is located on the leeward side of the high peaks of the Bernese Alps and is thus in a protected situation (especially for northerly winds, less for north-westerly winds). This makes the pattern less intense since a katabatic wind effect tends to evaporate some of the precipitation and decreases the cloudiness in this region. Therefore, the weather in the valley is often fine with a well-developed valley wind.

Northerly Foehn (LSZA)
The north flow across the mountains causes a north Northfoen south of the Alps and a pressure gradient between the northern (higher due to barrier effect) and southern part of the mountain range. The dry northern foehn is very turbulent and the gusts are usually 2 to 4 times higher than the average wind speeds. Gusts of 30 to 40 kt are not uncommon, in extreme cases gusts up to 50 to 60 kt are possible. Nordfoehn is the strongest wind on the south side of the Alps.

Thunderstorm (LSZA)
Situations with Foehn in summer trigger a convergence line near the borders between Switzerland and Italy. Thunderstorms frequently develop along this convergence line.

1.3 Easterly Flow

1.3.1 Synoptic Overview and Associated Weather

The easterly flow pattern develops after a significant pressure gradient from north-east to south-west across the Alps has been built up. In Switzerland the type of weather connected with this situation has usually an anticyclonic influence. However, in cases of a northern position of an active Mediterranean depression, cyclonic influence is dominating. The plains on either side of the Alps (above all the north side) may be under a cover of low stratus combined with a persistent inversion and dry, subsiding air above the low clouds (elevated fog or stratus). The continental easterly wind called “Bise” accelerates over the Swiss Plateau between the Jura and the Alps and achieves its maximum speed at the “bottleneck” of Geneva. However, “Bise” is not exclusively associated to an easterly flow weather type.

1.3.2 Season of Encounter

This pattern is very frequent in winter and spring, rarely occurs in summer and can last for several days. It is less frequent than westerly, northerly or southerly flow.

1.3.3 Local Weather Phenomena

Low Stratus (LSZH, LSZB, LSZG, LSZR, LSGG, LSGS)
In late autumn and winter the typical situation with elevated fog or stratus up to 2000 m occurs in the cold air pool of the Swiss Plateau. The “Bise” gets canalized between the Jura and the Alps. Because of the “bottleneck” in the Geneva region, the wind speed is generally increased. The elevated fog situation can last for several days and mainly occurs in autumn and winter with the highest probability

in December and January. Above the fog or stratus layer the atmosphere is dry due to anticyclonic influence. The stratus may even enter sometimes the Rhone Valley (Sion). Usually it dissipates rather quickly during the day.
In spring and summer the easterly flow usually is associated with fair weather due to the dry and frequently warm continental air mass.

Low Stratus (LSZA)
In situations with a high pressure system moving from west to east relative cold air comes to the Adriatic via Hungary and Slovenia. Over the sea the cold air is enriched with moisture and causes the high fog over the Po Valley and the slope of the Alps, with stratus clouds ceiling mostly between 3500 – 5000 ft. During winter this stratus may last during the whole day. In summer it usually dissipates during the first hours of the morning. A persistent overcast sky rarely occurs; nevertheless stratus situations (with a diurnal cycle) can last for several days. Above the stratus layer the atmosphere is clear due to anticyclonic influence.

Wind (LSZH, LSZG, LSZR)
Strong “Bise” flow leads to a clear north-eastern wind component between 050 and 090 degrees in the whole Swiss Plateau. Due to the flow split, the western part of Swiss Plateau (Grenchen) has also “Bise” in situations with northerly and north-westerly flow regimes whereas is less frequent in the region of the aerodrome St. Gallen-Altenrhein. In Zurich the flow split leads to north-westerly wind with an increasing northern wind component when the high pressure system is moving eastwards. During situations with “Bise” in the other parts of northern Switzerland the wind at the aerodrome may first show a north-westerly component. With moving of the high pressure further to eastern Europe the wind direction then veers to northeast and east.

Wind (LSGG)
With north-easterly exposure, “Bise” is significantly stronger in the Lake Geneva area and especially in Geneva than in the rest of the Central Plateau due to the canalisation effects between the Alps and the Jura. “Bise” can reach gale force in Geneva, especially from November to April. Peak gusts over 50 kt are possible.

1.4 Southerly Flow

1.4.1 Synoptic Overview and Associated Weather

Southerly flow patterns are considerably rarer than the northerly ones that also belong to the meridional flow types. The activity of the southerly flow pattern is sustained by a surface depression over the eastern Northatlantic and western Europe. The west to east orientation of the Alpine ridge causes the development of Foehn winds on the leeward side combined with a strong pressure gradient from south to north. Foehn situations are often associated with the southerly flow. The usually dry “Foehn weather” to the north of the alpine ridge is in striking contrast to the humid weather along the southerly slopes of the Alps. In the classic Foehn valleys wind can be very strong, and gusts up to 70-80 kt are

possible in the most severe cases.

1.4.2 Season of Encounter

The southerly flow pattern is very frequent in autumn and spring, less frequent in winter, but sometimes occurs even in summer. Since Foehn winds may also develop in other synoptic situations like south-easterly and westerly flow patterns or in a low pressure system, southerly Foehn winds are more frequent than just the southerly flow patterns.

1.4.3 Local Weather Phenomena

Southerly Foehn (LSZH, LSZR, LSGS)
With southerly flow the alpine ridge acts like a barrier. This results in clouds and precipitation on the windward side and a so called Foehn wall forms in the region of the mountain crest. In the Foehn valleys it is mostly warm, windy and dry with high visibility.
When the pressure gradient is big enough, the warm and dry Foehn influences the central and eastern plains of Switzerland. If there is no cold air pool in the plains and thus most likely in summer, the Foehn can even reach those areas, e.g. also Zurich. If there is a persistent cold air pool, the southerly wind can be observed at least at higher levels, above the inversion layer.
When the pressure gradient is big enough, the warm and dry Foehn influences also the region close to the aerodrome St. Gallen-Altenrhein with a southerly wind direction. Strong Foehn events with gusts up to 65 kt leads to heavy turbulence along with cross winds. In the cold season the build-up of a mesoscale low south of the aerodrome towards the Alps together with a cold air pool in the basin of Lake Constance may lead to changing visibility conditions associated with changing temperature and wind conditions at the aerodrome St. Gallen-Altenrhein – depending on which air mass is experienced at the aerodrome (cold and moist air from the north or warm and dry from the south).
When the pressure gradient is big enough, the warm and dry Foehn influences the Rhone Valley (Sion), where the wind comes from east to northeast to the direction of the valley. The region of the airport Sion experiences gusts of up to 50 kt. Due to a stable layer close to the ground the Foehn sometimes does not reach the runway during the night and morning. But only a few hundred feet above the runway a strong easterly flow is maintained. With degrading stability during the day or with increasing wind speed the Foehn at the airport Sion may “break in” severely. Approaching fronts from the west usually are slowed down and the sky keeps relatively clear in the Foehn areas.

High Temperatures (LSZH, LSZR, LSGS)
The warm and dry Foehn wind increases the temperatures north of the Alps. There are higher temperatures measured in Zurich than south of the Alps. This might affect the performance of the engines.

Barrier Clouds and Precipitation (LSZA)
With southerly flow the alpine ridge acts like a barrier. The humid air mass, which comes from the Mediterranean Sea, flows over the Alps. Humidity condenses to clouds and causes precipitation on the windward side. Precipitation can last for several days (sometimes even weeks) and may cause considerable amounts of precipitation during short time. The cloud cover can be very persistent with a low ceiling. Visibility near the ground is also poor (1500 to 3000 m or even less, during periods

with high precipitation intensity). Since embedded thunderstorms can develop over the region, large amounts of precipitation can be observed with this weather situation.

1.5 Flat Pressure Pattern

1.5.1 Synoptic Overview and Associated Weather

Flat Pressure Pattern with Thermal Thunderstorms

Flat pressure leads to a weak or nonexistent synoptic flow. In contrary to the anticyclonic regime there is only little or no subsidence, which leads to a high chance of convection. In the indifferent situation of this pattern the weather shows a distinct diurnal variation: after sunshine during the first half of the day, deep convection clouds are building up. Thermal thunderstorms are induced. Winds aloft carry the upper sections of convective clouds away from the place of formation. Thunderstorms induced by these thermal and orographic conditions show an irregular pattern in the distribution of the total amount of precipitation. Great differences may be observed within a distance of only a few kilometers!

Flat Pressure Pattern with Frontal Thunderstorms

The continuous warming of the land mass in flat pressure situations increases the temperature difference between the continent and the adjacent sea surface. This creates a pressure gradient between the continent and the ocean. In summer this repeatedly leads to outbreaks of cool and moist maritime air masses towards the Alps. With reference to the similar, but more pronounced situation in southern Asia, the above development has been named ‘European Summer Monsoon’. Thunderstorms which develop in the immediate vicinity of such an outbreak of cold air are called frontal thunderstorms. If the passage of the cold front happens to coincide with the time of greatest diurnal warming or just after, the activity of the frontal thunderstorms is again increased.

1.5.2 Season of Encounter

Synoptic situation with a small horizontal surface pressure gradient over large parts of a continent are most frequent during the summer, since temperature differences between polar and tropical region are smallest in this particular season. This pattern usually lasts for several days.

1.5.3 Local Weather Phenomena

Convection (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)

During hot days a lot of warm air bubbles are lifted and rise up to the condensation base, where they turn into cumulus clouds. Associated with convection clouds moderate to severe turbulence and wind shear occur. Cumulus congestus may rise quickly up to the tropopause. Typically cumulonimbus capillatus (CB) with anvil produce thunderstorm. As a rule-of-thumb, the difference between dew-point and temperature multiplied by 400 equals the cloud base height in feet.

Thunderstorm (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)
Thermal thunderstorms occur due to convection at the end of the day while frontal thunderstorms happen at any time of the day. Very heavy thunderstorms are the result of a line of frontal thunderstorms which reach a convecting air mass during the late afternoon in summer. Thunderstorms are accompanied with different aviation hazard, such as heavy rain with reduced visibility. Occasionally precipitation also falls in the form of hail which can damage the structure of an airplane. Wind shear, strong gusts up to 70 kt and strong up and down droughts occur near the thunderstorm.

Downslope Wind During Convection Events (LSZG)
In summer during the late afternoon a down slope wind from the Jura may start to blow with increasing speed in the evening. It reaches the runway of Grenchen with gusty crosswinds. These winds are usually caused by the outflow of old convection cells in the Jura mountains. A mesoscale high pressure area on ground level is built up in the Jura while relative low pressure is found in the region of the lakes (Biel, Neuchâtel and Murten).

High Temperatures (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)
This weather pattern is normally accompanied by very high temperatures in summer. The density of hot air decreases and this leads to a dangerous decrease of the engine performance, too.

1.6 High Pressure Pattern

1.6.1 Synoptic Overview and Associated Weather

This pattern normally produces favourable conditions for aviation because of the influence of an anticyclone with strong subsidence. That sinking process increases the temperature of the air masses due to compression. The relative humidity decreases and clouds dissolve. Warm anticyclones are accompanied by distinct flow patterns aloft. On continental scale this prevents cyclones and frontal zones to enter regions with anticyclones.

High Pressure Pattern in Summer
The atmospheric pressure is higher than the average values and only few convective clouds are produced. The convective clouds are mostly limited to mountainous regions. Over the Alps of Switzerland a thermal low can be observed. It is caused by the excessive heating of alpine air during the day in comparison with air over the plain at the same height. The daytime heating is clearly stronger on the valley bottom than at higher levels. In this season the Azores high can also expand up to central Europe and guarantees high temperatures and clear sky for several days or even weeks.

High Pressure Pattern in the Colder Seasons
From November to March maintained anticyclonic conditions repeatedly occur over the continent. After several days of subsidence a very strong temperature inversion is formed, which is a few hundred meters thick and a persistent stratus can form. The negative radiation balance of the surface during

the winter half year prevents the subsidence from reaching the lowest atmospheric layer.

1.6.2 Season of Encounter

High Pressure Pattern is observed at any time of the year and can last between one day and several weeks. They usually last longer in summer and winter, because approaching deep Atlantic cyclones in spring and autumn degrade the ridge of the high pressure. In summer this pattern often degenerates to a flat pressure pattern with air mass thunderstorms.

1.6.3 Local Weather Phenomena

Radiation Fog (LSZH, LSZB, LSZG, LSZR, LSGG)

In the colder seasons during clear and calm nights a radiation deficit occurs over the ground due to the negative long wave radiation budget. Temperature over the ground decreases as a consequence. The visibility in areas with radiation fog can drop from 800 – 1000 m to 100 – 200 m quite rapidly. The important conditions for radiation fog are clear sky, low wind speed and high relative humidity.

The region of the airport Zurich fulfills these conditions in the cold seasons very often. The airport is placed in a flat basin with moderate hills. There are two important moisture sources (the moorland Neeracherried in the north and the river Glatt in the west). In the past the airport area used to be a moorland with marsh. Radiation fog is an often observed phenomenon in this region and occurs usually between September and March. There is a high chance for no dissolution during the whole day from November to mid February. Also in summer formation of radiation fog can not be excluded during the night, especially in the early morning.

Radiation fog is an often observed phenomenon in the region of the airport Bern and occurs usually between October and March. There is a chance for no dissolution during the whole day from November to January. Also in summer formation of radiation fog can not be excluded during the night, especially in the early morning.

Grenchen aerodrome is situated in a small basin between the Jura and the Bucheggberg. The area used to be marshland and is close to the river Aare and the lake of Biel. Therefore, the conditions are quite favourable for radiation fog. Radiation fog is an often observed phenomenon in the region of the aerodrome Grenchen and occurs usually between September and March. There is a chance for no dissolution during the whole day from November to February. Also in summer formation of radiation fog can not be excluded during the night, especially in the early morning.

St. Gallen-Altenrhein aerodrome is situated between the large basin of Lake Constance (fog prone) close to the lake and the entrance to the Rhine valley (less fog prone). Fog is therefore observed in the region of the aerodrome and occurs usually between October and March. There is a chance for no dissipation during the whole day from October to mid February. More often than fog, low stratus is observed in St. Gallen-Altenrhein, when the water of the Lake Constance is still relatively warm, compared to the air, and the lowest layers of air above the lake surface (and its surroundings) are heated up.

South of the Alps these conditions are usually fulfilled during the first night with clear sky after a period of precipitation. The formation of radiation fog, which is not connected to a precipitation event, is rarely observed in the region of the airport Lugano. It may occur when radiation fog from plains of the Po river, where this phenomenon is frequently observed, moves toward the Alps caused by a small pressure

gradient. This fog rises into the valleys on the southern part of the mountains. The visibility in areas with radiation fog can drop quite rapidly from 800 – 1000 m to 100 – 200 m. In Lugano radiation fog is observed during the whole year, but mainly occurs from October to February. Fog does not usually last for the whole day but concentrates on the morning and evening hours. Even in winter, there is a high chance for fog dissipation during the late morning or afternoon hours.
The region of the Geneva airport fulfills the conditions of clear sky during the night, low wind speed and high relative humidity in the cold seasons quite often. The airport is placed in a flat basin. Radiation fog is therefore an often observed phenomenon in this region and occurs usually between September and March. There is a low chance for no dissolution during the whole day from November to the middle of February. Also in summer formation of radiation fog can not totally be excluded during the night, especially in the early morning.
In the lower level of the Rhone Valley (Sion), fog is observed rarely. It is restricted to the cold season and usually dissipates quickly after sunrise.

High Temperatures (LSZH, LSZB, LSZG, LSZR, LSZA, LSGG, LSGS)
This weather pattern is normally accompanied by very high temperatures in summer. The density of hot air decreases and this leads to a dangerous decrease of the engine performance, too.

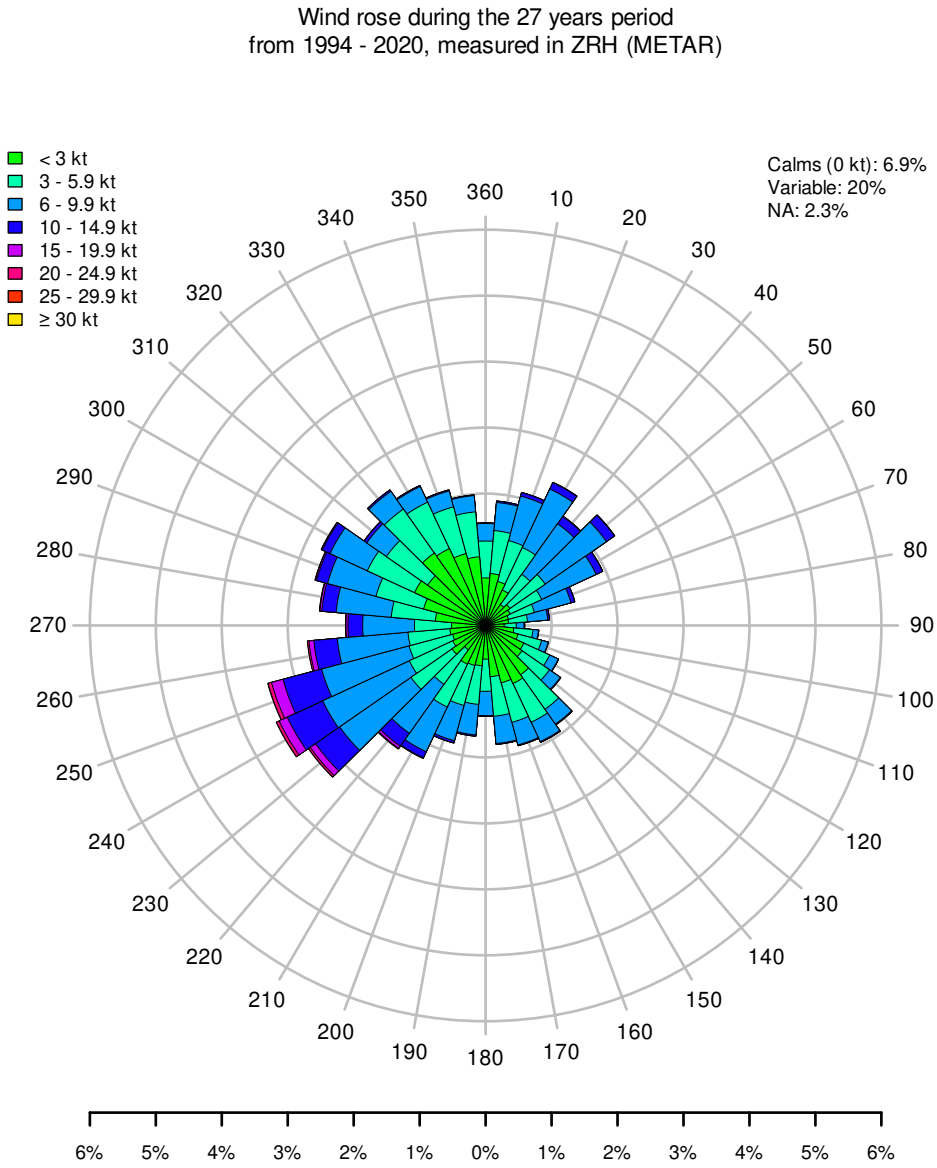
B Tables and Graphics

1 Wind

1.1 Wind Rose

The frequencies in percent of occurrence of specific ranges of wind speed and wind direction are illustrated in the wind rose. The wind direction is divided into 10° sectors. The wind speed is classified into 8 ranges, shown in the legend. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs.
The cases with a wind speed of 0 kt are included in the value of calm. Variable consists of wind speeds $<$ 3 kt with a total wind direction variation $\geq$ 060° and $<$ 180° or higher wind speeds with a total wind direction variation $\geq$ 180° .

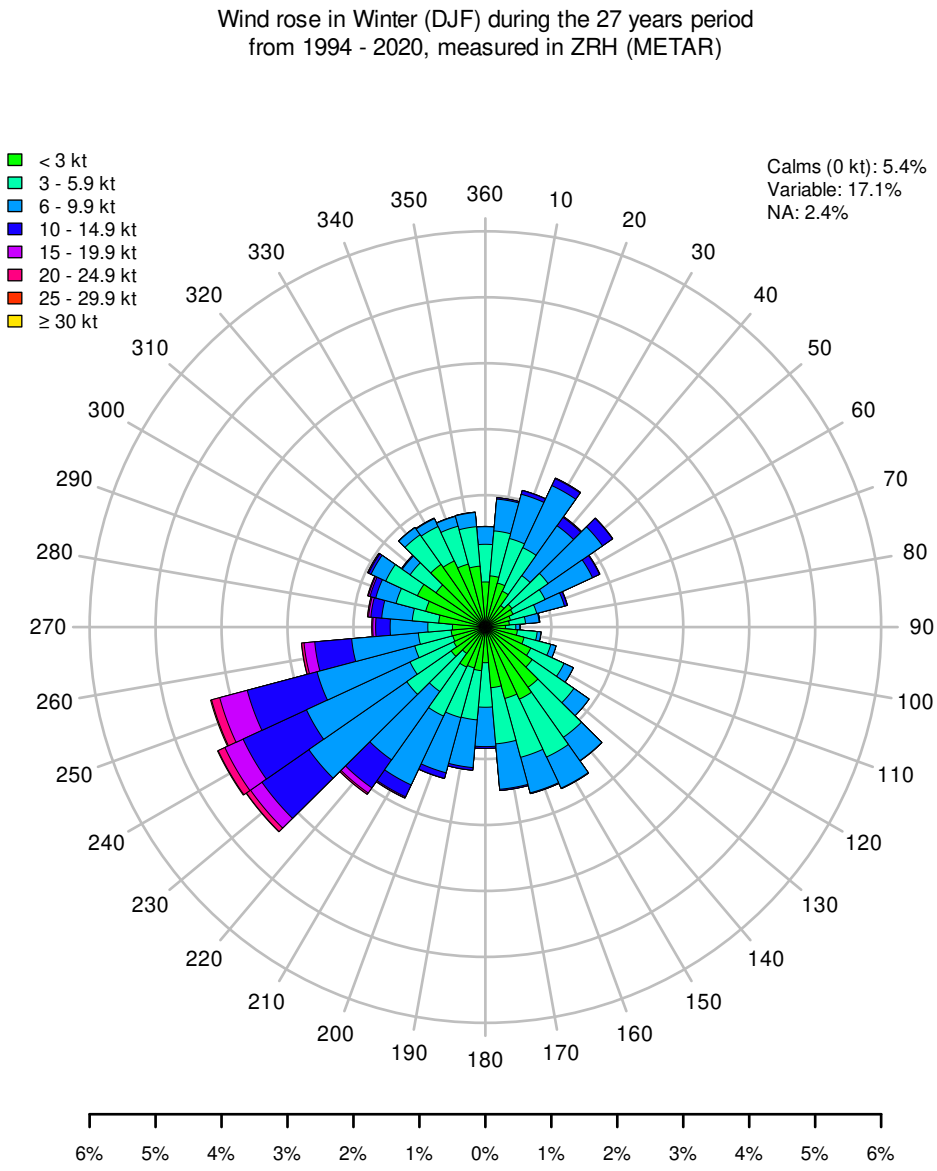
1.1.1 Wind Rose 27 years



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.9% of all available METARs showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

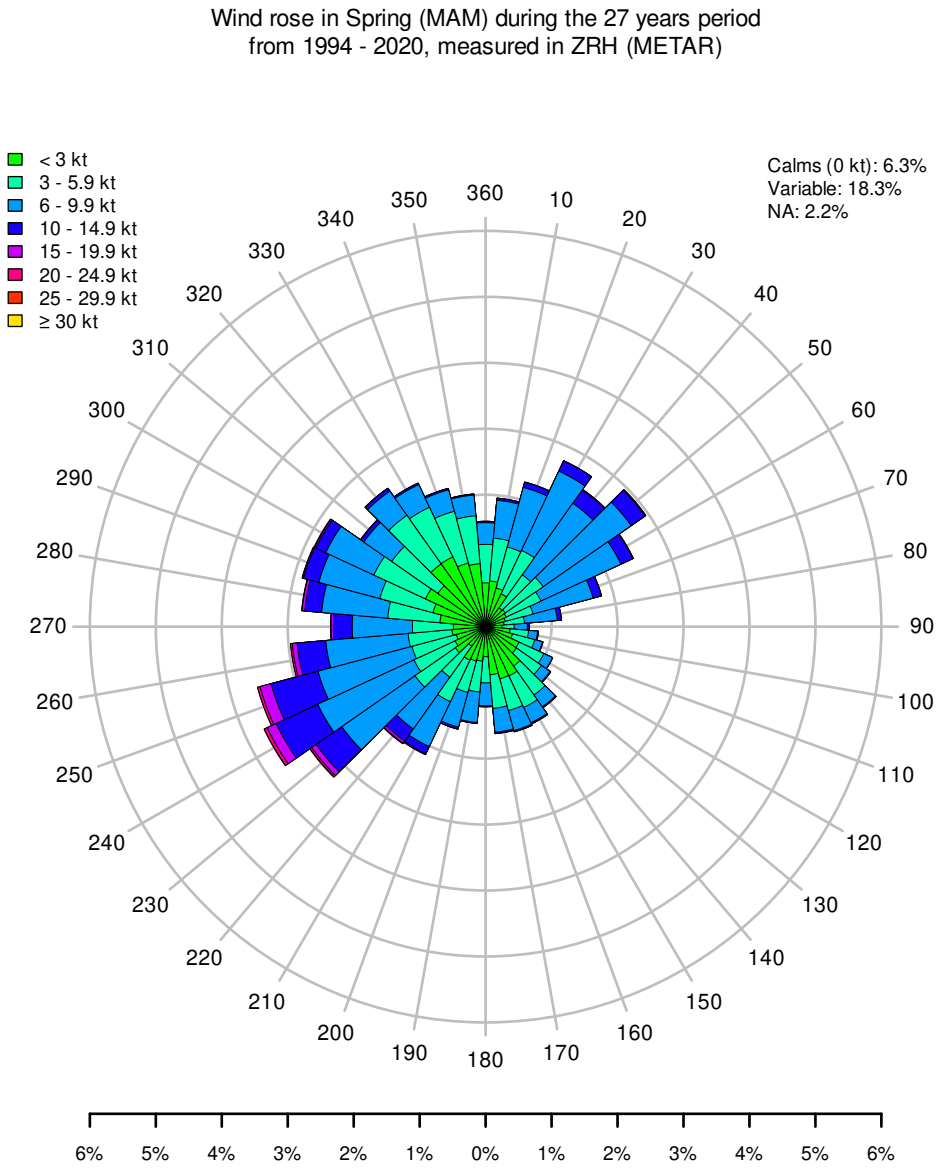
Figure 1.1.1: Wind rose 27 years.

1.1.2 Wind Rose per Season



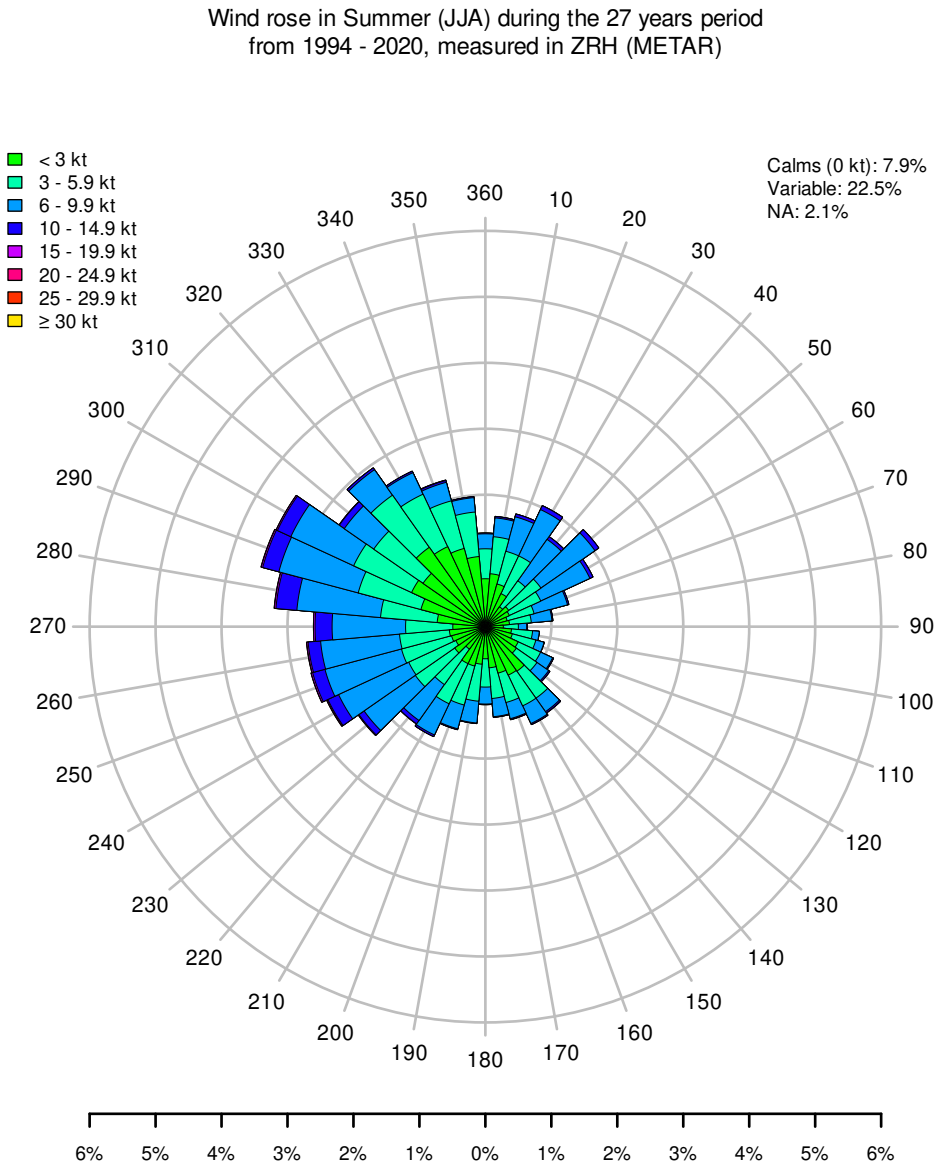
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.9% of all available METARs in Winter (DJF) showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.2: Wind rose Winter.



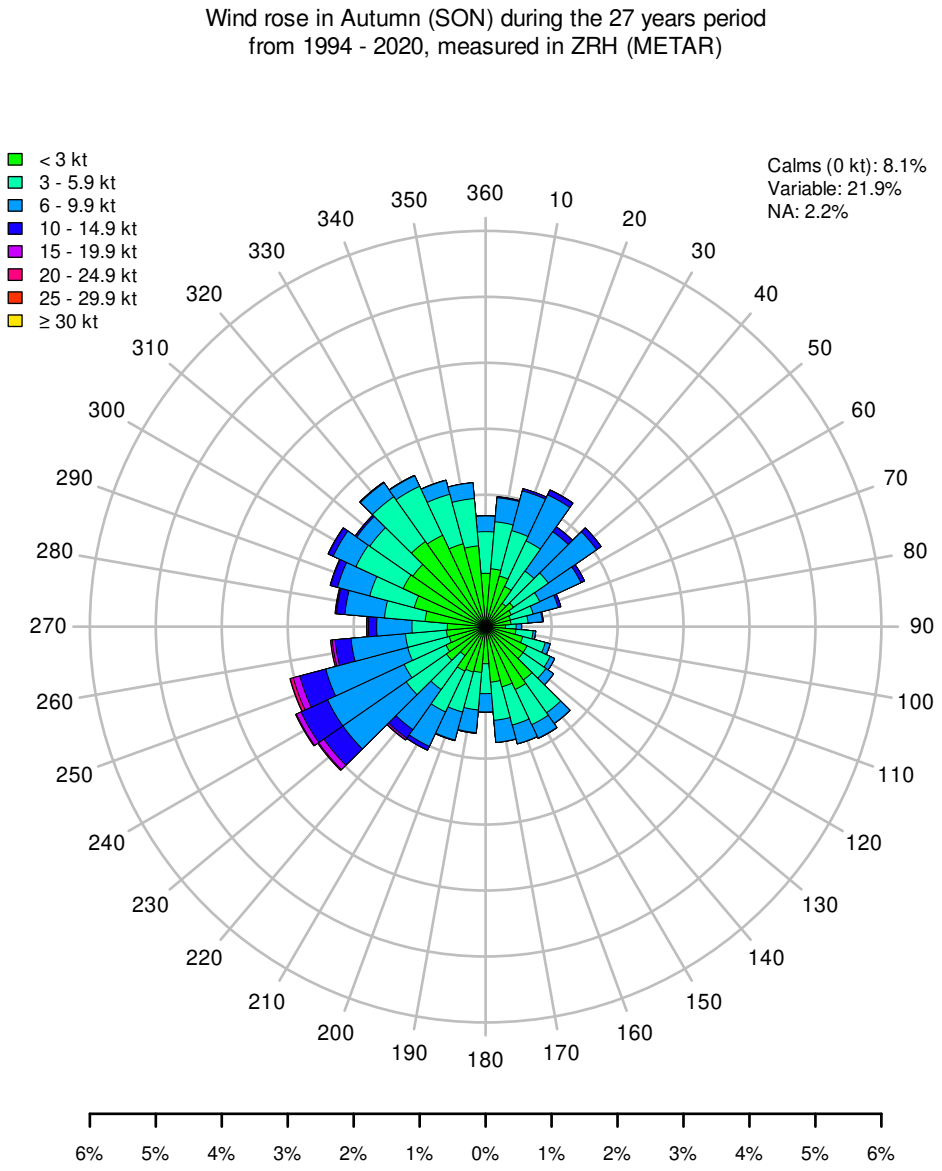
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.3% of all available METARs in Spring (MAM) showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.3: Wind rose Spring.



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.8% of all available METARs in Summer (JJA) showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

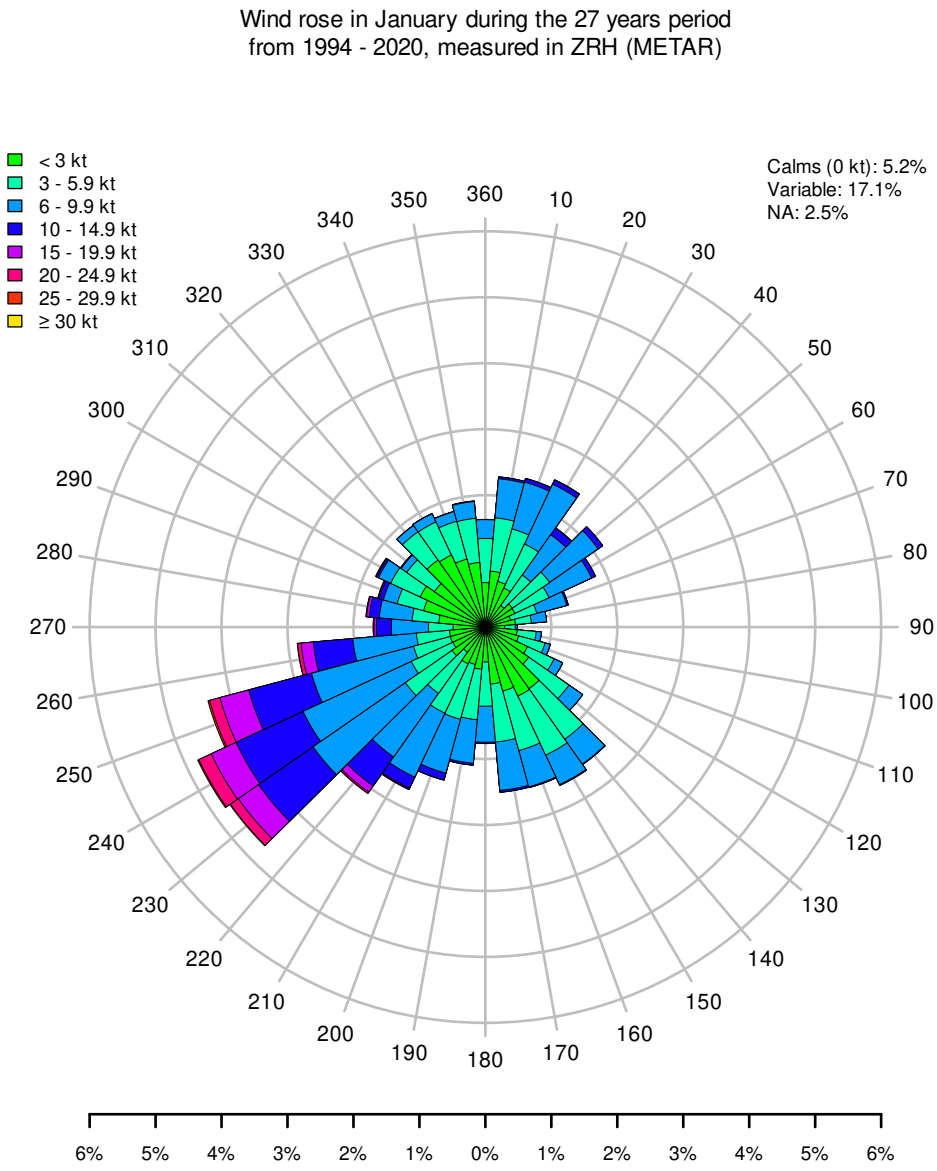
Figure 1.1.4: Wind rose Summer.



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.7% of all available METARs in Autumn (SON) showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

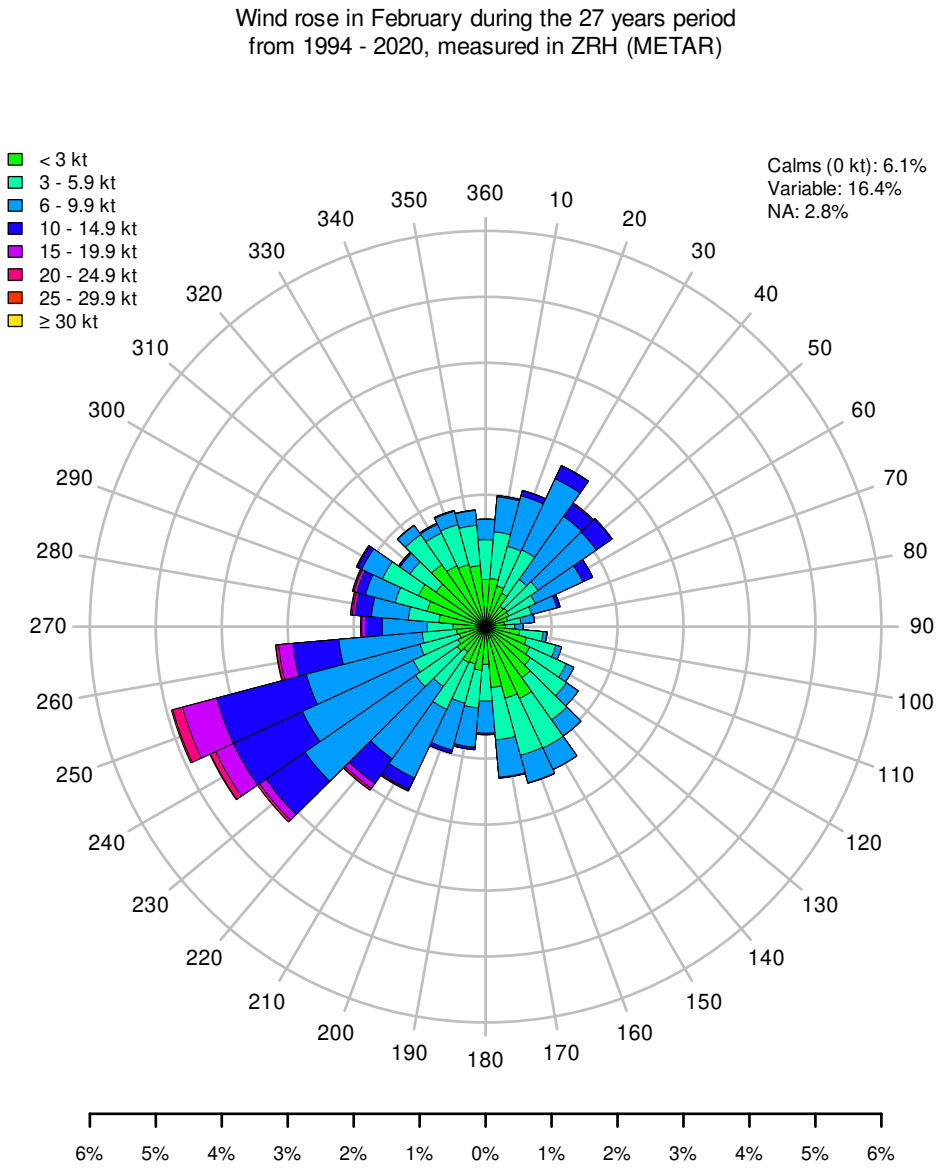
Figure 1.1.5: Wind rose Autumn.

1.1.3 Wind Rose per Month



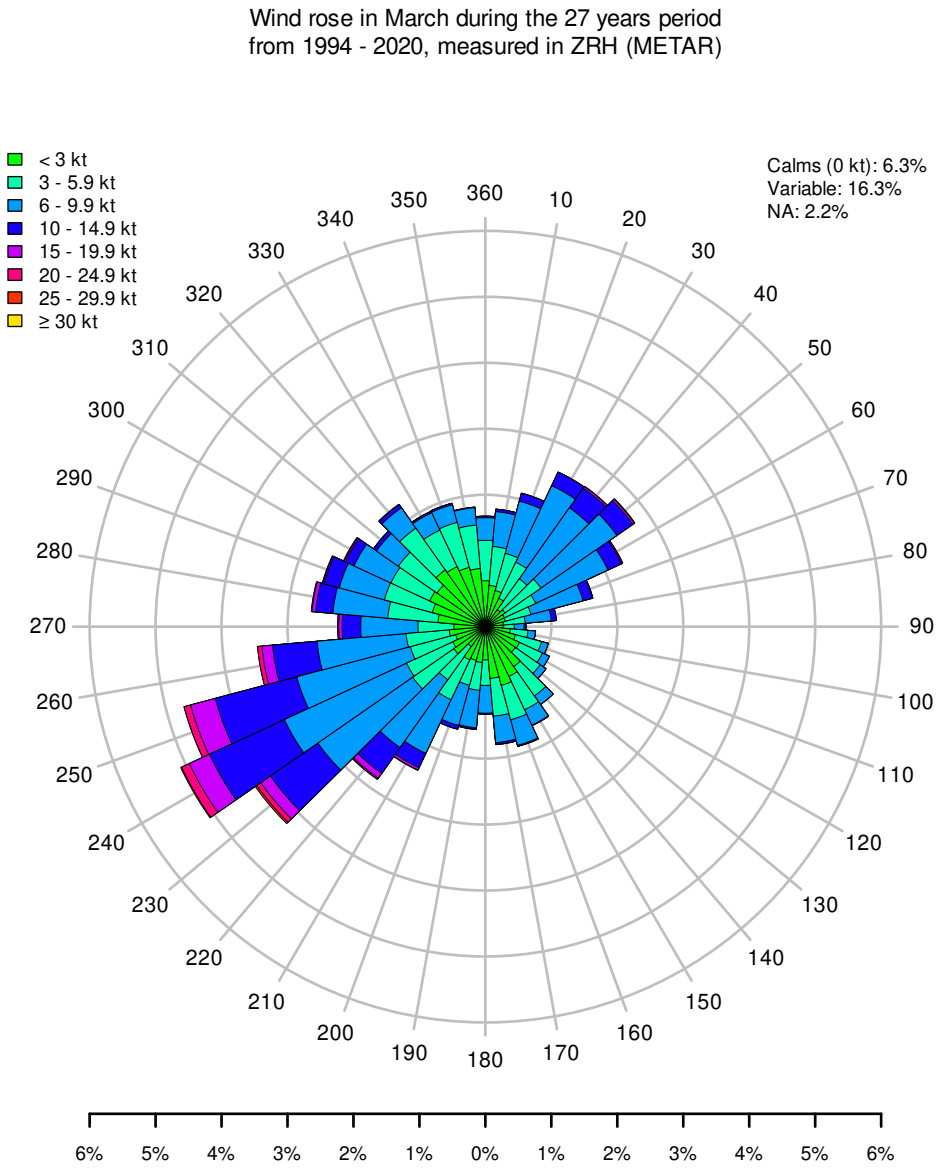
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.8% of all available METARs in January showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.6: Wind rose January.



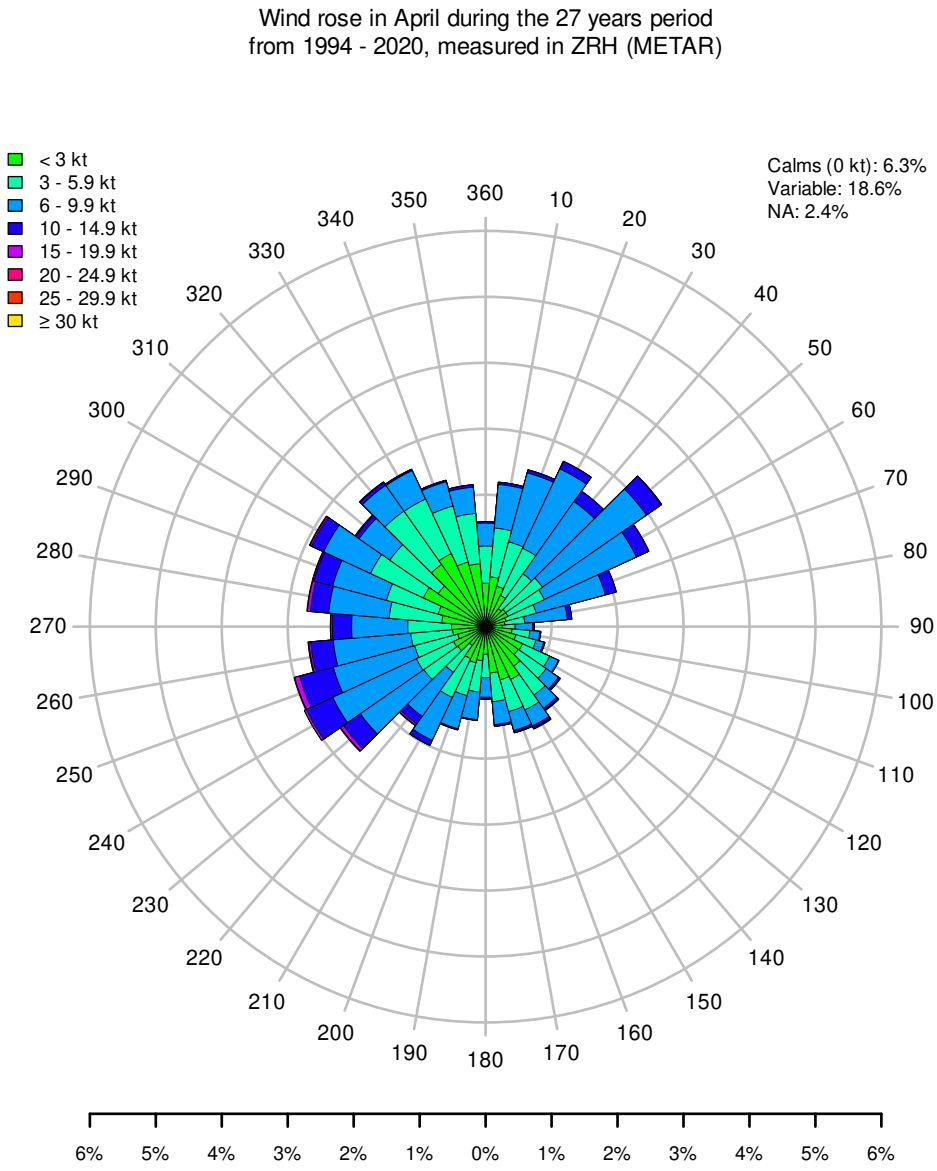
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.2% of all available METARs in February showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.7: Wind rose February.



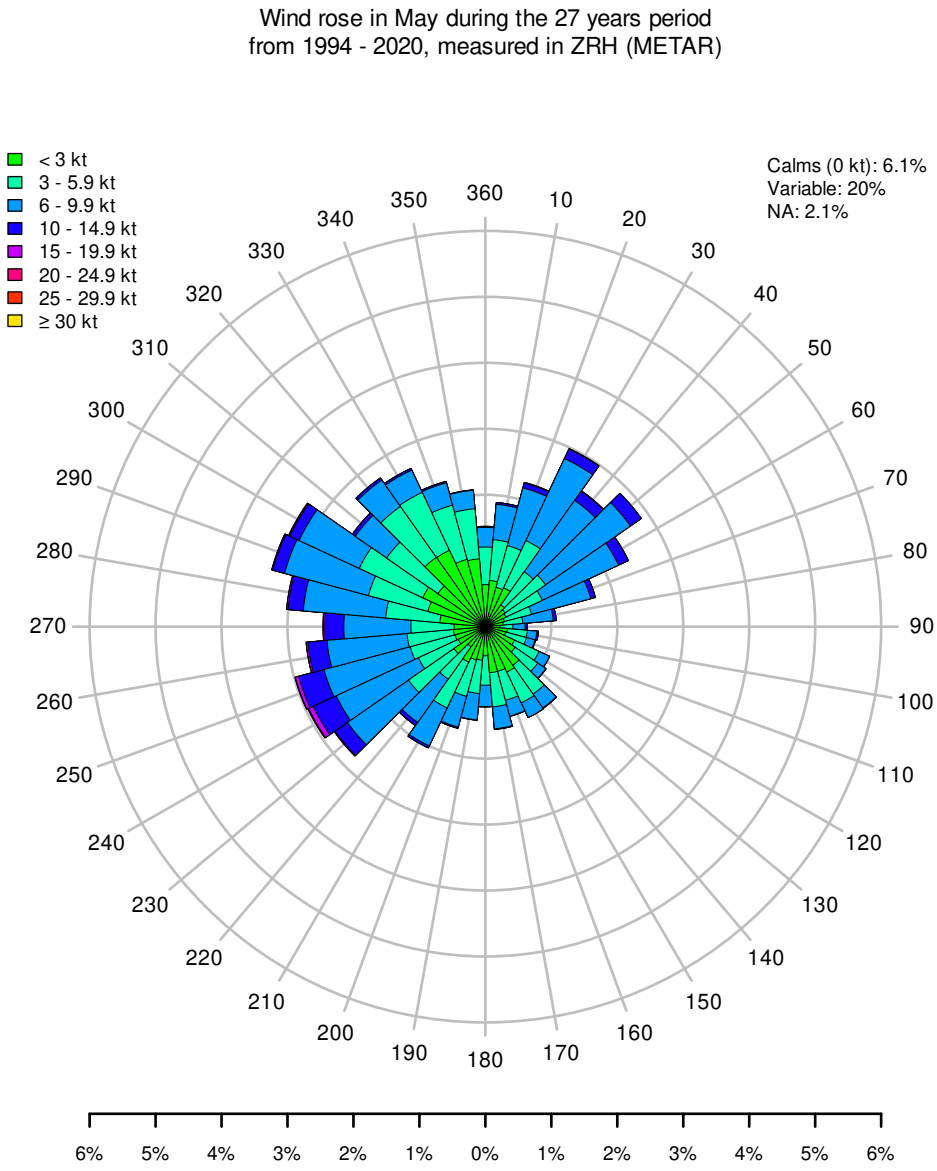
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.3% of all available METARs in March showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.8: Wind rose March.



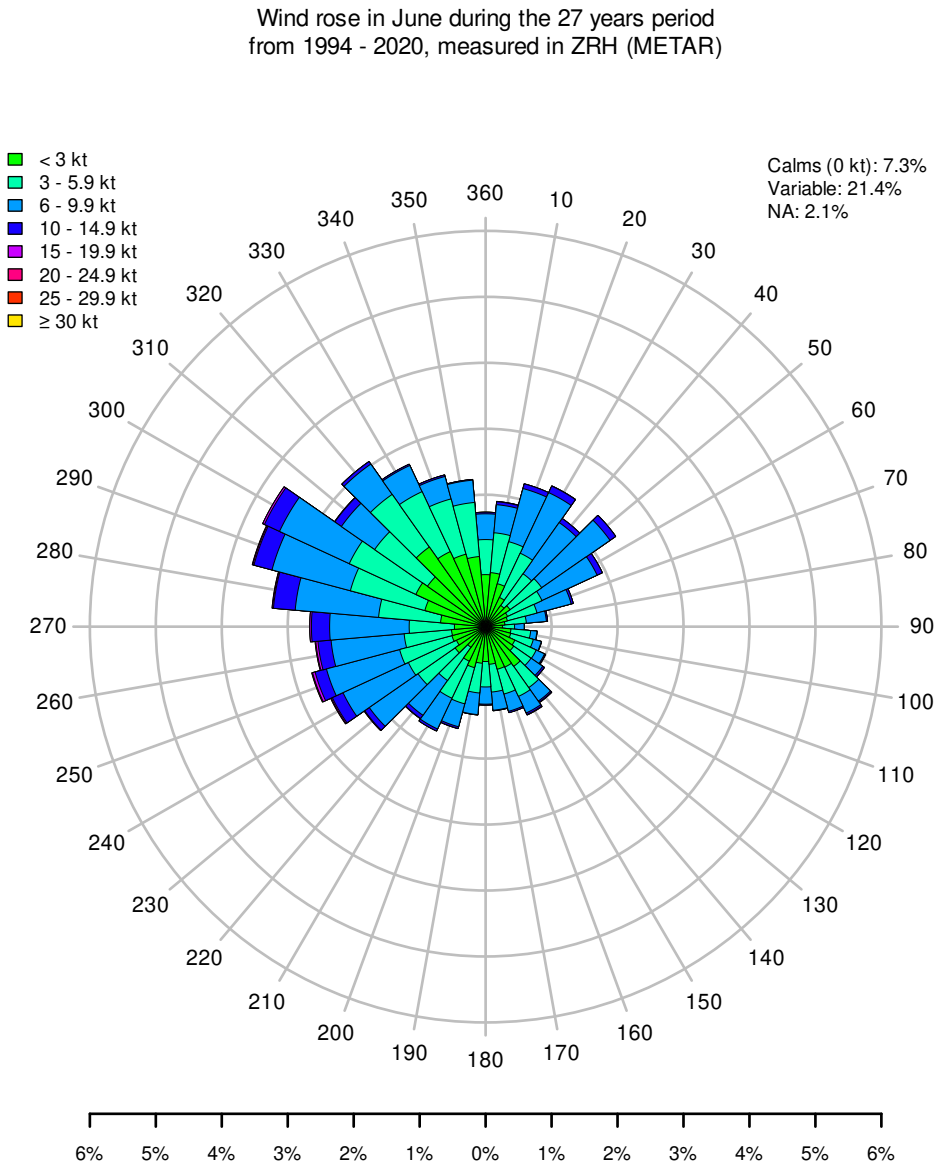
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.3% of all available METARs in April showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.9: Wind rose April.



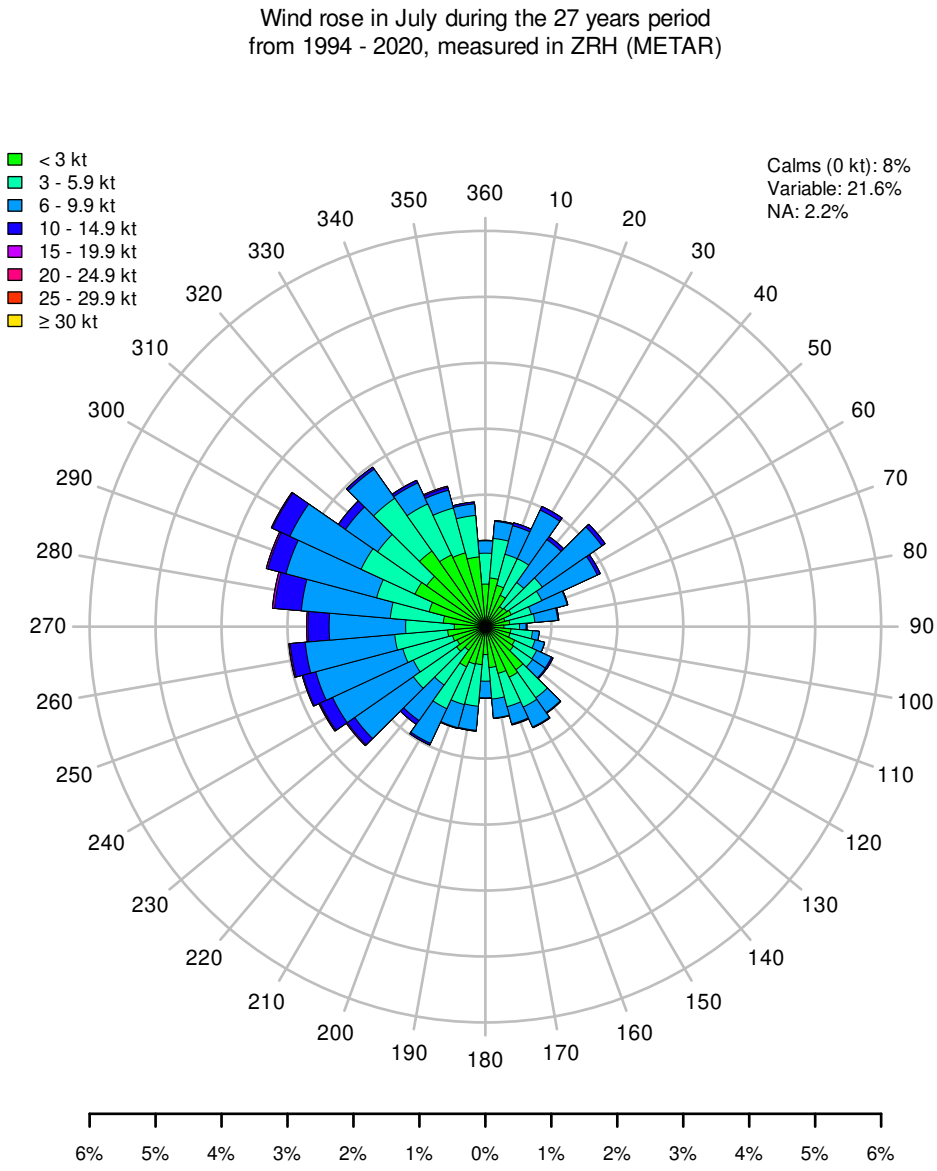
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.3% of all available METARs in May showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.10: Wind rose May.



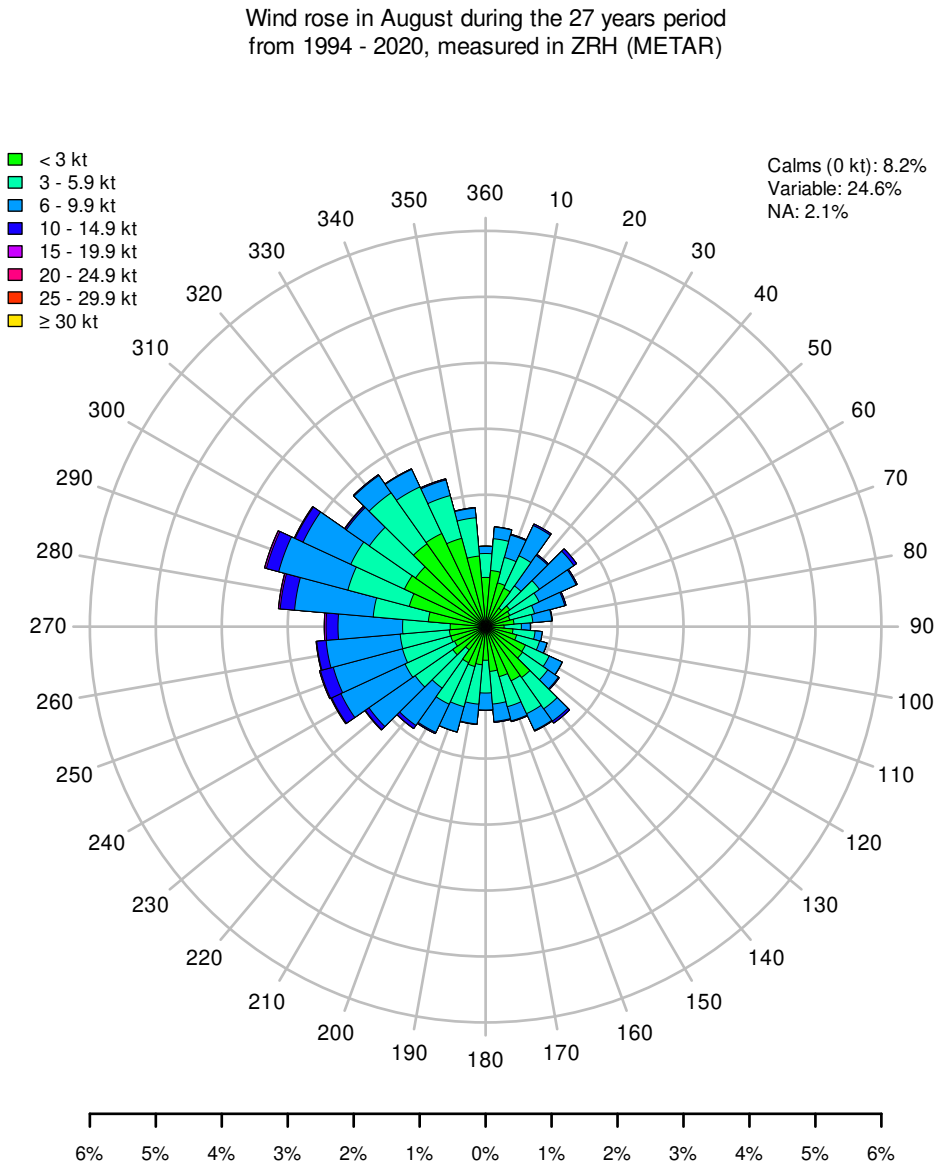
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1% of all available METARs in June showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.11: Wind rose June.



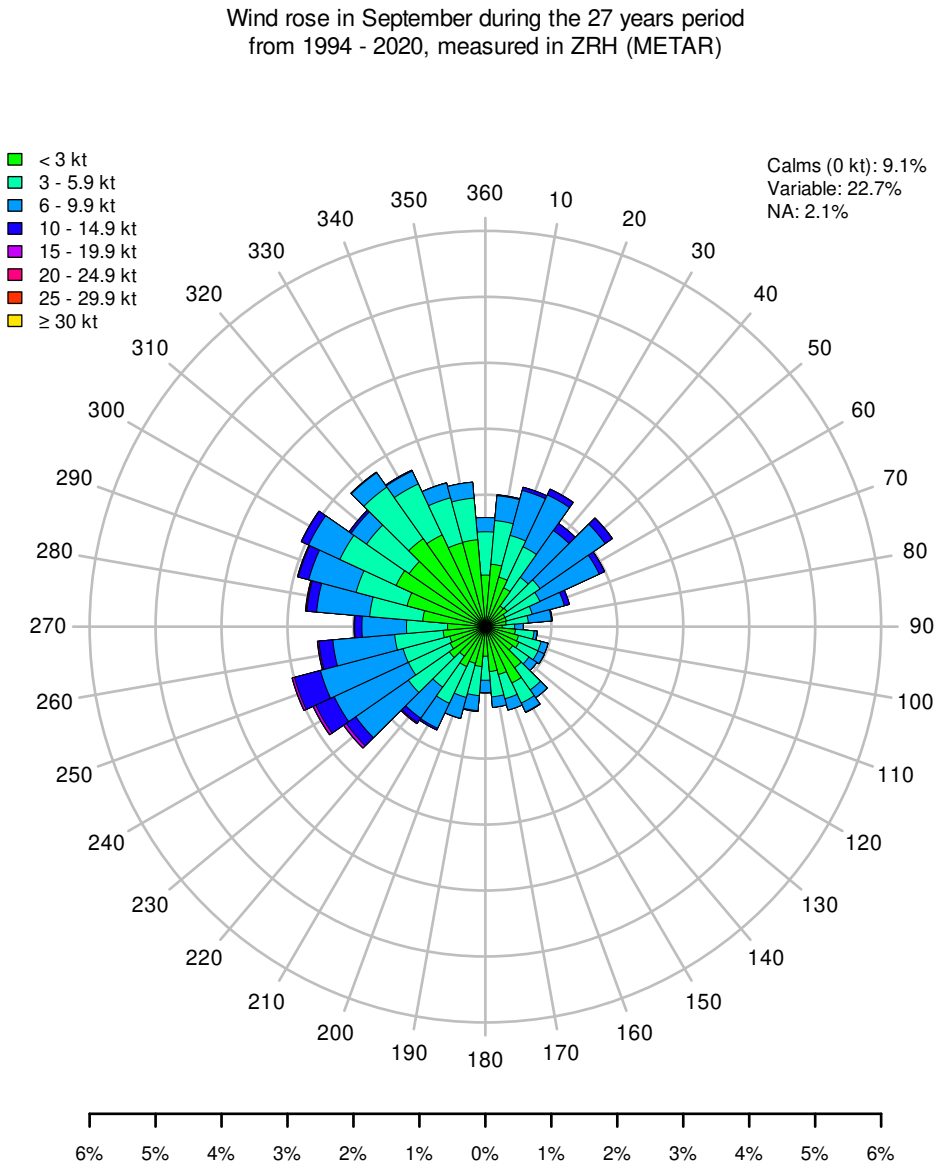
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.8% of all available METARs in July showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.12: Wind rose July.



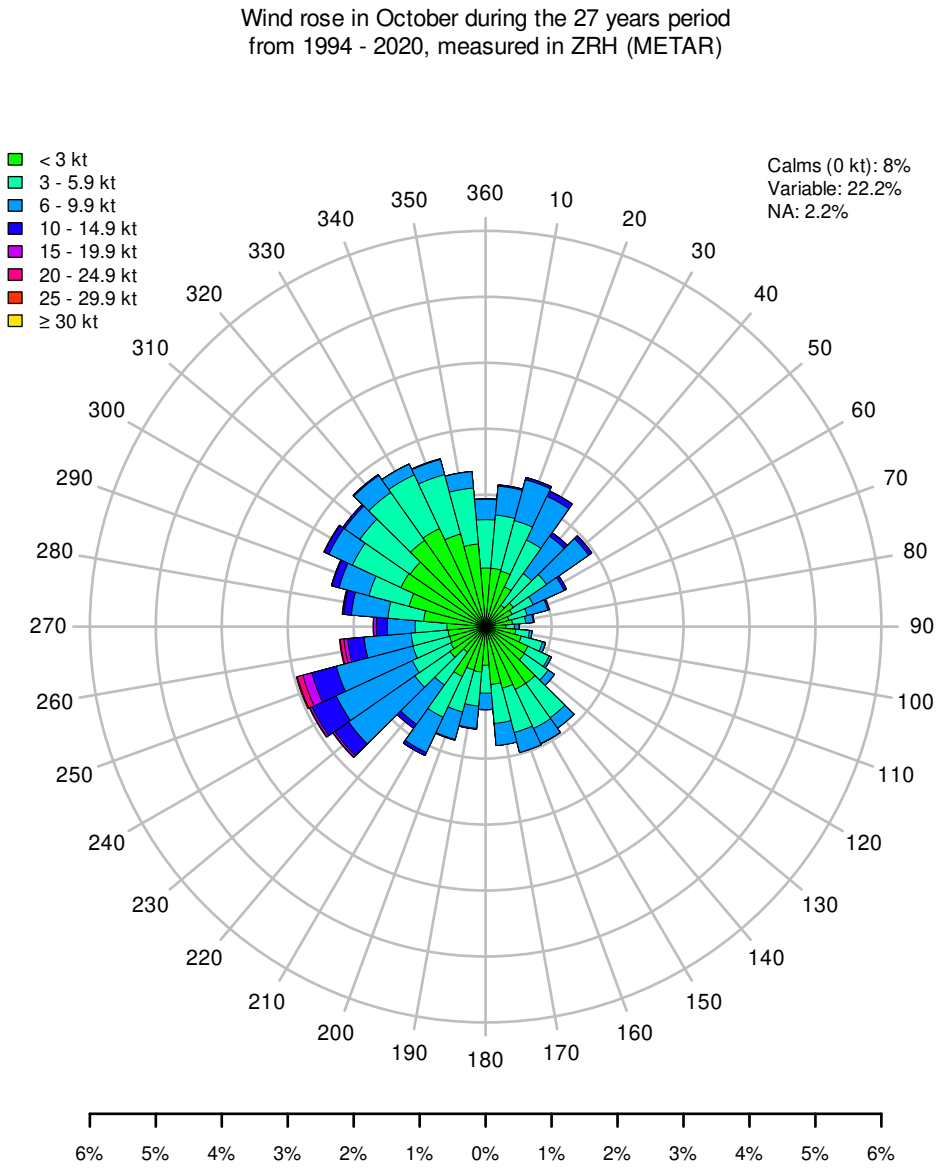
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.6% of all available METARs in August showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.13: Wind rose August.



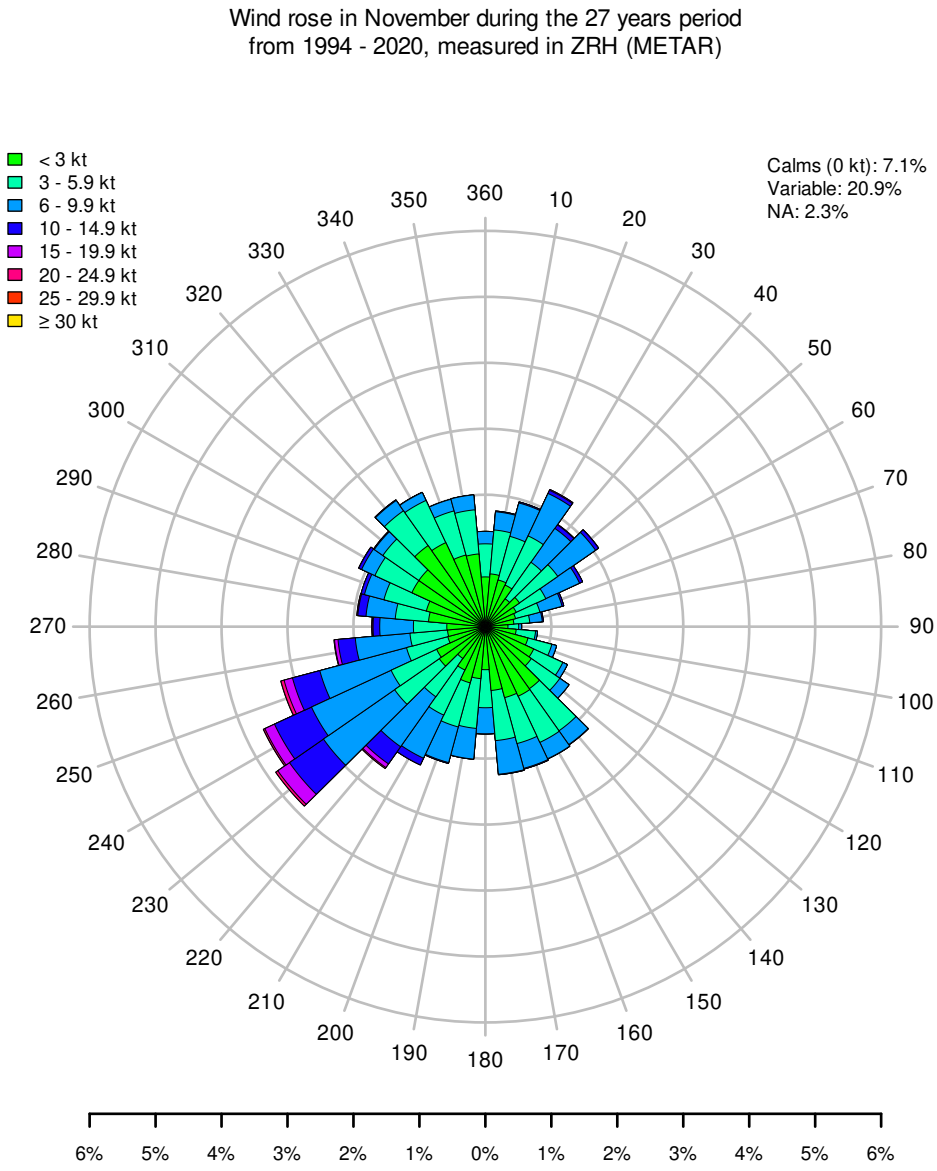
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.9% of all available METARs in September showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.14: Wind rose September.



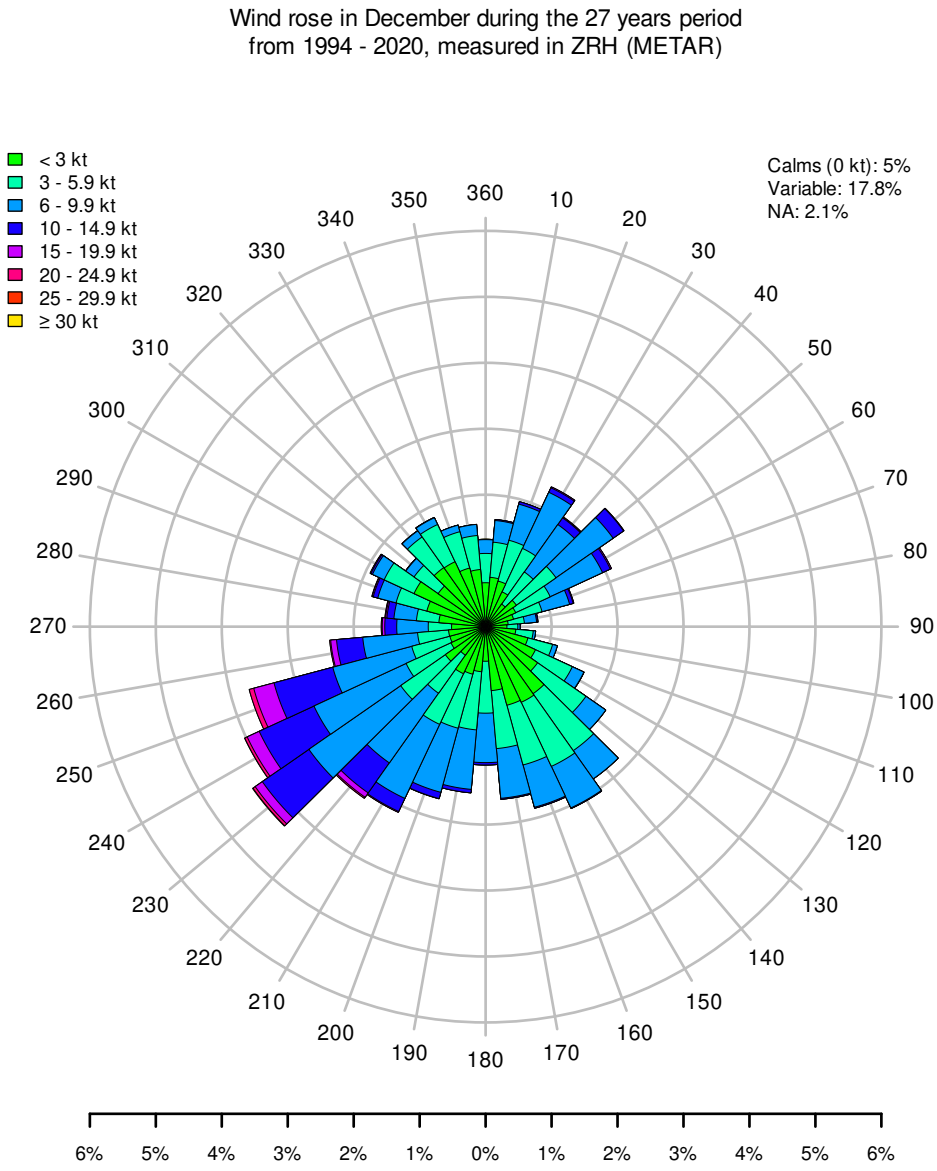
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.7% of all available METARs in October showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.15: Wind rose October.



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.6% of all available METARs in November showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

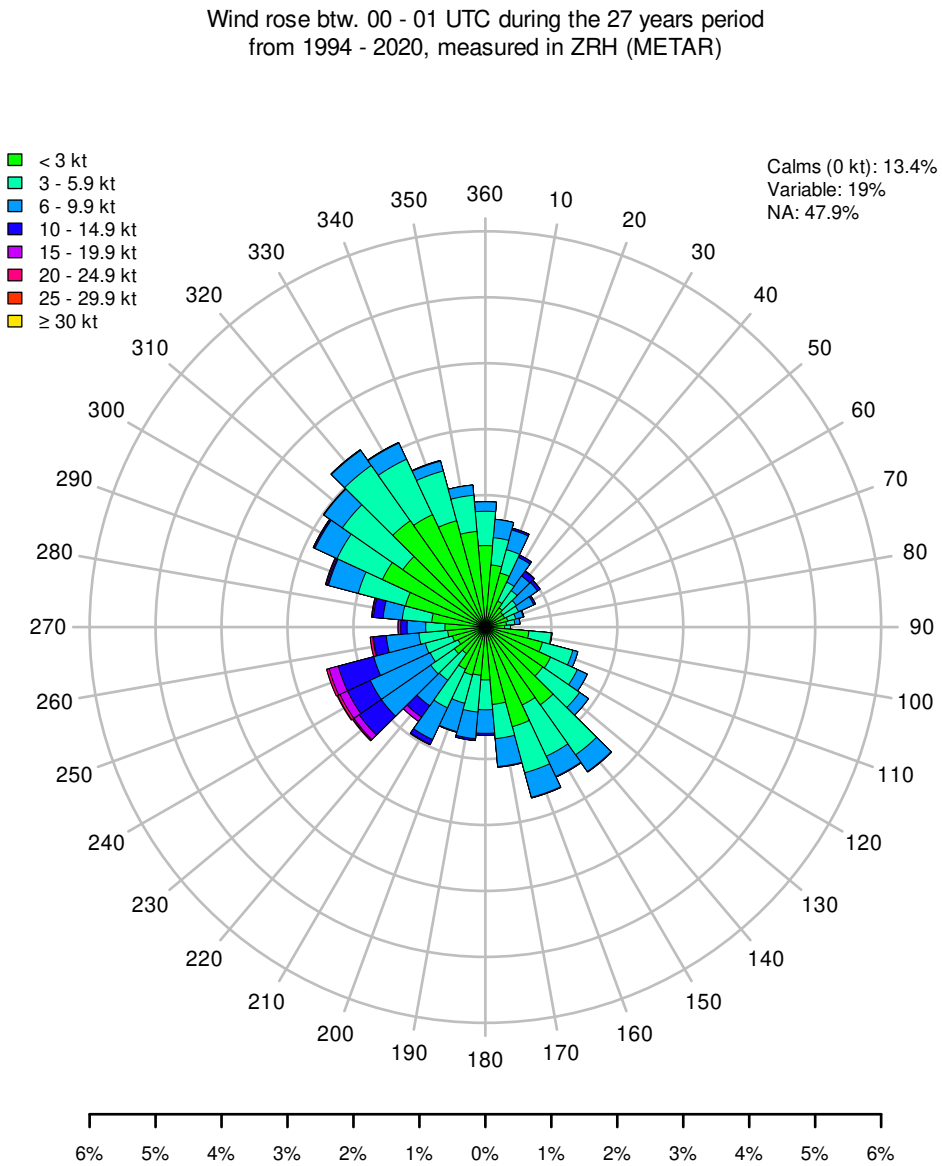
Figure 1.1.16: Wind rose November.



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.9% of all available METARs in December showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

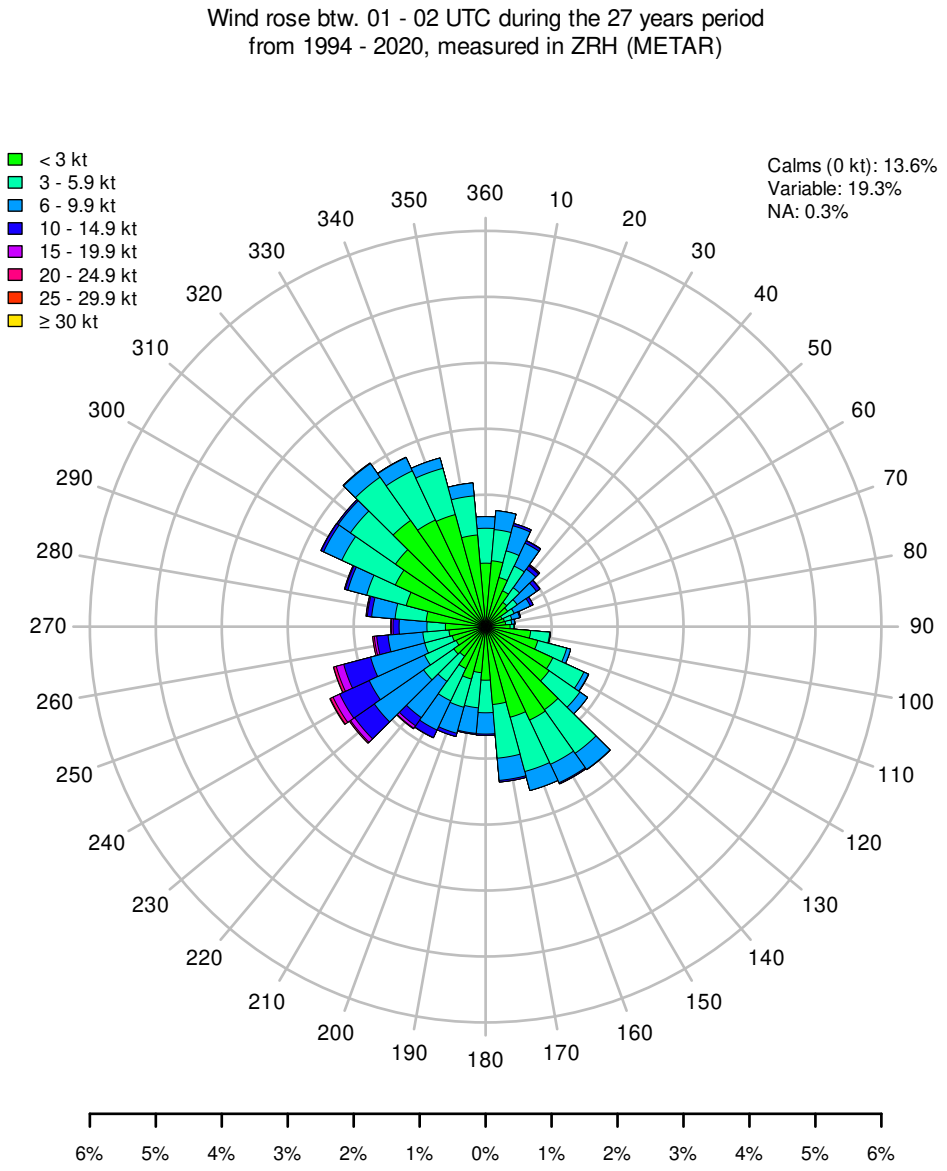
Figure 1.1.17: Wind rose December.

1.1.4 Wind Rose per Hour



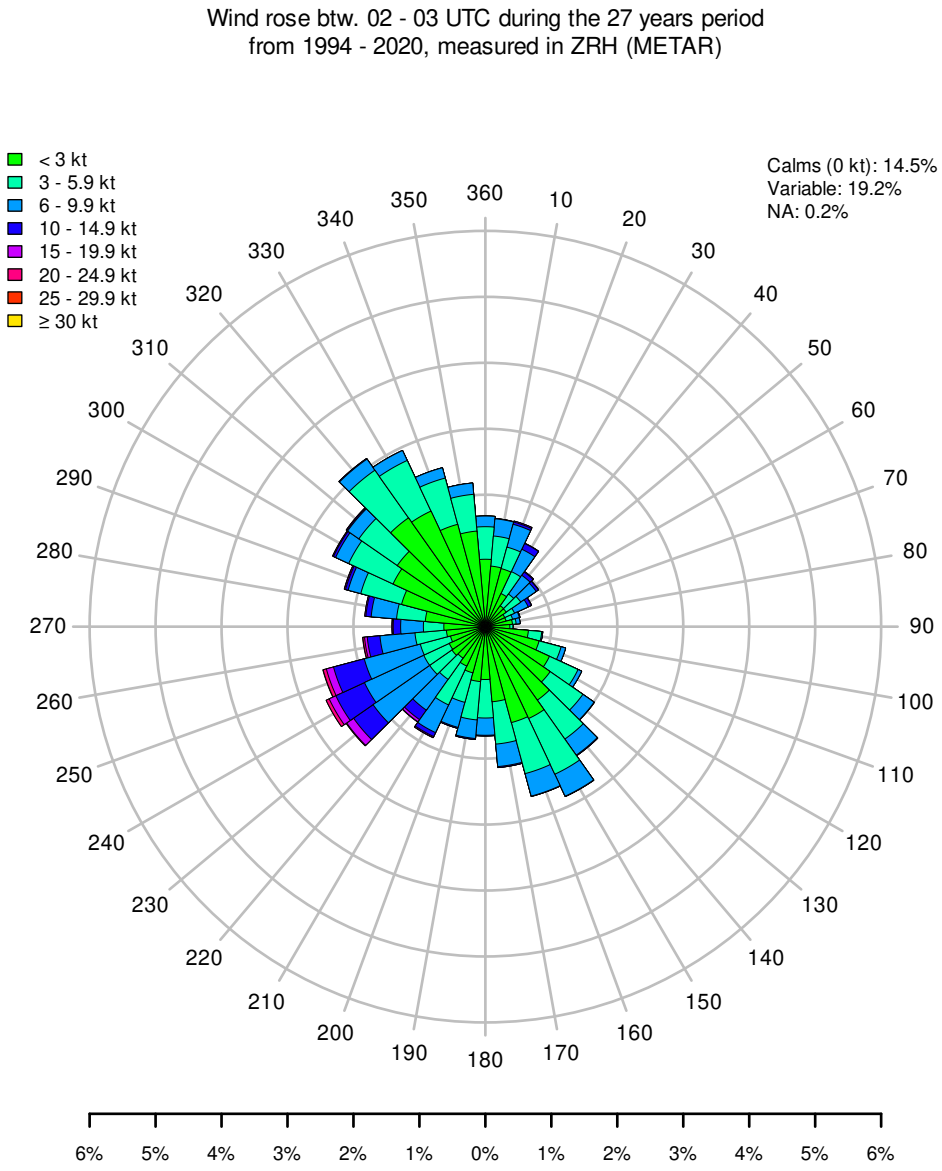
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.3% of all available METARs btw. 00 - 01 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.18: Wind rose at 00 - 01 UTC.



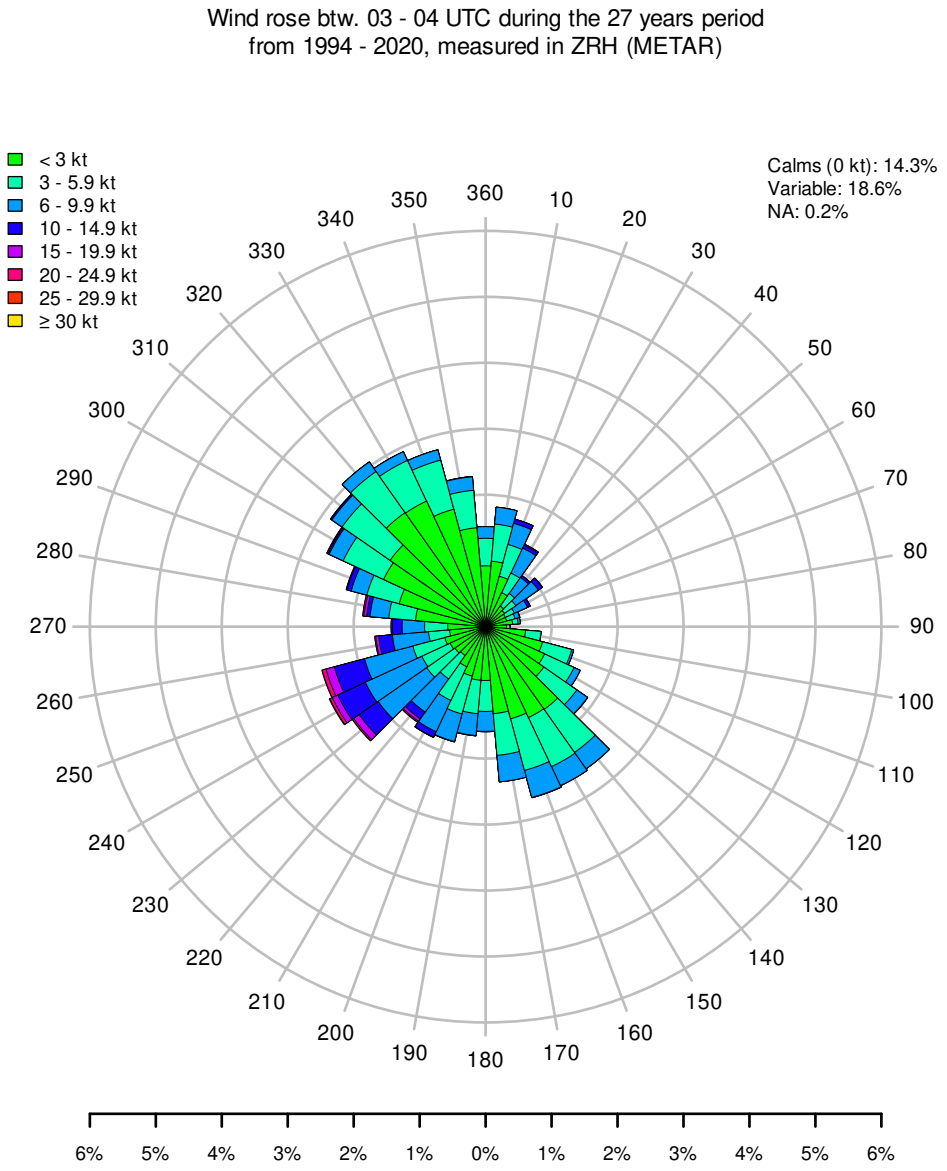
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.3% of all available METARs btw. 01 - 02 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.19: Wind rose at 01 - 02 UTC.



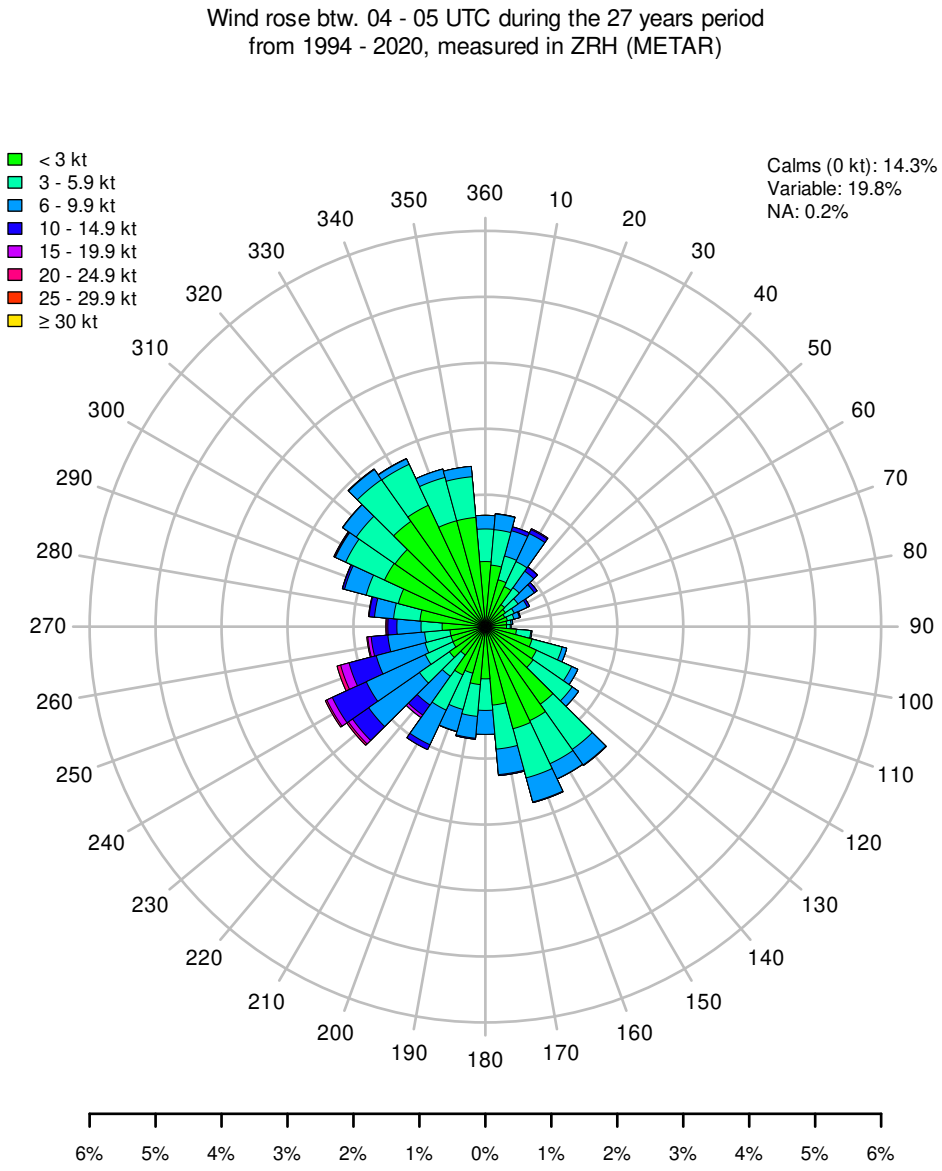
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.4% of all available METARs btw. 02 - 03 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.20: Wind rose at 02 - 03 UTC.



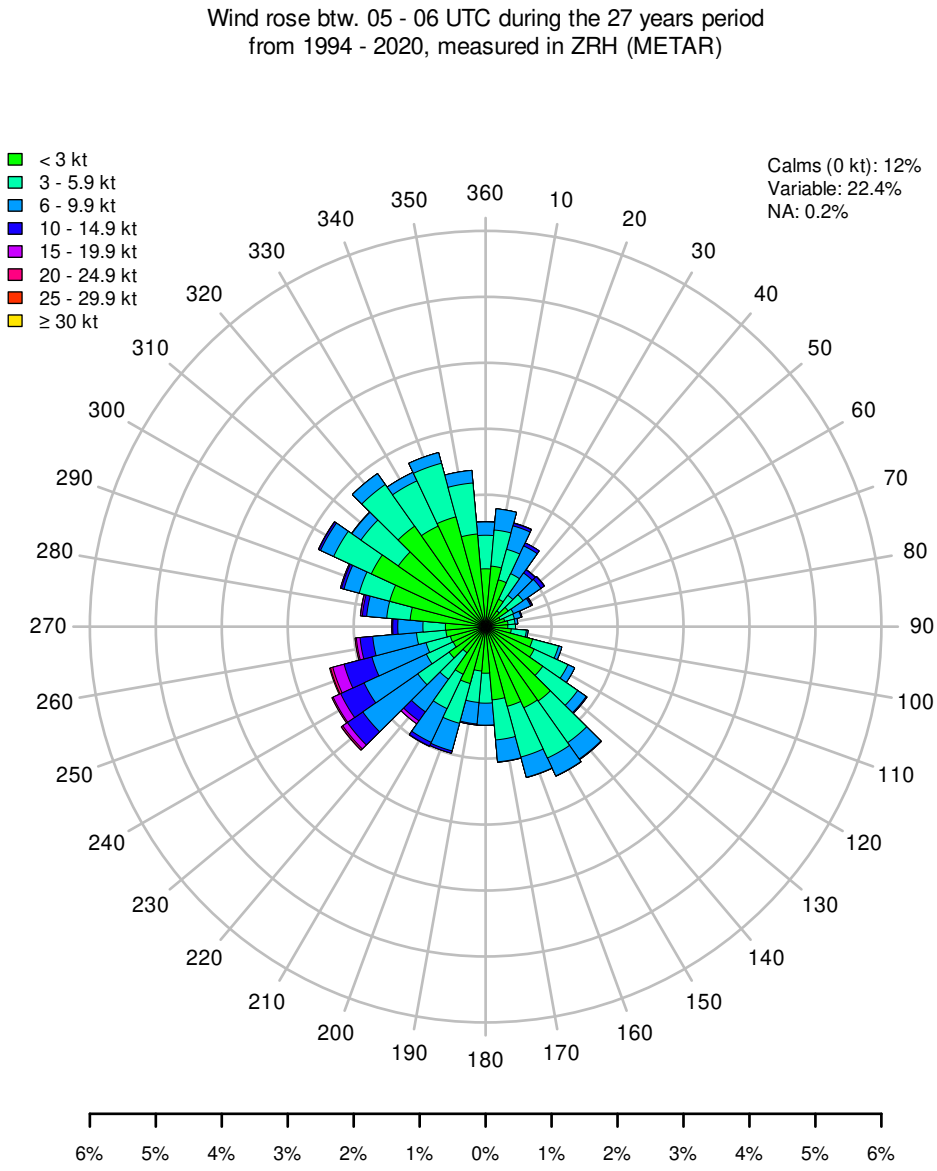
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.3% of all available METARs btw. 03 - 04 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.21: Wind rose at 03 - 04 UTC.



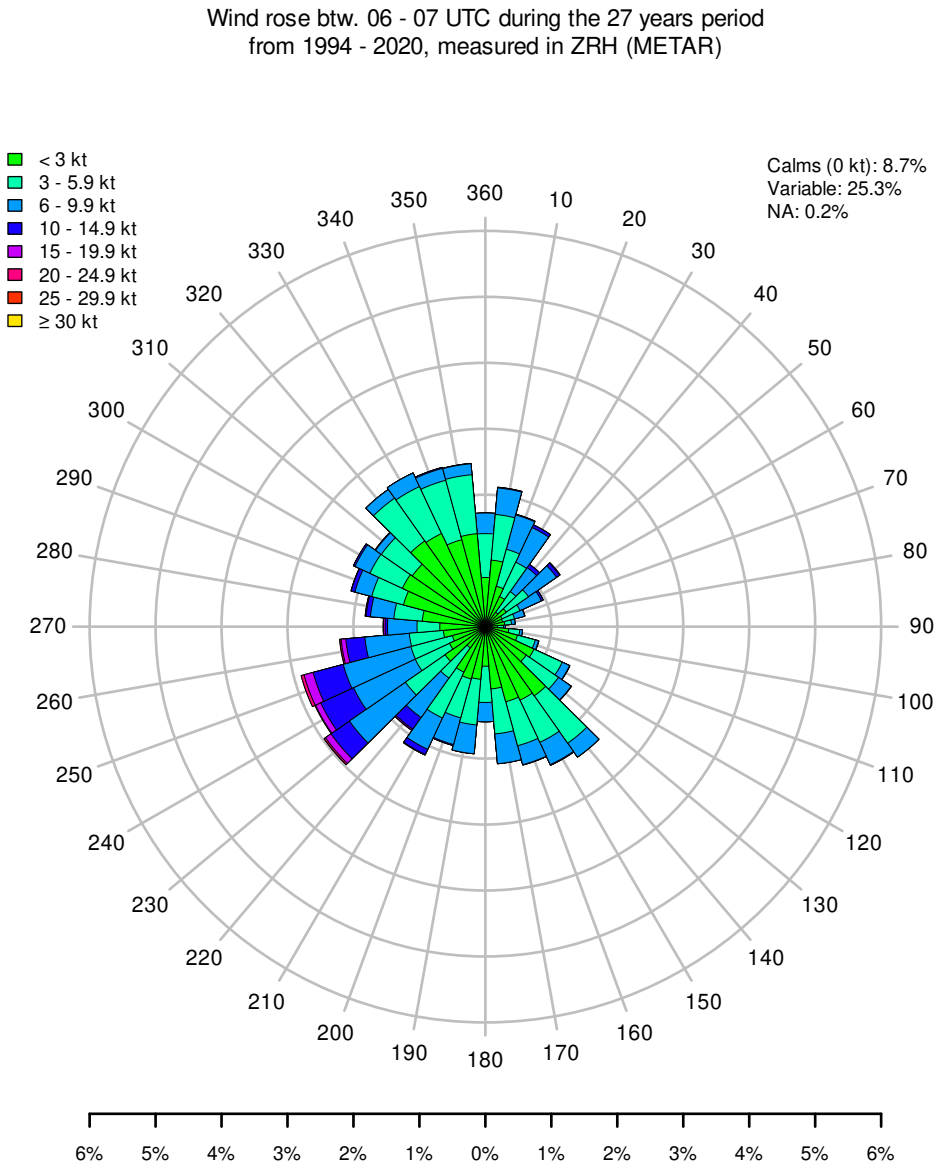
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.3% of all available METARs btw. 04 - 05 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.22: Wind rose at 04 - 05 UTC.



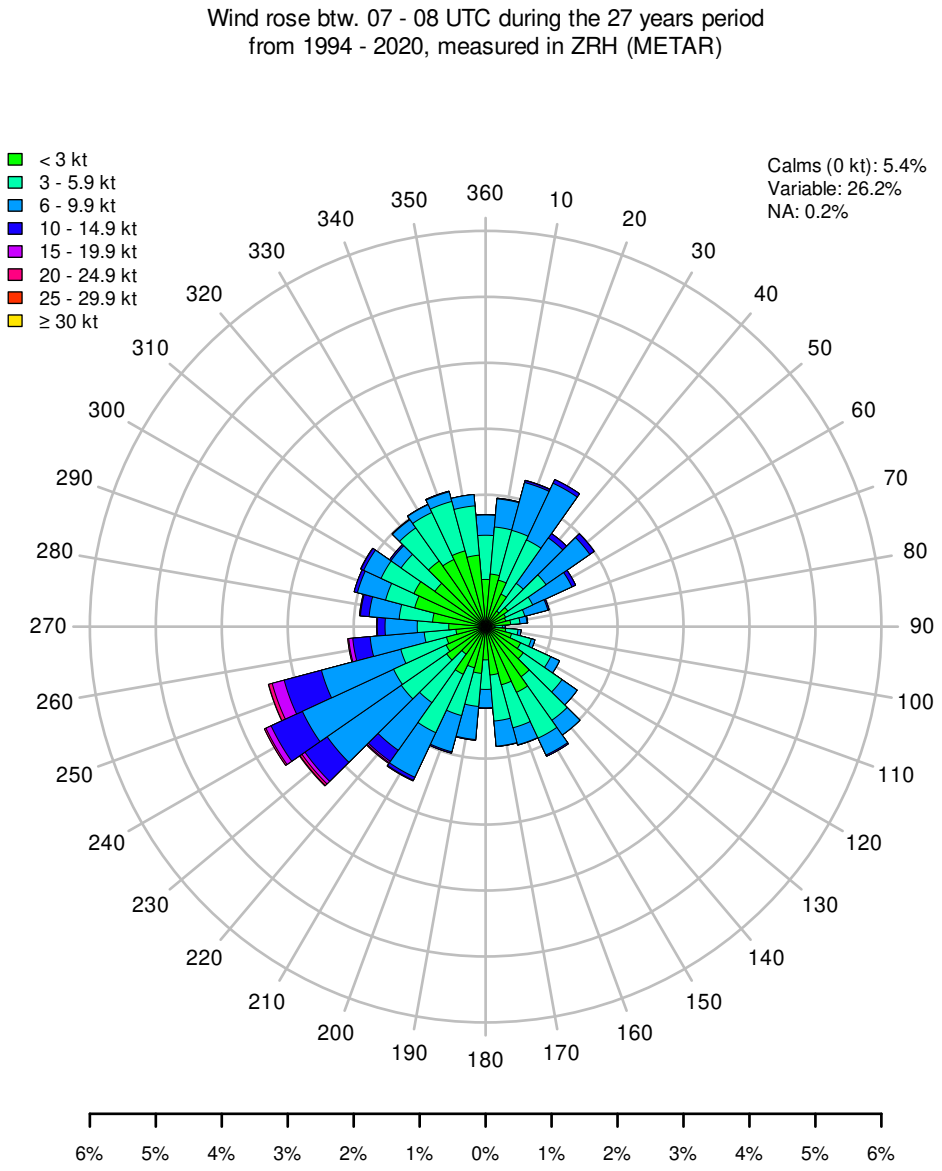
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.4% of all available METARs btw. 05 - 06 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.23: Wind rose at 05 - 06 UTC.



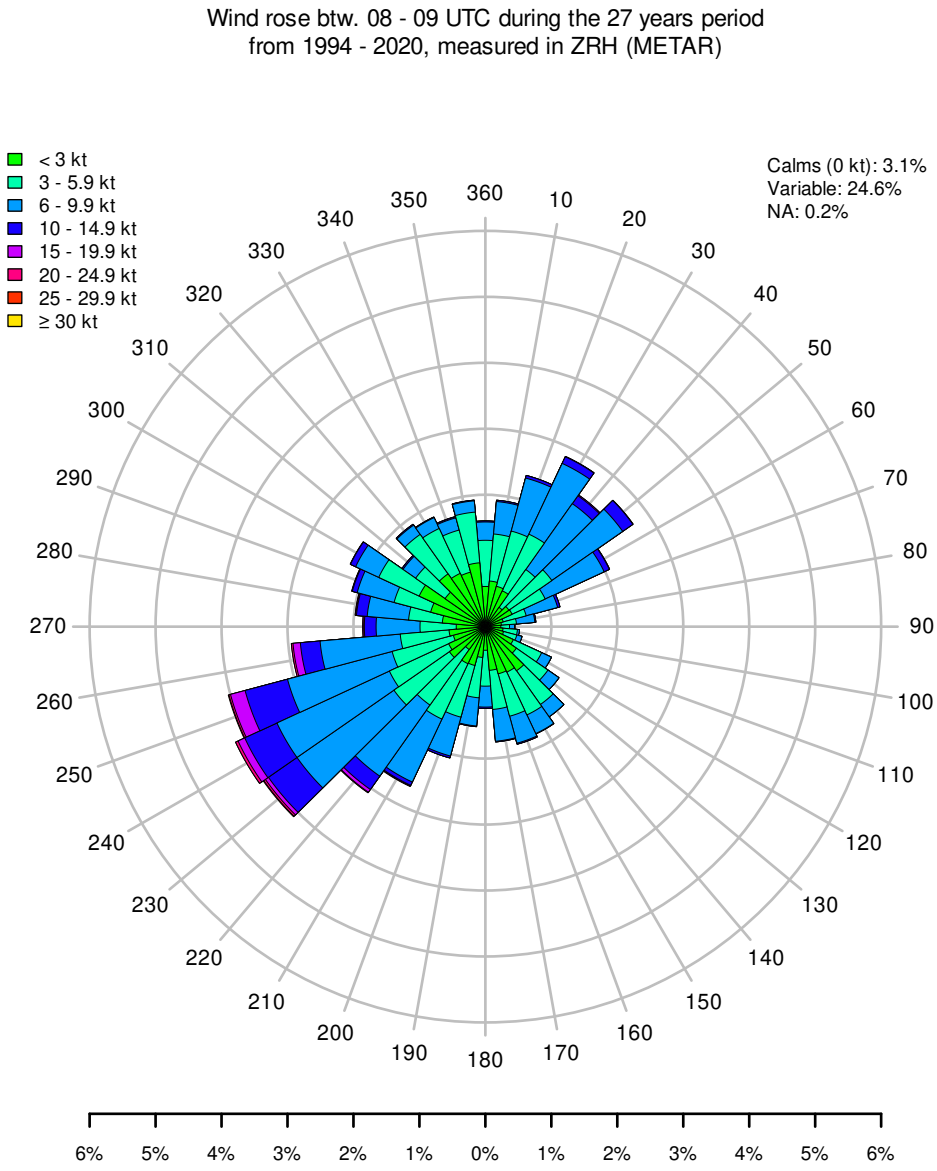
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.4% of all available METARs btw. 06 - 07 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.24: Wind rose at 06 - 07 UTC.



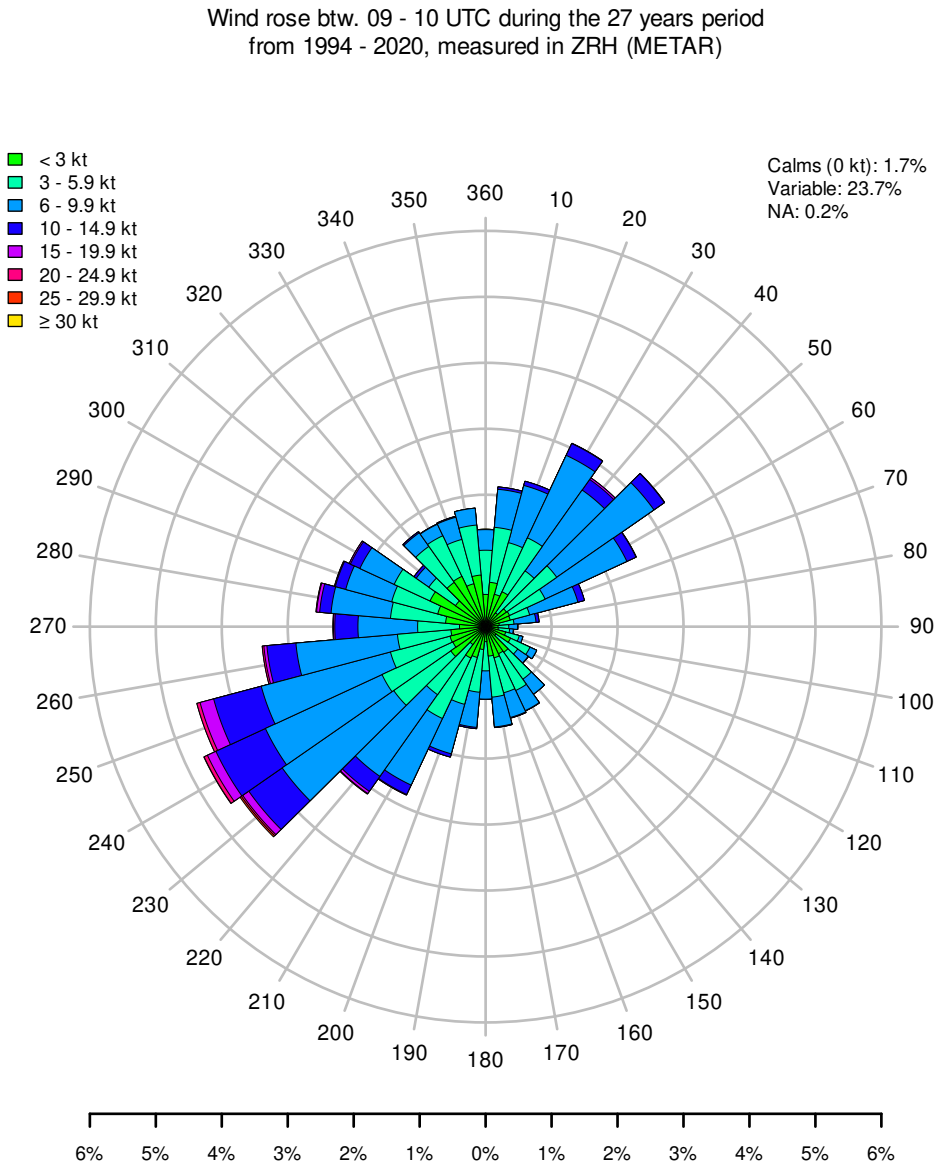
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.8% of all available METARs btw. 07 - 08 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.25: Wind rose at 07 - 08 UTC.



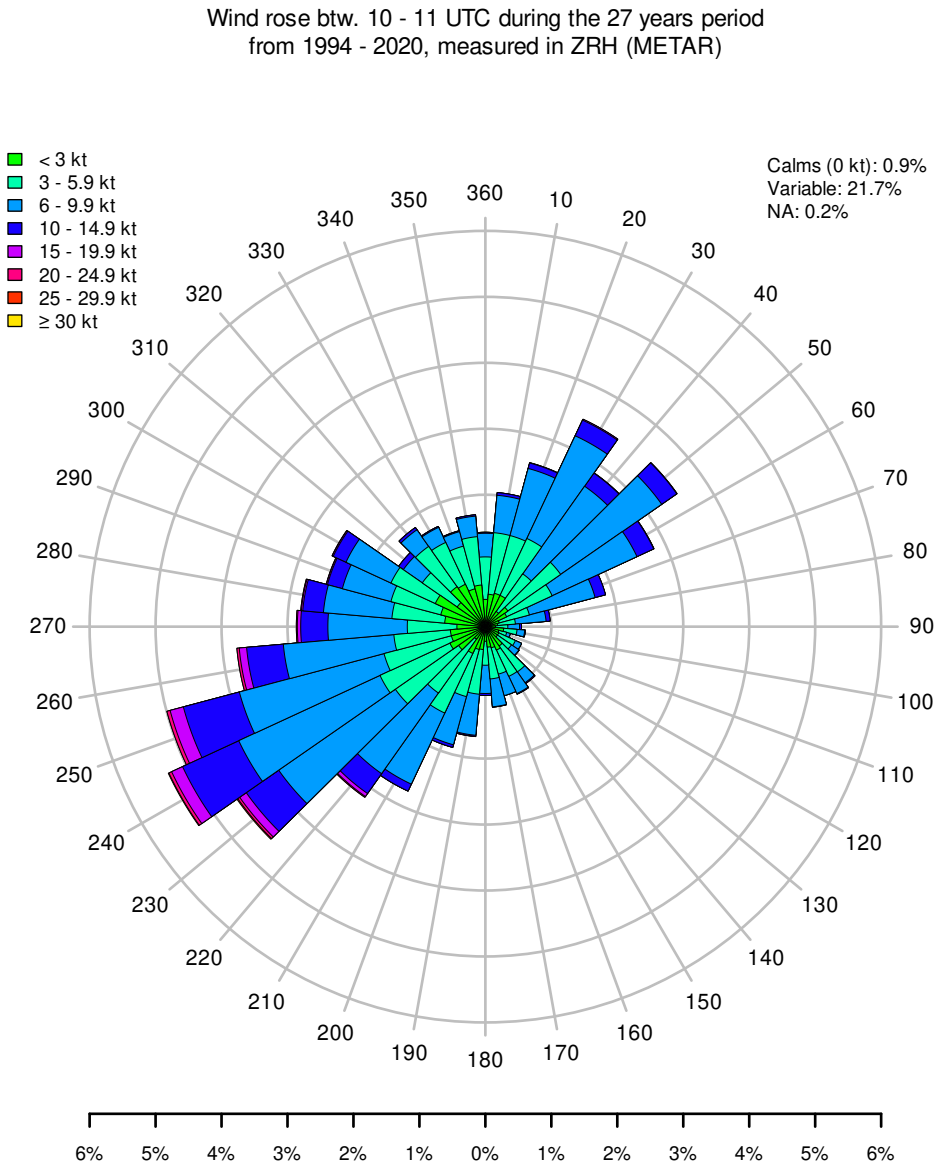
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.2% of all available METARs btw. 08 - 09 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.26: Wind rose at 08 - 09 UTC.



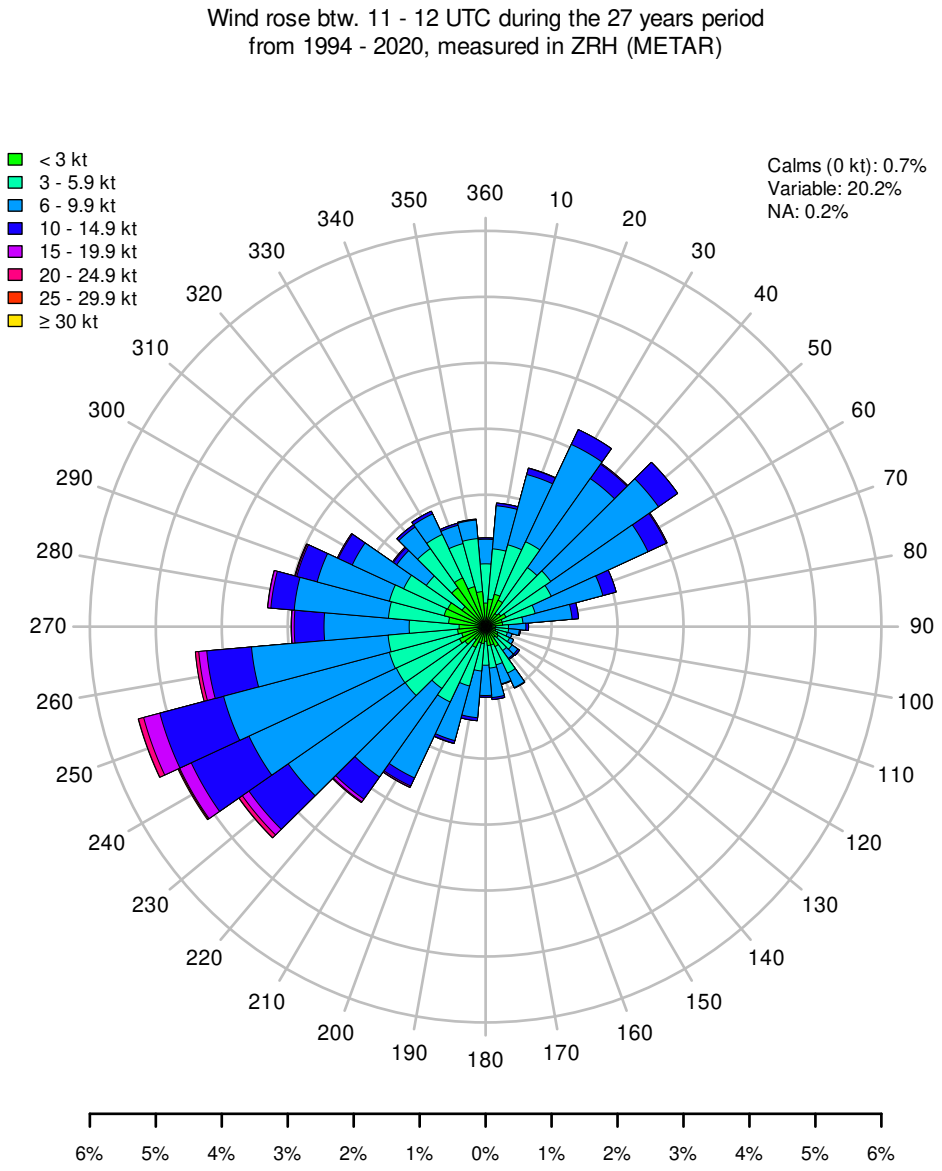
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.5% of all available METARs btw. 09 - 10 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.27: Wind rose at 09 - 10 UTC.



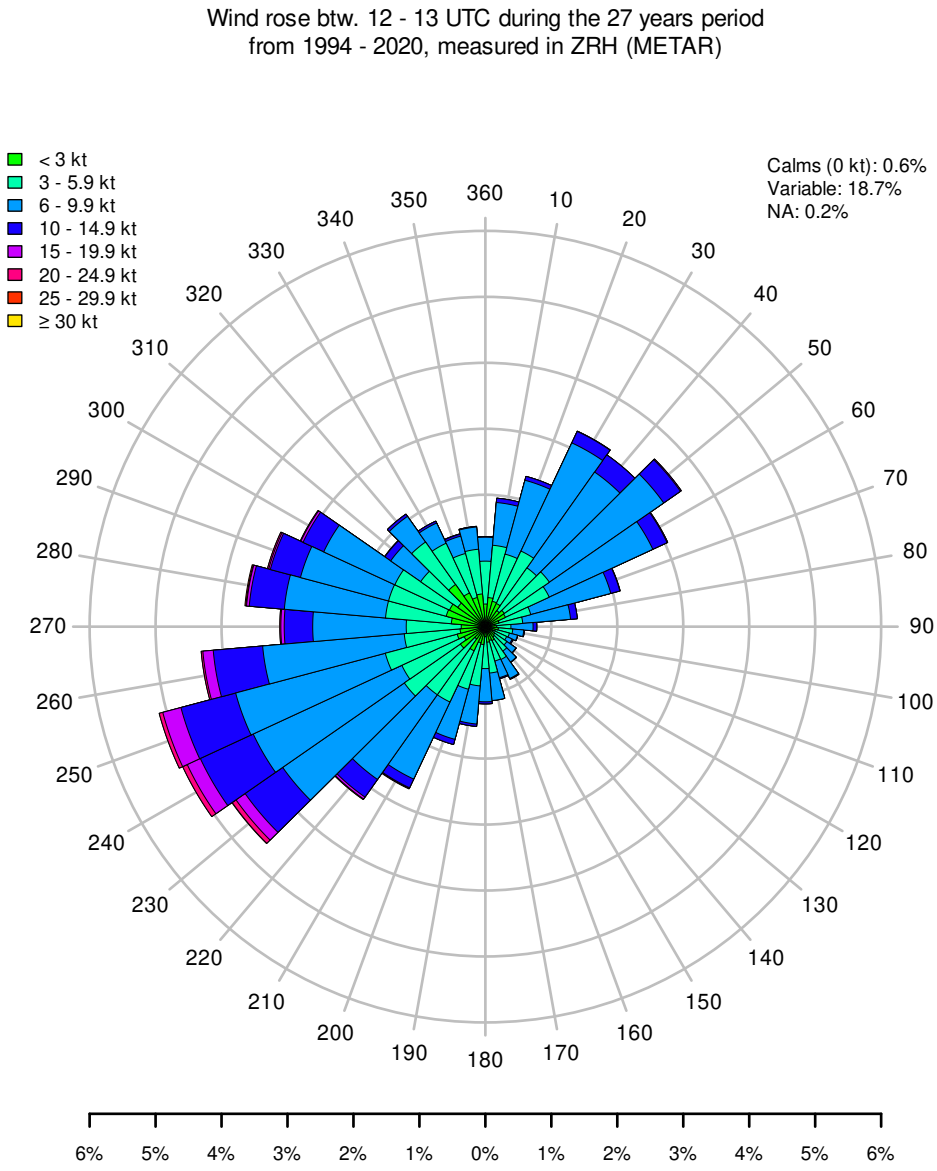
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.6% of all available METARs btw. 10 - 11 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.28: Wind rose at 10 - 11 UTC.



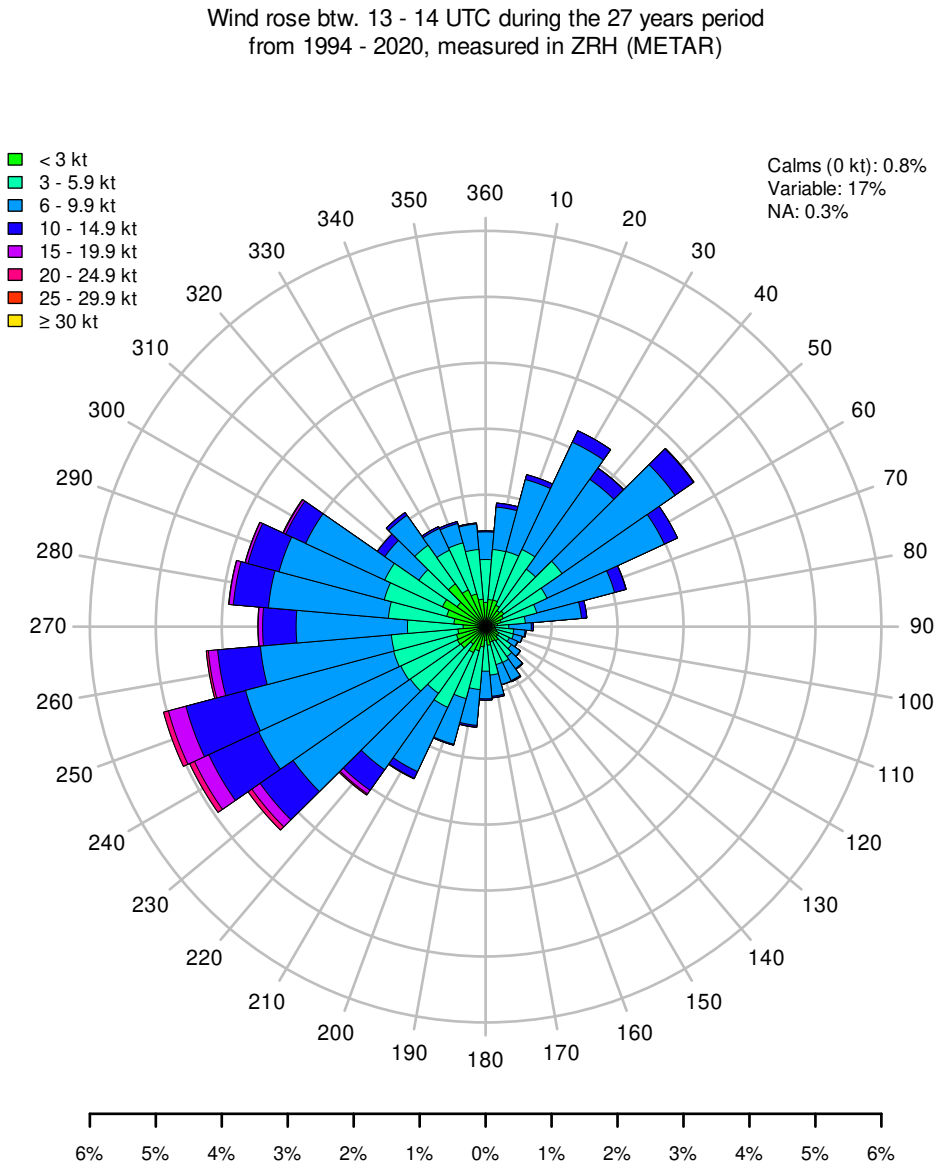
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.7% of all available METARs btw. 11 - 12 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.29: Wind rose at 11 - 12 UTC.



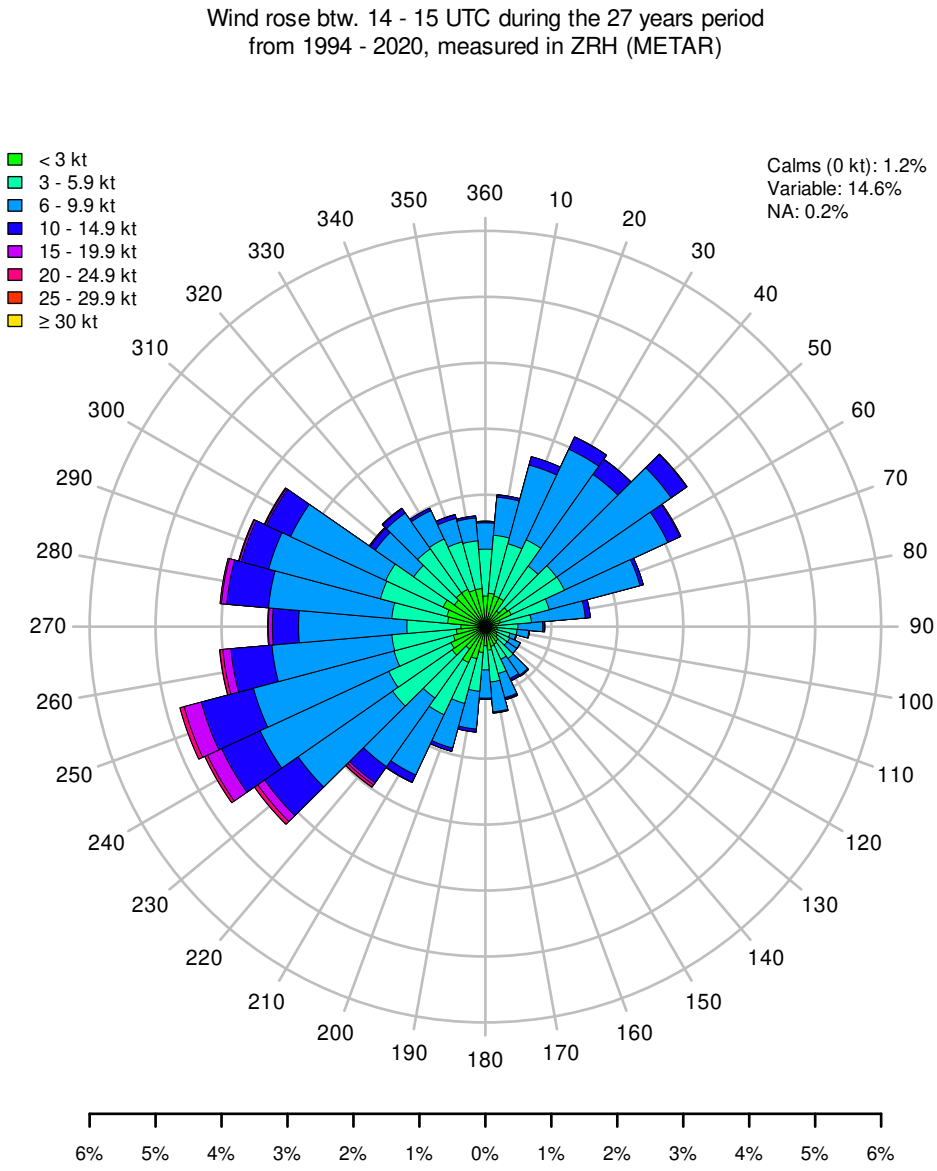
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.8% of all available METARs btw. 12 - 13 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.30: Wind rose at 12 - 13 UTC.



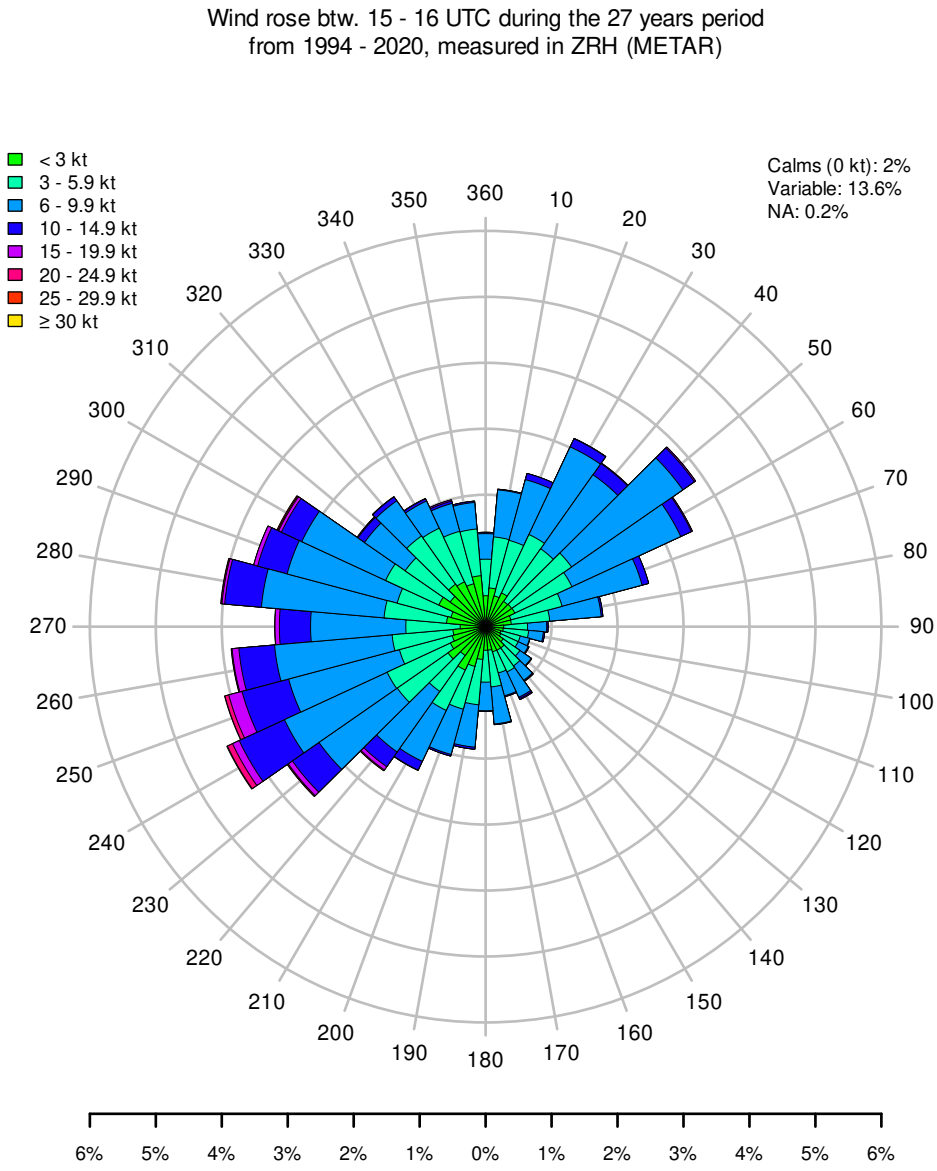
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.7% of all available METARs btw. 13 - 14 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.31: Wind rose at 13 - 14 UTC.



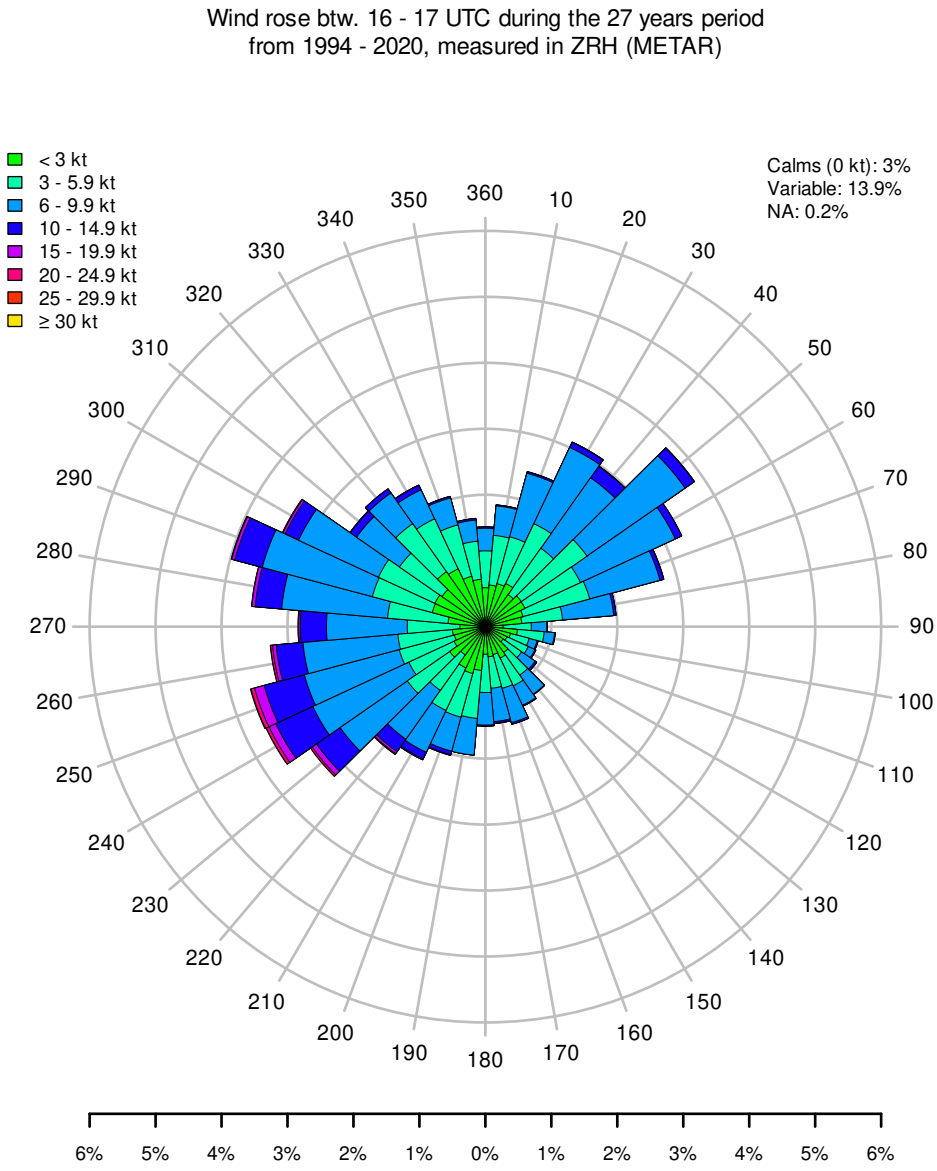
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.7% of all available METARs btw. 14 - 15 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.32: Wind rose at 14 - 15 UTC.



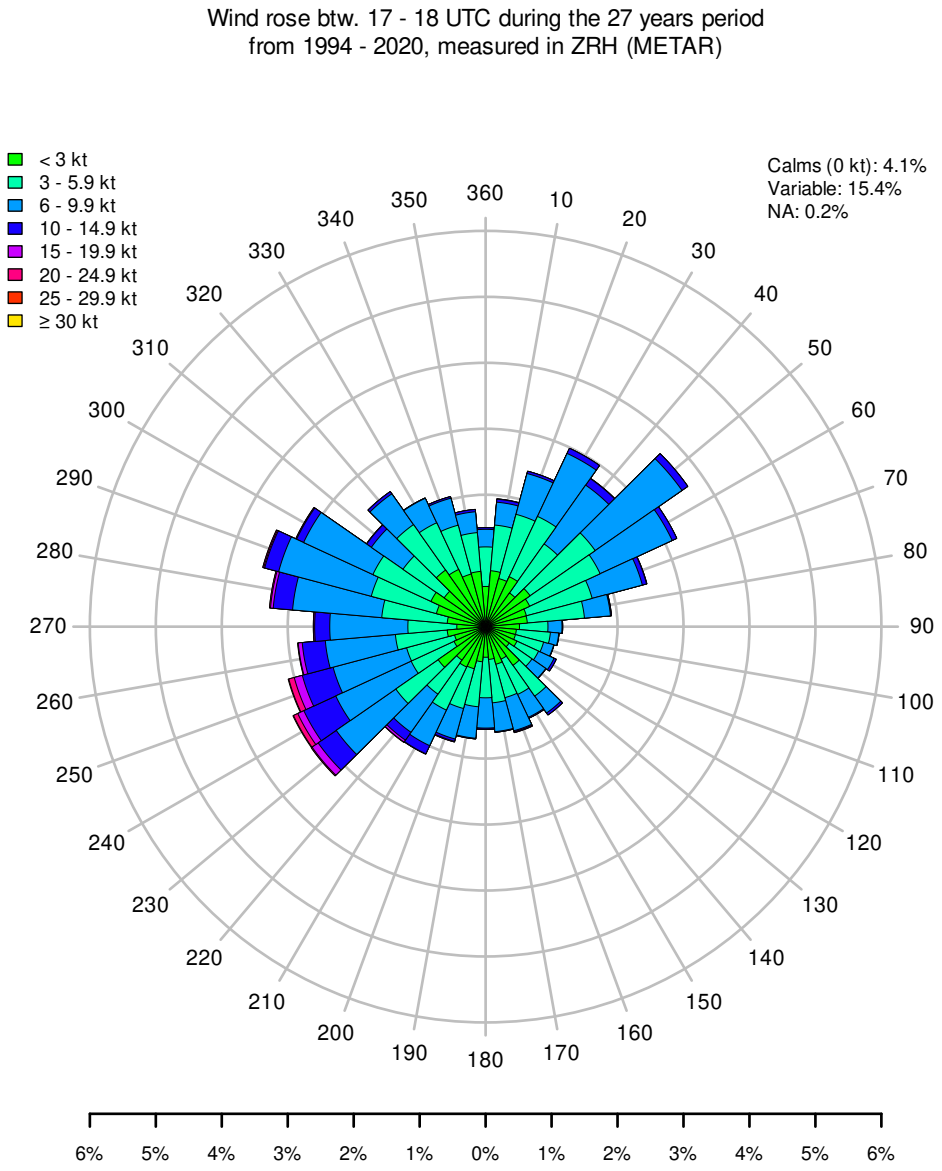
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.4% of all available METARs btw. 15 - 16 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.33: Wind rose at 15 - 16 UTC.



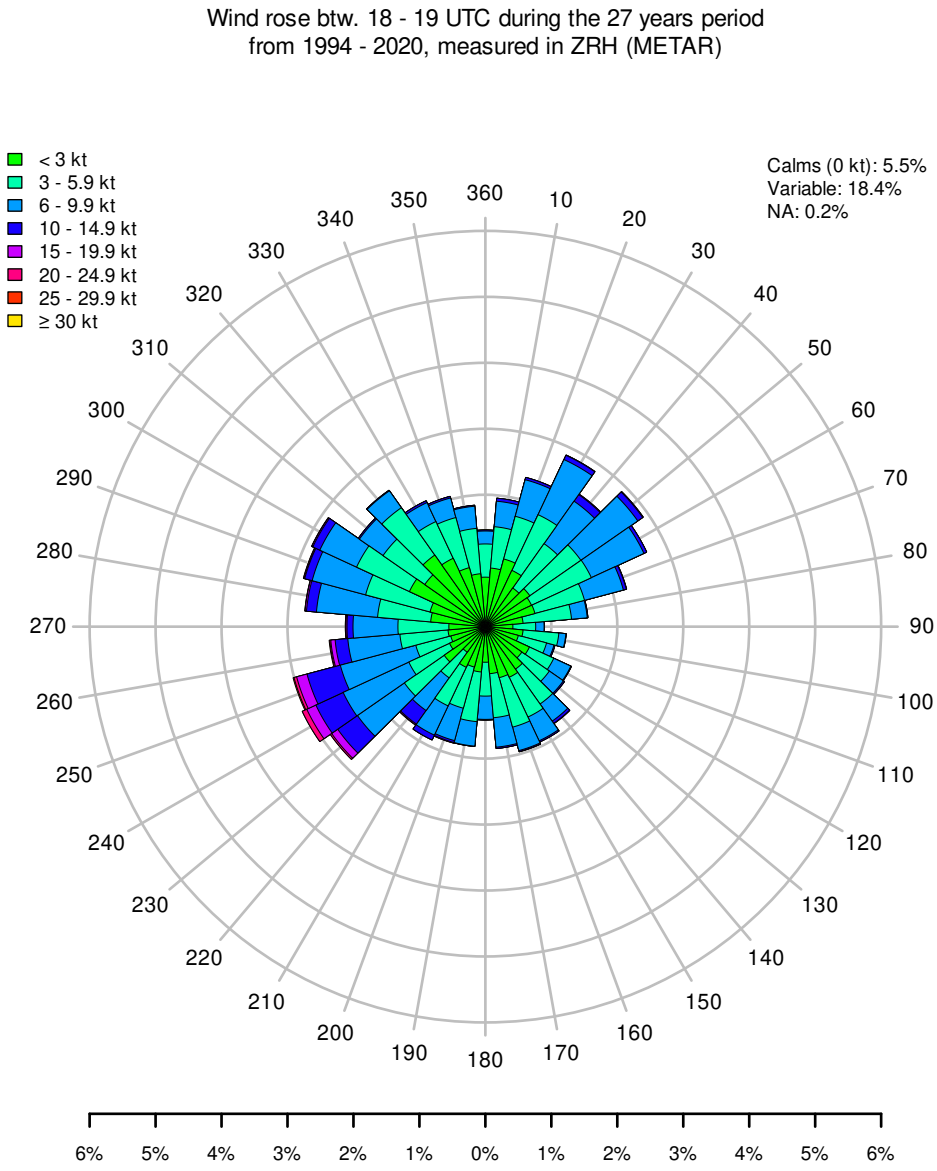
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.3% of all available METARs btw. 16 - 17 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.34: Wind rose at 16 - 17 UTC.



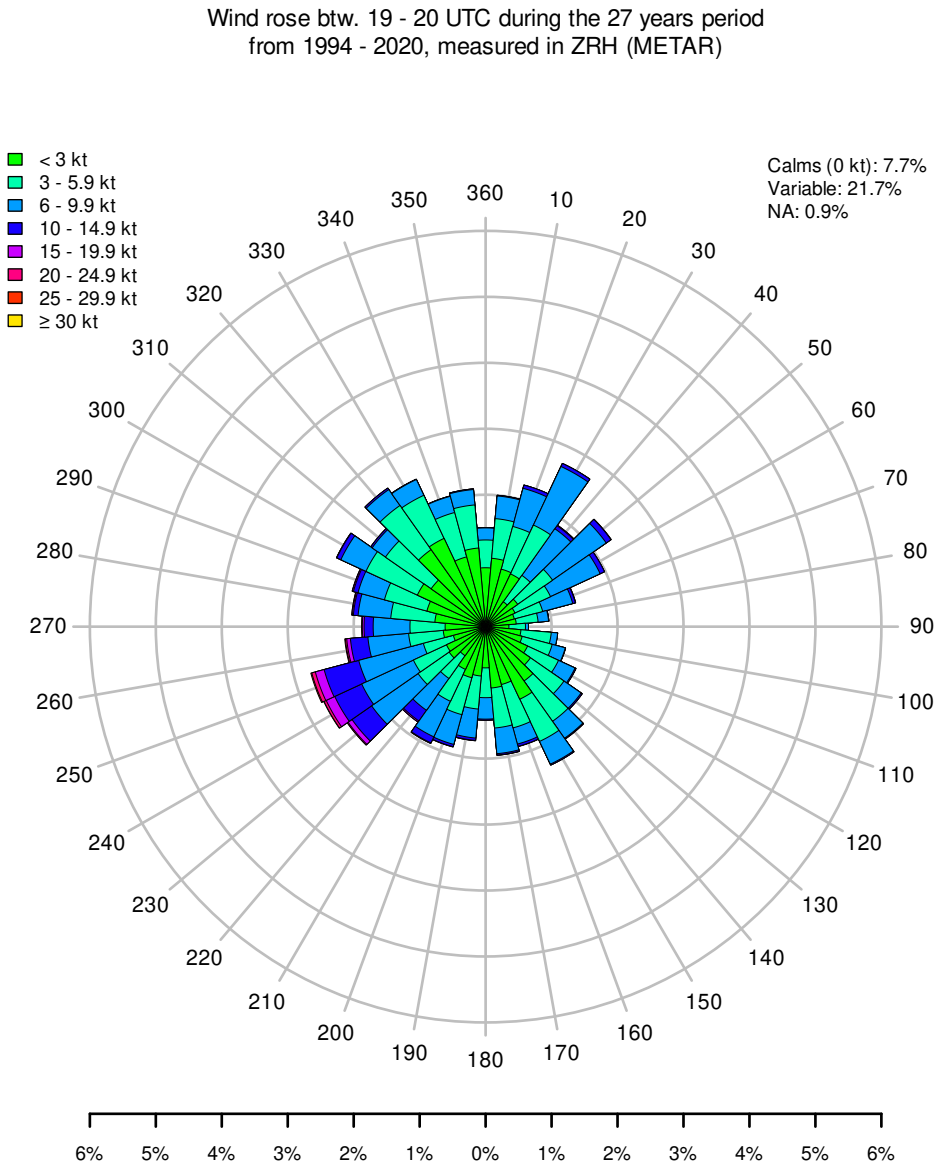
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 1.1% of all available METARs btw. 17 - 18 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.35: Wind rose at 17 - 18 UTC.



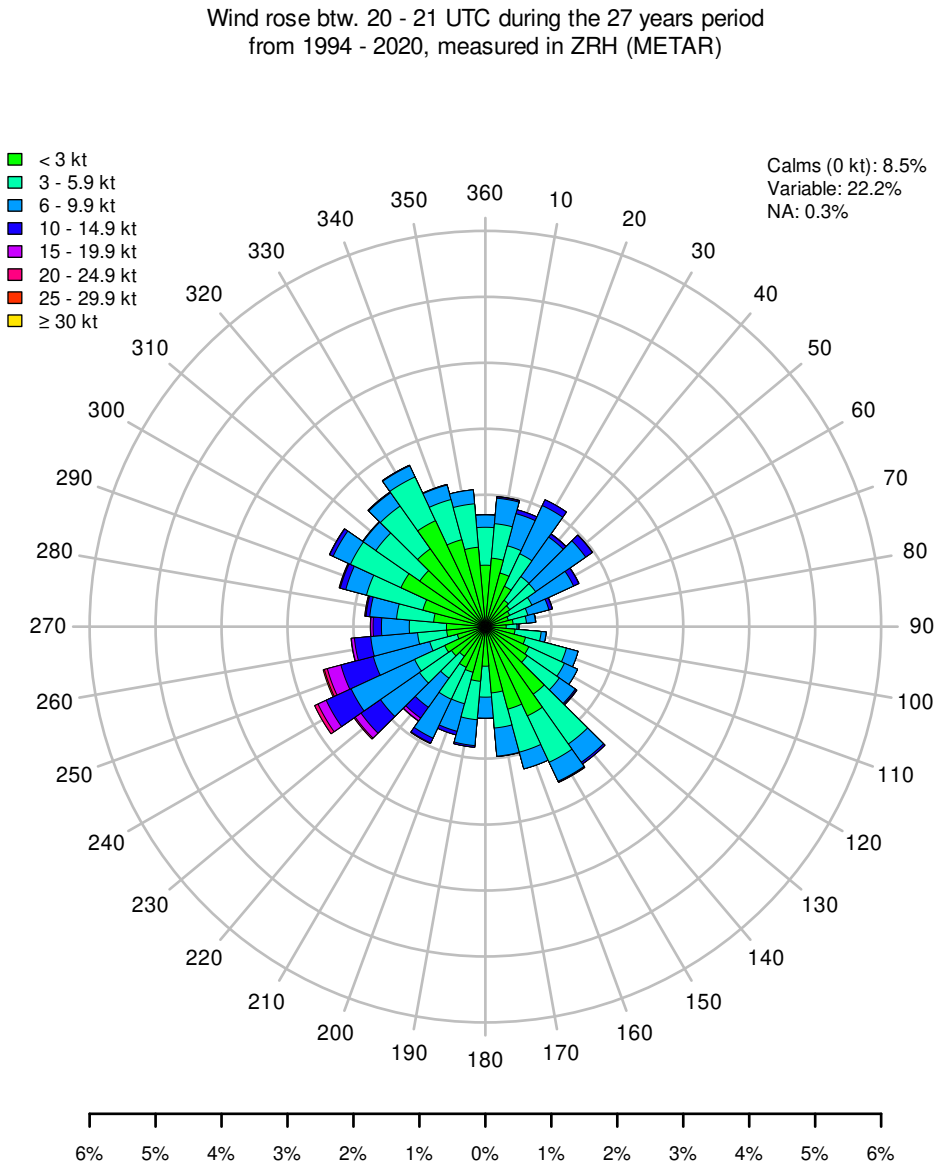
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.8% of all available METARs btw. 18 - 19 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.36: Wind rose at 18 - 19 UTC.



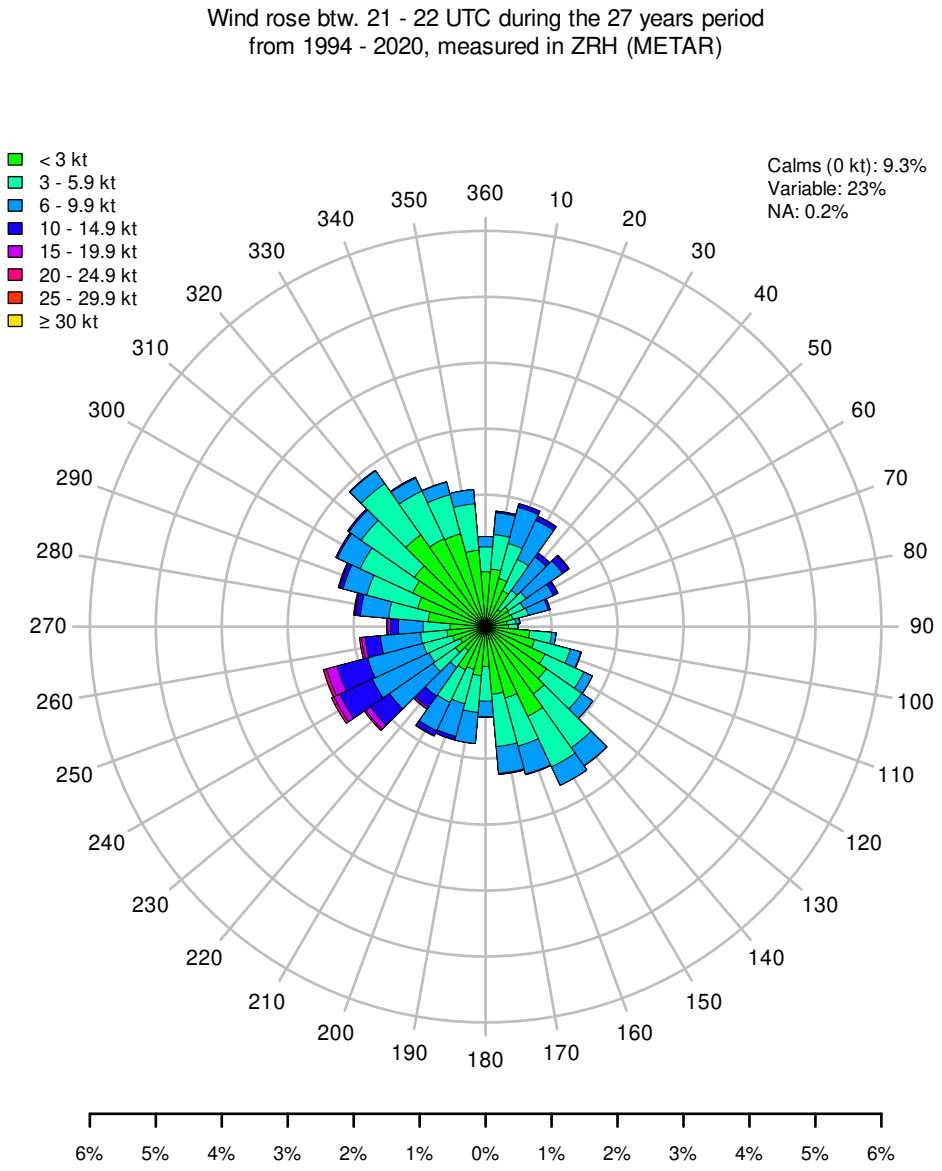
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.9% of all available METARs btw. 19 - 20 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.37: Wind rose at 19 - 20 UTC.



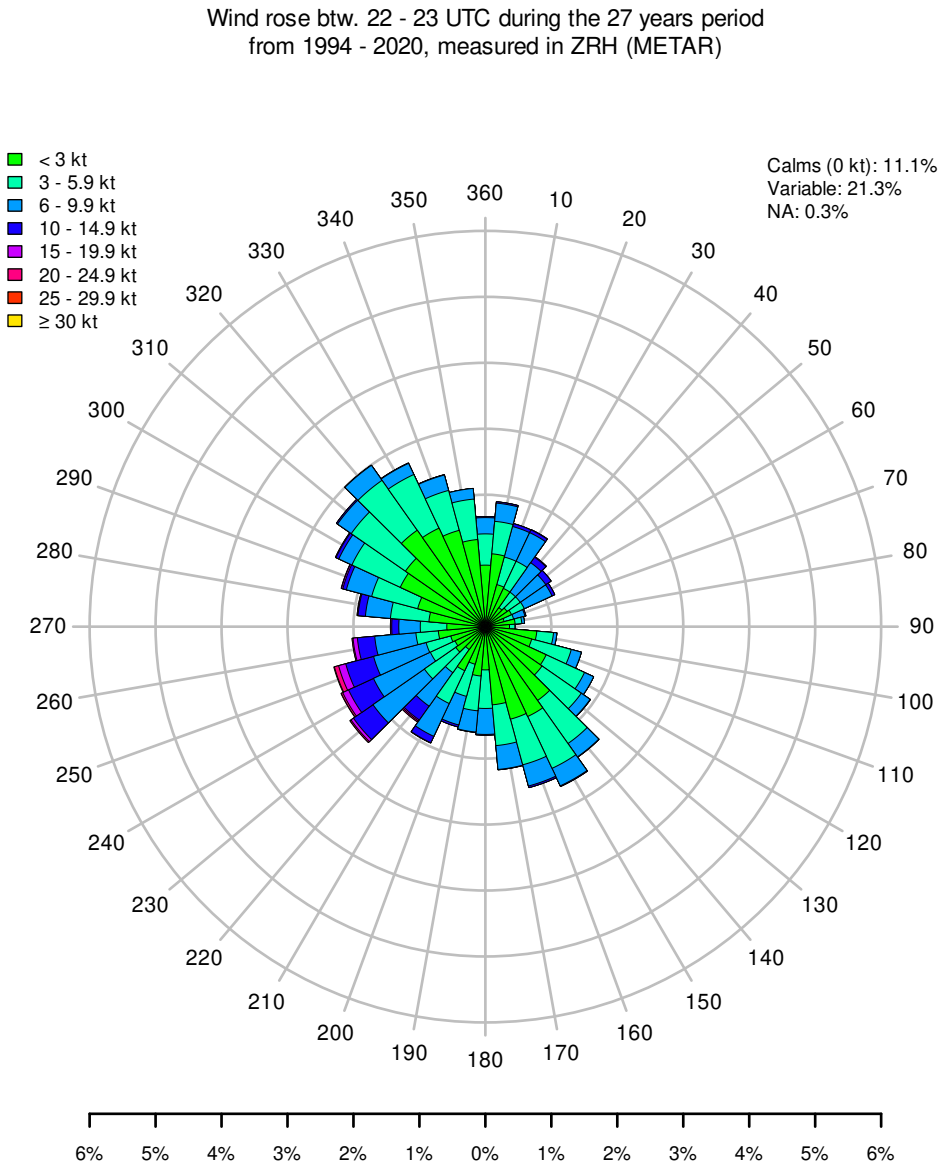
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.7% of all available METARs btw. 20 - 21 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.38: Wind rose at 20 - 21 UTC.



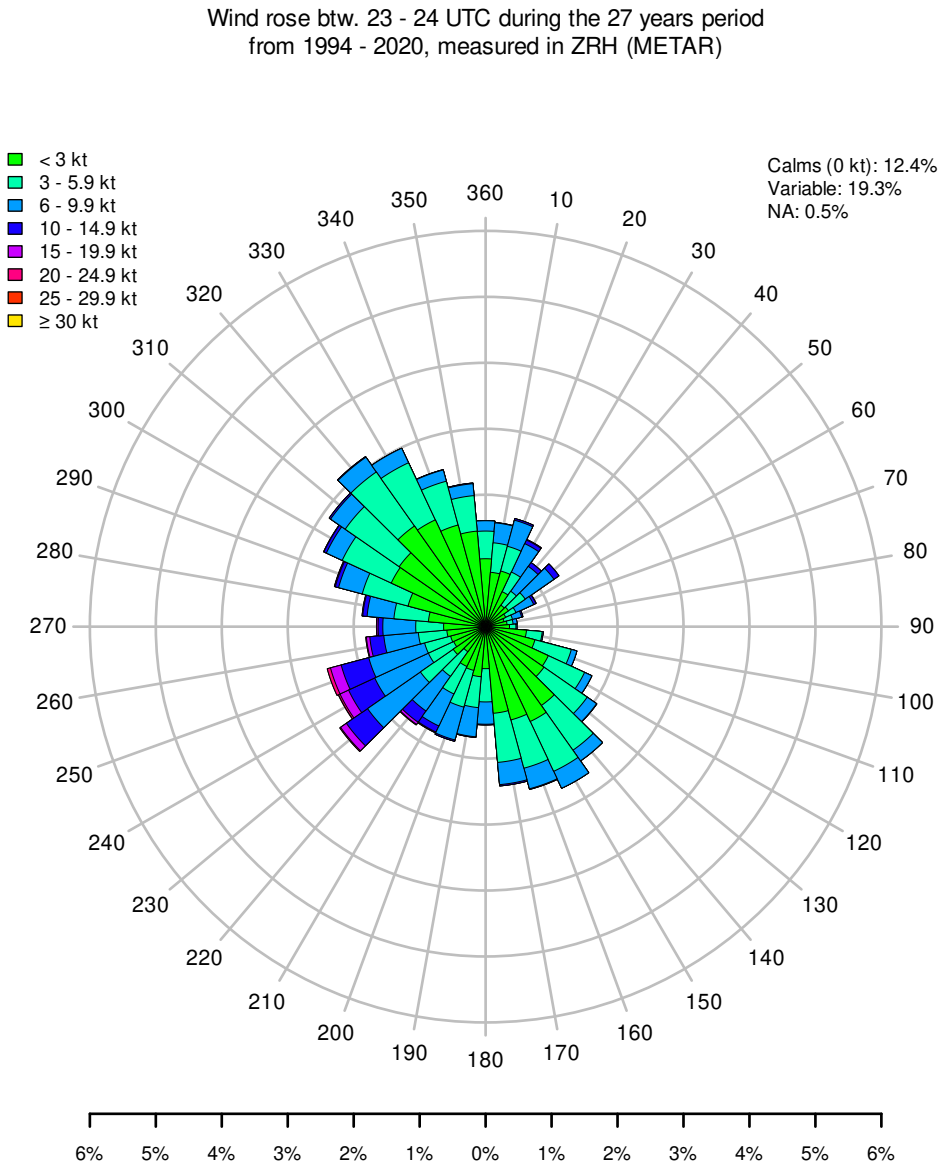
NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.6% of all available METARs btw. 21 - 22 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.39: Wind rose at 21 - 22 UTC.



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.5% of all available METARs btw. 22 - 23 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.40: Wind rose at 22 - 23 UTC.



NA: Percentage of not available METARs. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020, 0.5% of all available METARs btw. 23 - 24 UTC showed a wind speed between 6 - 9.9 kt with a wind direction of 40 degrees.

Figure 1.1.41: Wind rose at 23 - 24 UTC.

1.2 Wind Speed and Direction

In the following tables the frequencies in percent of occurrence of specific ranges of wind speed and wind direction are listed. The wind direction is divided into 30° sectors. The wind speed is classified into 14 ranges. The frequencies are calculated relative to all available METARs.
The cases with a wind speed of 0 kt are included in the value of calm. Variable consists of wind speeds $<$ 3 kt with a total wind direction variation $\geq$ 060° and $<$ 180° or higher wind speeds with a total wind direction variation $\geq$ 180° . The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

1.2.1 Wind Speed and Direction 27 years

Wind speed and direction during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.6	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.1	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.4	1.9	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.0	1.6	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.6	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.4	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.6	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.2	4.1	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.6	1.9	2.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.7	2.3	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.1	2.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.1: Wind speed and direction 27 years.

1.2.2 Wind Speed and Direction per Season

Wind speed and direction in Winter (DJF) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.5	2.0	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.1	1.6	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	2.0	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	3.1	2.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.8	2.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.6	2.3	3.3	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.1	5.1	3.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.5	1.3	2.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.5	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.7	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in Winter (DJF) showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.2: Wind speed and direction in Winter.

Wind speed and direction in Spring (MAM) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.6	10.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	1.9	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.2	2.0	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.7	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.7	0.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.3	1.8	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.3	2.1	4.4	2.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.1	3.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	2.5	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.8	2.6	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs in Spring (MAM) showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.3: Wind speed and direction in Spring.

Wind speed and direction in Summer (JJA) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.8	13.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.1	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.3	1.6	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.5	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.0	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.3	3.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.5	2.3	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.9	2.9	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.4	2.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in Summer (JJA) showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.4: Wind speed and direction in Summer.

Wind speed and direction in Autumn (SON) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.4	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.6	2.1	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.1	1.5	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	2.5	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.8	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	2.0	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.1	3.7	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.8	1.8	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.2	2.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.8	3.6	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.6% of all available METARs in Autumn (SON) showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.5: Wind speed and direction in Autumn.

1.2.3 Wind Speed and Direction per Month

Wind speed and direction in January during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.1	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.5	2.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.2	1.7	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.8	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.9	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.8	2.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.5	3.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.1	5.1	3.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.4	1.3	2.0	1.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.5	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.9	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in January showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.6: Wind speed and direction in January.

Wind speed and direction in February during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.8	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.4	1.9	3.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.4	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	2.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.9	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.8	1.9	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.1	3.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.2	2.1	5.7	3.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.4	1.4	2.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.5	1.6	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.6	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.8%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs in February showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.7: Wind speed and direction in February.

Wind speed and direction in March during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	9.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	1.8	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.0	1.8	3.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.6	3.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.7	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.1	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.5	1.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.2	1.7	2.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.2	5.6	3.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.0	3.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	2.1	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.4	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1% of all available METARs in March showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.8: Wind speed and direction in March.

Wind speed and direction in April during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	10.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	2.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.2	2.2	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.8	1.8	4.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.8	0.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.4	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.1	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.2	1.4	1.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.2	1.7	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.2	1.9	3.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.1	3.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	2.6	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.5	2.9	2.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs in April showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.9: Wind speed and direction in April.

Wind speed and direction in May during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.7	12.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.4	2.1	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.8	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	1.8	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.3	2.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.3	2.2	3.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.4	2.2	3.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.5	2.9	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	3.0	2.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs in May showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.10: Wind speed and direction in May.

Wind speed and direction in June during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	12.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.2	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.3	2.0	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.0	1.6	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.2	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	1.8	1.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.4	1.8	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.3	3.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.4	2.3	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.8	3.3	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	3.3	2.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in June showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.11: Wind speed and direction in June.

Wind speed and direction in July during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.5	12.3	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.3	1.6	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.6	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.2	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	2.1	1.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.2	1.4	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.3	2.3	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.3	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.7	2.6	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	3.2	2.6	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in July showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.12: Wind speed and direction in July.

Wind speed and direction in August during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	14.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.1	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.3	1.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.9	1.4	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.2	1.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.5	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.3	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	2.3	3.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.3	2.7	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.6	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in August showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.13: Wind speed and direction in August.

Wind speed and direction in September during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.4	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.5	1.9	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.6	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.5	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.5	1.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.5	2.2	3.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.9	2.2	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.7	3.5	2.5	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.0	3.6	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in September showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.14: Wind speed and direction in September.

Wind speed and direction in October during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.3	12.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.5	2.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.6	2.2	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.0	1.3	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.7	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	2.6	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.8	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	2.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.5	1.9	3.7	1.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.6	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.7	3.3	2.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.8	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.1% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.6% of all available METARs in October showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.15: Wind speed and direction in October.

Wind speed and direction in November during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	11.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.2	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.7	2.2	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.4	1.6	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	2.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	3.0	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.1	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.9	2.2	2.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.9	2.2	4.0	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.6	1.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.9	2.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.7% of all available METARs in November showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.16: Wind speed and direction in November.

Wind speed and direction in December during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	10.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	1.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.5	2.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.3	1.8	2.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	2.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	3.4	3.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.9	2.6	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.8	2.4	3.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.2	4.5	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.5	1.2	1.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.5	1.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.5	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in December showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.17: Wind speed and direction in December.

1.2.4 Wind Speed and Direction per Hour

Wind speed and direction btw. 00 - 01 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.8	9.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.8	2.8	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.5	1.2	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.7	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.5	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.6	3.7	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.6	2.2	1.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	1.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.3	1.3	2.7	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.6	1.2	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.9	3.6	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.0	4.5	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 47.9%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 00 - 01 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.18: Wind speed and direction at 00 - 01 UTC.

Wind speed and direction btw. 01 - 02 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.0	9.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.9	2.5	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.3	1.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.6	0.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.8	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.2	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.7	1.5	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.2	1.5	2.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.5	1.6	1.1	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.6	2.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.3	4.3	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 01 - 02 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.19: Wind speed and direction at 01 - 02 UTC.

Wind speed and direction btw. 02 - 03 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.0	9.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	1.0	2.5	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.3	0.9	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.7	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.7	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.8	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.6	2.2	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	1.5	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.4	1.3	2.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.2	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.7	2.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.2	4.4	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 02 - 03 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.20: Wind speed and direction at 02 - 03 UTC.

Wind speed and direction btw. 03 - 04 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.1	8.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.9	2.6	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.5	1.2	1.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.7	0.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.5	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.8	3.7	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.6	2.4	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	1.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.4	1.5	2.6	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.5	1.7	1.1	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.9	3.9	2.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.3	4.8	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 03 - 04 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.21: Wind speed and direction at 03 - 04 UTC.

Wind speed and direction btw. 04 - 05 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.5	9.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	1.0	2.6	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.2	1.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.7	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.0	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.8	3.9	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.4	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.7	1.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.3	1.4	2.7	1.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.5	1.7	1.1	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.9	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.2	4.4	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 04 - 05 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.22: Wind speed and direction at 04 - 05 UTC.

Wind speed and direction btw. 05 - 06 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	11.6	10.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.5	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.2	1.2	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.7	0.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.2	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.3	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.0	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.8	1.7	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.4	1.4	2.9	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	2.0	1.1	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	1.0	4.0	1.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.1	4.2	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 05 - 06 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.23: Wind speed and direction at 05 - 06 UTC.

Wind speed and direction btw. 06 - 07 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	11.7	13.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.6	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.2	1.6	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.7	0.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	3.2	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	2.0	1.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	2.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.5	2.0	3.1	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.8	1.3	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.2	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.6	2.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 06 - 07 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.24: Wind speed and direction at 06 - 07 UTC.

Wind speed and direction btw. 07 - 08 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.8	15.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.3	2.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.4	2.2	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.5	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.6	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.7	1.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	2.6	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.6	2.4	4.1	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.6	1.5	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	2.7	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.9	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs btw. 07 - 08 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.25: Wind speed and direction at 07 - 08 UTC.

Wind speed and direction btw. 08 - 09 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.4	16.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	2.0	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.4	2.5	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.0	1.7	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	2.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.2	1.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.8	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.6	3.0	5.3	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	1.8	2.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	1.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.5	2.3	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs btw. 08 - 09 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.26: Wind speed and direction at 08 - 09 UTC.

Wind speed and direction btw. 09 - 10 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	5.5	16.7	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.7	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.2	2.5	3.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	1.0	1.8	3.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.5	0.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.1	0.8	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	1.3	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.0	1.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	1.2	2.7	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.6	3.2	6.0	2.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.4	2.3	3.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.3	2.0	1.8	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.3	2.1	2.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 09 - 10 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.27: Wind speed and direction at 09 - 10 UTC.

Wind speed and direction btw. 10 - 11 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.9	15.3	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.4	2.3	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.2	2.6	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.9	2.2	4.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.5	0.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.6	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	1.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	0.8	1.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	1.0	2.8	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.5	3.4	6.8	2.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.5	2.4	3.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.9	2.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.3	1.8	2.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 10 - 11 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.28: Wind speed and direction at 10 - 11 UTC.

Wind speed and direction btw. 11 - 12 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.0	13.8	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.1	1.2	2.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.1	2.6	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.8	2.2	4.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.0	0.5	0.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.8	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	0.7	1.1	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.0	0.8	2.5	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.1	3.3	7.2	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.3	2.7	4.8	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.6	2.3	2.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	2.0	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.1% of all available METARs btw. 11 - 12 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.29: Wind speed and direction at 11 - 12 UTC.

Wind speed and direction btw. 12 - 13 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	2.5	12.8	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.1	1.2	2.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.0	2.4	4.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.8	2.1	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.5	0.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.6	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.0	0.6	1.6	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	0.8	2.6	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.2	3.2	7.1	2.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.0	1.2	2.7	5.1	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.1	1.6	2.5	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	1.6	2.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1% of all available METARs btw. 12 - 13 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.30: Wind speed and direction at 12 - 13 UTC.

Wind speed and direction btw. 13 - 14 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.1	11.7	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.1	1.1	2.2	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.0	2.5	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.8	2.4	5.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.0	0.4	0.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.6	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	0.8	1.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.0	1.1	2.6	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.3	2.9	6.9	2.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.2	2.9	5.5	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.7	2.7	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	1.7	2.2	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1% of all available METARs btw. 13 - 14 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.31: Wind speed and direction at 13 - 14 UTC.

Wind speed and direction btw. 14 - 15 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.1	10.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.4	2.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.2	2.6	4.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	1.0	2.6	5.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.0	0.5	1.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.8	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.0	1.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	1.4	2.5	3.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.6	3.1	6.1	2.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.2	2.6	5.3	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.7	2.8	4.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	1.6	2.4	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 14 - 15 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.32: Wind speed and direction at 14 - 15 UTC.

Wind speed and direction btw. 15 - 16 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.6	9.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.6	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.5	2.8	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	1.3	2.9	5.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.9	1.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.1	0.8	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	1.1	1.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.1	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.7	2.0	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.6	2.8	4.9	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.3	2.7	5.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.7	2.6	3.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	2.0	2.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs btw. 15 - 16 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.33: Wind speed and direction at 15 - 16 UTC.

Wind speed and direction btw. 16 - 17 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	4.9	8.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	1.7	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.9	2.6	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.7	3.2	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	1.2	1.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.1	1.0	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.2	1.2	1.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.4	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.8	2.1	2.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.4	4.3	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.4	2.5	4.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.3	2.2	2.7	3.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.4	2.4	2.6	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.9% of all available METARs btw. 16 - 17 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.34: Wind speed and direction at 16 - 17 UTC.

Wind speed and direction btw. 17 - 18 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	5.9	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	2.1	1.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	2.1	2.9	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	2.0	3.4	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	1.5	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	1.6	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.2	1.3	2.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.8	2.0	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.3	3.5	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.4	2.5	3.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.3	2.2	2.8	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.3	2.6	2.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 2.1% of all available METARs btw. 17 - 18 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.35: Wind speed and direction at 17 - 18 UTC.

Wind speed and direction btw. 18 - 19 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.7	10.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	2.2	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	2.4	2.4	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	2.2	2.7	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.4	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.7	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.0	2.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.6	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.6	1.8	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.0	3.1	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.6	2.3	2.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.9	2.7	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.5	3.0	2.3	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 2.4% of all available METARs btw. 18 - 19 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.36: Wind speed and direction at 18 - 19 UTC.

Wind speed and direction btw. 19 - 20 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.5	12.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.6	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.9	2.0	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.2	1.7	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.1	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.8	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.9	1.6	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.8	1.5	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.5	1.6	2.7	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.7	1.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.7	2.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.3	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.9%, missing values: 0.1% (speed), 0.1% (direction).
Example: During the 27 years period from 1994 to 2020, 1.9% of all available METARs btw. 19 - 20 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.37: Wind speed and direction at 19 - 20 UTC.

Wind speed and direction btw. 20 - 21 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.1	11.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.5	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.5	1.5	1.4	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.9	1.2	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.8	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.4	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	1.4	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.5	1.5	2.7	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.6	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.0	2.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.7	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs btw. 20 - 21 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.38: Wind speed and direction at 20 - 21 UTC.

Wind speed and direction btw. 21 - 22 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	9.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.0	12.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.2	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.3	1.4	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.8	0.8	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.5	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	3.4	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.5	1.4	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.2	1.4	2.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.4	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	3.1	2.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.9	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 21 - 22 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.39: Wind speed and direction at 21 - 22 UTC.

Wind speed and direction btw. 22 - 23 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°] \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	11.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.9	10.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.8	2.6	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.2	1.2	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.8	0.6	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.4	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.6	3.8	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.1	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.4	1.5	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.3	1.4	2.7	1.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.3	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	3.4	2.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.0	4.0	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 22 - 23 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.40: Wind speed and direction at 22 - 23 UTC.

Wind speed and direction btw. 23 - 24 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.7	9.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.8	2.5	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.3	1.0	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.7	0.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.5	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.9	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.2	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.5	1.5	1.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.3	1.4	2.8	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.4	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.8	2.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.1	4.2	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 23 - 24 UTC showed a wind speed between 1 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.2.41: Wind speed and direction at 23 - 24 UTC.

1.3 Cumulative Wind Speed and Direction

In the following tables the cumulative frequencies in percent of occurrence of specific ranges of wind speed and wind direction are listed. The wind direction is divided into 30° sectors. The wind speed is classified into 13 ranges. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs.

The cases with a wind speed of 0 kt are included in the value of calm. Variable consists of wind speeds $<$ 3 kt with a total wind direction variation $\geq$ 060° and $<$ 180° or higher wind speeds with a total wind direction variation $\geq$ 180° . The light gray shaded cells indicate values where the cumulative frequency of a particular wind direction differs from the frequency of the previous wind speed class.

1.3.1 Cumulative Wind Speed and Direction 27 years

Cumulative wind speed and direction during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt]													
	0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.6	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.1	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.4	1.9	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.0	1.6	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.6	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.4	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.6	1.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.2	4.1	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.6	1.9	2.7	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.7	2.3	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.1	2.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.1: Cumulative wind speed and direction 27 years.

1.3.2 Cumulative Wind Speed and Direction per Season

Cumulative wind speed and direction in Winter (DJF) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	1.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.5	2.0	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.1	1.6	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	2.0	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	3.1	2.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.8	2.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.6	2.3	3.3	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.1	5.1	3.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.5	1.3	2.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.5	1.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.7	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in Winter (DJF) showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.2: Cumulative wind speed and direction in Winter.

Cumulative wind speed and direction in Spring (MAM) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.6	10.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	1.9	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.2	2.0	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.7	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.7	0.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.3	1.8	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.3	2.1	4.4	2.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.1	3.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	2.5	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.8	2.6	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs in Spring (MAM) showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.3: Cumulative wind speed and direction in Spring.

Cumulative wind speed and direction in Summer (JJA) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.8	13.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.1	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.3	1.6	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.5	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.0	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.3	3.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.5	2.3	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.9	2.9	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.4	2.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in Summer (JJA) showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.4: Cumulative wind speed and direction in Summer.

Cumulative wind speed and direction in Autumn (SON) during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.4	2.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.6	2.1	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.1	1.5	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.7	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	2.5	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.8	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	2.0	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.1	3.7	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.8	1.8	2.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.2	2.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.8	3.6	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.6% of all available METARs in Autumn (SON) showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.5: Cumulative wind speed and direction in Autumn.

1.3.3 Cumulative Wind Speed and Direction per Month

Cumulative wind speed and direction in January during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.1	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.5	2.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.2	1.7	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.8	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.9	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.8	2.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.5	3.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.1	5.1	3.5	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.4	1.3	2.0	1.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.5	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.9	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in January showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.6: Cumulative wind speed and direction in January.

Cumulative wind speed and direction in February during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.8	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.4	1.9	3.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.4	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	2.0	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.9	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.8	1.9	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.1	3.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.2	2.1	5.7	3.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.4	1.4	2.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.5	1.6	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.6	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.8%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs in February showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.7: Cumulative wind speed and direction in February.

Cumulative wind speed and direction in March during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	9.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	1.8	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.0	1.8	3.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.6	3.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.7	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.1	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.5	1.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.2	1.7	2.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.2	5.6	3.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.0	3.1	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	2.1	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.4	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1% of all available METARs in March showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.8: Cumulative wind speed and direction in March.

Cumulative wind speed and direction in April during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	10.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	2.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.2	2.2	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.8	1.8	4.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.8	0.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.4	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.1	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.2	1.4	1.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.2	1.7	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.2	1.9	3.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.1	3.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	2.6	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.5	2.9	2.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs in April showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.9: Cumulative wind speed and direction in April.

Cumulative wind speed and direction in May during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.7	12.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.0	2.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.4	2.1	3.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.8	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	1.8	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.3	2.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.3	2.2	3.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.4	2.2	3.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.5	2.9	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	3.0	2.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs in May showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.10: Cumulative wind speed and direction in May.

Cumulative wind speed and direction in June during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	12.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.2	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.3	2.0	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.0	1.6	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.2	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	1.8	1.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.4	1.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.4	1.8	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.3	3.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.4	2.3	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.8	3.3	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	3.3	2.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in June showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.11: Cumulative wind speed and direction in June.

Cumulative wind speed and direction in July during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.5	12.3	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.3	1.6	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.6	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.2	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	2.1	1.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.2	1.4	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.3	2.3	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	2.3	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.7	2.6	3.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	3.2	2.6	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in July showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.12: Cumulative wind speed and direction in July.

Cumulative wind speed and direction in August during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	14.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.1	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.3	1.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.9	1.4	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.6	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.2	1.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.5	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.4	2.3	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	2.3	3.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.3	2.7	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.6	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs in August showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.13: Cumulative wind speed and direction in August.

Cumulative wind speed and direction in September during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.4	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.5	1.9	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.8	1.6	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.3	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.5	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.5	1.7	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.5	2.2	3.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.9	2.2	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.7	3.5	2.5	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.0	3.6	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in September showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.14: Cumulative wind speed and direction in September.

Cumulative wind speed and direction in October during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.3	12.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.5	2.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.6	2.2	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.0	1.3	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.7	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	2.6	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.8	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	2.0	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.5	1.9	3.7	1.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.6	1.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.7	3.3	2.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.8	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.1% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.6% of all available METARs in October showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.15: Cumulative wind speed and direction in October.

Cumulative wind speed and direction in November during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	11.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.5	2.2	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.7	2.2	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.4	1.6	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	2.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	3.0	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.1	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.9	2.2	2.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.9	2.2	4.0	1.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.6	1.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.9	2.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.4	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.7% of all available METARs in November showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.16: Cumulative wind speed and direction in November.

Cumulative wind speed and direction in December during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	10.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	1.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.5	2.0	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.3	1.8	2.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	2.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	3.4	3.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.9	2.6	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.8	2.4	3.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.2	4.5	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.5	1.2	1.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	2.5	1.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.5	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs in December showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.17: Cumulative wind speed and direction in December.

1.3.4 Cumulative Wind Speed and Direction per Hour

Cumulative wind speed and direction btw. 00 - 01 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.8	9.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.8	2.8	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.5	1.2	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.7	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.5	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.6	3.7	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.6	2.2	1.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	1.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.3	1.3	2.7	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.6	1.2	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.9	3.6	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.0	4.5	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 47.9%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 00 - 01 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.18: Cumulative wind speed and direction at 00 - 01 UTC.

Cumulative wind speed and direction btw. 01 - 02 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.0	9.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.9	2.5	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.3	1.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.6	0.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.8	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.2	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.7	1.5	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.2	1.5	2.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.5	1.6	1.1	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.6	2.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.3	4.3	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 01 - 02 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.19: Cumulative wind speed and direction at 01 - 02 UTC.

Cumulative wind speed and direction btw. 02 - 03 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	14.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.0	9.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	1.0	2.5	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.3	0.9	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.7	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.7	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.8	2.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.6	2.2	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	1.5	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.4	1.3	2.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.2	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.7	2.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.2	4.4	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 02 - 03 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.20: Cumulative wind speed and direction at 02 - 03 UTC.

Cumulative wind speed and direction btw. 03 - 04 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.1	8.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.9	2.6	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.5	1.2	1.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.7	0.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.4	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.5	2.5	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.8	3.7	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.6	2.4	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.6	1.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.4	1.5	2.6	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.5	1.7	1.1	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.9	3.9	2.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.3	4.8	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 03 - 04 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.21: Cumulative wind speed and direction at 03 - 04 UTC.

Cumulative wind speed and direction btw. 04 - 05 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.5	9.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	1.0	2.6	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.2	1.1	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.7	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.0	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.8	3.9	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.4	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.7	1.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.3	1.4	2.7	1.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.5	1.7	1.1	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.9	1.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.2	4.4	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 04 - 05 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.22: Cumulative wind speed and direction at 04 - 05 UTC.

Cumulative wind speed and direction btw. 05 - 06 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	11.6	10.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.5	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.2	1.2	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.7	0.7	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.2	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.3	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.0	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.4	1.8	1.7	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.4	1.4	2.9	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	2.0	1.1	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	1.0	4.0	1.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.1	4.2	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 05 - 06 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.23: Cumulative wind speed and direction at 05 - 06 UTC.

Cumulative wind speed and direction btw. 06 - 07 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	11.7	13.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.6	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.2	1.6	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.7	0.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.8	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	3.2	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	2.0	1.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	2.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.5	2.0	3.1	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.8	1.3	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.8	3.2	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.6	2.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 06 - 07 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.24: Cumulative wind speed and direction at 06 - 07 UTC.

Cumulative wind speed and direction btw. 07 - 08 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.8	15.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.4	2.3	2.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.4	2.2	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	0.9	1.5	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.6	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.7	1.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	2.6	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.4	1.6	2.4	4.1	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.6	1.5	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	2.7	1.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.6	2.9	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs btw. 07 - 08 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.25: Cumulative wind speed and direction at 07 - 08 UTC.

Cumulative wind speed and direction btw. 08 - 09 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.4	16.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	2.0	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.4	2.5	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.0	1.7	2.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.7	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	2.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.2	1.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.5	2.8	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.6	3.0	5.3	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.5	1.8	2.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.3	1.8	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.5	2.3	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.4% of all available METARs btw. 08 - 09 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.26: Cumulative wind speed and direction at 08 - 09 UTC.

Cumulative wind speed and direction btw. 09 - 10 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	5.5	16.7	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.7	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	1.2	2.5	3.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	1.0	1.8	3.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.5	0.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.1	0.8	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	1.3	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.0	1.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	1.2	2.7	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.6	3.2	6.0	2.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.4	2.3	3.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.3	2.0	1.8	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.3	2.1	2.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 09 - 10 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.27: Cumulative wind speed and direction at 09 - 10 UTC.

Cumulative wind speed and direction btw. 10 - 11 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.9	15.3	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.4	2.3	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.2	2.6	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.9	2.2	4.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.5	0.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.6	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	1.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	0.8	1.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	1.0	2.8	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.5	3.4	6.8	2.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.5	2.4	3.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.9	2.2	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.3	1.8	2.1	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 10 - 11 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.28: Cumulative wind speed and direction at 10 - 11 UTC.

Cumulative wind speed and direction btw. 11 - 12 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.0	13.8	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.1	1.2	2.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.1	2.6	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.8	2.2	4.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.0	0.5	0.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.8	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	0.7	1.1	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.0	0.8	2.5	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.1	3.3	7.2	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.3	2.7	4.8	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.6	2.3	2.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	2.0	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.1% of all available METARs btw. 11 - 12 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.29: Cumulative wind speed and direction at 11 - 12 UTC.

Cumulative wind speed and direction btw. 12 - 13 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	2.5	12.8	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.1	1.2	2.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.0	2.4	4.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.8	2.1	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.5	0.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.6	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.0	0.6	1.6	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	0.8	2.6	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.2	3.2	7.1	2.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.0	1.2	2.7	5.1	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.1	1.6	2.5	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	1.6	2.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1% of all available METARs btw. 12 - 13 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.30: Cumulative wind speed and direction at 12 - 13 UTC.

Cumulative wind speed and direction btw. 13 - 14 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.1	11.7	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.1	1.1	2.2	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.0	2.5	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	0.8	2.4	5.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.0	0.4	0.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.6	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	0.8	1.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.0	1.1	2.6	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.3	2.9	6.9	2.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.2	2.9	5.5	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.7	2.7	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	1.7	2.2	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1% of all available METARs btw. 13 - 14 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.31: Cumulative wind speed and direction at 13 - 14 UTC.

Cumulative wind speed and direction btw. 14 - 15 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.1	10.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.4	2.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.2	2.6	4.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	1.0	2.6	5.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.0	0.5	1.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.0	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	0.8	1.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.0	1.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.1	1.4	2.5	3.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.1	1.6	3.1	6.1	2.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.2	2.6	5.3	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.7	2.8	4.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	1.6	2.4	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 14 - 15 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.32: Cumulative wind speed and direction at 14 - 15 UTC.

Cumulative wind speed and direction btw. 15 - 16 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	3.6	9.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.2	1.6	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.5	2.8	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.1	1.3	2.9	5.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	0.9	1.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.1	0.8	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.1	1.1	1.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.1	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.7	2.0	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.6	2.8	4.9	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.3	2.7	5.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.2	1.7	2.6	3.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.2	2.0	2.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs btw. 15 - 16 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.33: Cumulative wind speed and direction at 15 - 16 UTC.

Cumulative wind speed and direction btw. 16 - 17 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	4.9	8.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	1.7	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.1	1.9	2.6	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	1.7	3.2	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	1.2	1.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.1	1.0	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.2	1.2	1.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.1	1.4	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.8	2.1	2.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.2	1.4	2.4	4.3	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.1	1.4	2.5	4.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.3	2.2	2.7	3.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.4	2.4	2.6	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.9% of all available METARs btw. 16 - 17 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.34: Cumulative wind speed and direction at 16 - 17 UTC.

Cumulative wind speed and direction btw. 17 - 18 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	5.9	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	2.1	1.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.2	2.1	2.9	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	2.0	3.4	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.1	1.5	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.3	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.3	1.6	1.7	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.2	1.3	2.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.8	2.0	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.3	3.5	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.2	1.4	2.5	3.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.3	2.2	2.8	3.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.3	2.6	2.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 2.1% of all available METARs btw. 17 - 18 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.35: Cumulative wind speed and direction at 17 - 18 UTC.

Cumulative wind speed and direction btw. 18 - 19 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.7	10.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.3	2.2	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	2.4	2.4	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.2	2.2	2.7	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.4	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.2	1.7	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.0	2.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.3	1.6	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.2	1.6	1.8	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.6	2.0	3.1	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.6	2.3	2.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.9	2.7	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.5	3.0	2.3	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 2.4% of all available METARs btw. 18 - 19 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.36: Cumulative wind speed and direction at 18 - 19 UTC.

Cumulative wind speed and direction btw. 19 - 20 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.5	12.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.6	2.6	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.3	1.9	2.0	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	1.2	1.7	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.1	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.4	2.8	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	1.9	1.6	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.8	1.5	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.5	1.6	2.7	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.7	1.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.4	2.7	2.4	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.3	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.9%, missing values: 0.1% (speed), 0.1% (direction).
Example: During the 27 years period from 1994 to 2020, 1.9% of all available METARs btw. 19 - 20 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.37: Cumulative wind speed and direction at 19 - 20 UTC.

Cumulative wind speed and direction btw. 20 - 21 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.1	11.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.5	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.5	1.5	1.4	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.9	1.2	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.2	1.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.3	1.8	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.4	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.0	1.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.7	1.4	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.5	1.5	2.7	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.6	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.0	2.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.9	3.7	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.5% of all available METARs btw. 20 - 21 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.38: Cumulative wind speed and direction at 20 - 21 UTC.

Cumulative wind speed and direction btw. 21 - 22 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	9.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	10.0	12.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.7	2.2	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.3	1.4	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.8	0.8	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.5	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.5	3.4	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.4	2.0	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.5	1.4	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.2	1.4	2.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.3	1.7	1.4	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	3.1	2.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	0.7	3.9	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 21 - 22 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.39: Cumulative wind speed and direction at 21 - 22 UTC.

Cumulative wind speed and direction btw. 22 - 23 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	11.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.9	10.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.8	2.6	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.4	1.2	1.2	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.3	0.8	0.6	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.4	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.6	3.8	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.1	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.4	1.5	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.3	1.4	2.7	1.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.3	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.5	3.4	2.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.0	4.0	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.2% of all available METARs btw. 22 - 23 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.40: Cumulative wind speed and direction at 22 - 23 UTC.

Cumulative wind speed and direction btw. 23 - 24 UTC during the 27 years period from 1994 - 2020 measured in ZRH (METAR)

Wind Direction [°]	Wind Speed [kt] 0	>0 - 1	>0 - 2	>0 - 5	>0 - 10	>0 - 15	>0 - 20	>0 - 25	>0 - 30	>0 - 35	>0 - 40	>0 - 45	>0 - 49	>50
Calm	12.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.7	9.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350-360-010	-	0.8	2.5	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
020-030-040	-	0.6	1.3	1.0	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
050-060-070	-	0.4	0.7	0.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
080-090-100	-	0.3	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110-120-130	-	0.4	2.5	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140-150-160	-	0.7	3.9	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170-180-190	-	0.5	2.2	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200-210-220	-	0.3	1.5	1.5	1.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230-240-250	-	0.3	1.3	1.4	2.8	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260-270-280	-	0.4	1.7	1.4	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290-300-310	-	0.6	3.8	2.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320-330-340	-	1.1	4.2	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cumulated frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 to 2020, 1.3% of all available METARs btw. 23 - 24 UTC showed a wind speed between >0 - 2 kt with wind direction in sector 020-030-040 degrees.

Figure 1.3.41: Cumulative wind speed and direction at 23 - 24 UTC.

1.4 Wind RWY 16 (34)

In the following tables the frequencies in percent of occurrence of specific ranges of wind speed and wind direction are listed. The wind direction is divided into head-, tail-, left and right crosswind relative to runway 16. The wind speed is classified into 13 ranges. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs.
The cases with a wind speed of 0 kt are included in the value of calm. Variable consists of wind speeds < 3 kt with a total wind direction variation $\geq 060°$ and $< 180°$ or higher wind speeds with a total wind direction variation $\geq 180°$. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

1.4.1 Wind RWY 27 years

Wind RWY 16 (34) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.6	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	5.7	5.2	3.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.7	6.2	9.3	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	7.7	6.4	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	3.1	4.0	5.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.7% of all available observations showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.1: Wind RWY 27 years.

1.4.2 Wind RWY 16 (34) per Season

Wind RWY 16 (34) in Winter (DJF) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	6.9	7.3	4.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.7	5.4	9.9	5.3	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	7.0	5.3	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	3.5	4.0	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.9% of all available observations in Winter (DJF) showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.2: Wind RWY in Winter.

Wind RWY 16 (34) in Spring (MAM) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.6	10.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.9	4.3	2.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.3	6.3	10.3	3.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	6.8	6.9	4.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	2.6	4.2	7.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.9% of all available observations in Spring (MAM) showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.3: Wind RWY in Spring.

Wind RWY 16 (34) in Summer (JJA) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.8	13.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.8	5.0	4.3	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.7	7.0	9.4	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.7	8.0	6.7	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	2.9	3.9	4.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5% of all available observations in Summer (JJA) showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.4: Wind RWY in Summer.

Wind RWY 16 (34) in Autumn (SON) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	6.1	4.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.1	5.4	5.9	7.5	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.0	8.9	6.8	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.4	3.9	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.1% of all available observations in Autumn (SON) showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.5: Wind RWY in Autumn.

1.4.3 Wind RWY per Month

Wind RWY 16 (34) in January during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	6.6	7.3	4.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.9	4.6	5.4	9.6	5.4	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.5	7.3	5.7	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	3.6	4.1	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.6% of all available observations in January showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.6: Wind RWY in January.

Wind RWY 16 (34) in February during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.8	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	6.6	6.4	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.3	5.5	11.2	5.9	1.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.3	6.9	5.4	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	3.2	3.8	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.8%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.6% of all available observations in February showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.7: Wind RWY in February.

Wind RWY 16 (34) in March during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	9.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	5.0	4.3	3.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.4	6.3	11.5	6.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	6.2	5.9	4.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	2.6	4.0	6.8	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5% of all available observations in March showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.8: Wind RWY in March.

Wind RWY 16 (34) in April during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	10.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	5.0	4.3	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.0	6.0	9.2	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	7.0	7.4	5.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	2.7	4.3	8.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5% of all available observations in April showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.9: Wind RWY in April.

Wind RWY 16 (34) in May during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.7	12.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.6	4.4	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.6	4.4	6.7	10.1	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	7.2	7.4	4.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	2.7	4.3	7.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.6% of all available observations in May showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.10: Wind RWY in May.

Wind RWY 16 (34) in June during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	12.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.8	4.6	3.8	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.4	7.1	9.1	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.5	8.0	7.6	5.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.5	2.9	4.1	5.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.6% of all available observations in June showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.11: Wind RWY in June.

Wind RWY 16 (34) in July during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.5	12.3	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.7	4.9	4.4	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.5	6.8	10.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	7.6	6.6	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	2.9	4.0	4.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.9% of all available observations in July showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.12: Wind RWY in July.

Wind RWY 16 (34) in August during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	14.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	5.5	4.7	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.9	5.0	7.0	8.6	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.1	8.5	6.0	2.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	3.1	3.6	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.5% of all available observations in August showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.13: Wind RWY in August.

Wind RWY 16 (34) in September during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.9	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.1	5.3	6.3	7.7	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.3	9.0	6.9	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	2.9	4.0	5.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.9% of all available observations in September showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.14: Wind RWY in September.

Wind RWY 16 (34) in October during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.3	12.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.2	6.1	5.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	5.2	5.4	7.2	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.1	9.4	7.7	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	3.3	3.5	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.1% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.1% of all available observations in October showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.15: Wind RWY in October.

Wind RWY 16 (34) in November during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	11.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.2	7.3	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.0	5.6	6.0	7.8	2.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	8.3	5.9	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	4.1	4.2	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.3% of all available observations in November showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.16: Wind RWY in November.

Wind RWY 16 (34) in December during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 16 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	10.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	7.5	8.0	5.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.9	5.0	5.4	9.0	4.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	6.8	4.9	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.6	3.7	4.2	4.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.5% of all available observations in December showed a Headwind relative to runway 16 (180° opposite for runway 34) with a wind speed between 1 - 2 kt.

Figure 1.4.17: Wind RWY in December.

1.5 Wind RWY 14 (32)

In the following tables the frequencies in percent of occurrence of specific ranges of wind speed and wind direction are listed. The wind direction is divided into head-, tail-, left and right crosswind relative to runway 14 (32). The wind speed is classified into 13 ranges. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs.
The cases with a wind speed of 0 kt are included in the value of calm. Variable consists of wind speeds < 3 kt with a total wind direction variation $\geq 060°$ and $< 180°$ or higher wind speeds with a total wind direction variation $\geq 180°$. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

1.5.1 Wind RWY 14 (32) 27 years

Wind RWY 14 (32) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.6	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	5.4	4.6	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.3	6.0	8.7	2.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	8.0	6.6	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	3.5	4.6	6.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.4% of all available observations showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.1: Wind RWY 14 (32) 27 years.

1.5.2 Wind RWY 14 (32) per Season

Wind RWY 14 (32) in Winter (DJF) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	6.7	6.4	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.4	6.1	10.7	5.1	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.5	7.1	4.8	2.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.8	4.7	5.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.7% of all available observations in Winter (DJF) showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.2: Wind RWY 14 (32) in Winter.

Wind RWY 14 (32) in Spring (MAM) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.6	10.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.6	4.0	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	3.9	5.7	9.3	3.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.3	7.1	7.2	5.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.0	4.9	8.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.6% of all available observations in Spring (MAM) showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.3: Wind RWY 14 (32) in Spring.

Wind RWY 14 (32) in Summer (JJA) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.8	13.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.8	4.7	3.8	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.2	6.3	7.5	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	8.4	7.5	5.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	3.4	4.3	5.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.7% of all available observations in Summer (JJA) showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.4: Wind RWY 14 (32) in Summer.

Wind RWY 14 (32) in Autumn (SON) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	5.8	4.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.0	4.9	5.8	7.2	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.0	9.3	6.7	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	3.9	4.7	4.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.8% of all available observations in Autumn (SON) showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.5: Wind RWY 14 (32) in Autumn.

1.5.3 Wind RWY 14 (32) per Month

Wind RWY 14 (32) in January during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	6.3	6.3	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.4	6.3	10.4	5.3	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	7.4	4.9	2.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	4.1	5.0	5.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.3% of all available observations in January showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.6: Wind RWY 14 (32) in January.

Wind RWY 14 (32) in February during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.8	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	6.5	6.0	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.0	5.7	11.5	5.6	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	7.1	5.0	2.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.4	4.4	6.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.8%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.5% of all available observations in February showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.7: Wind RWY 14 (32) in February.

Wind RWY 14 (32) in March during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	9.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.8	4.1	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	3.9	5.6	11.2	5.6	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.3	6.6	6.3	4.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	2.8	4.5	8.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.8% of all available observations in March showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.8: Wind RWY 14 (32) in March.

Wind RWY 14 (32) in April during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	10.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.8	3.9	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	3.8	5.4	8.4	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.3	7.1	7.5	5.2	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	3.1	5.2	9.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.8% of all available observations in April showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.9: Wind RWY 14 (32) in April.

Wind RWY 14 (32) in May during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.7	12.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.8	4.2	3.9	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.6	3.9	6.0	8.4	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	7.5	7.9	6.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.2	5.0	8.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.2% of all available observations in May showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.10: Wind RWY 14 (32) in May.

Wind RWY 14 (32) in June during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	12.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.7	4.3	3.4	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.7	4.1	6.0	7.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.5	8.2	8.4	6.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.4	4.8	6.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.3% of all available observations in June showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.11: Wind RWY 14 (32) in June.

Wind RWY 14 (32) in July during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.5	12.3	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.7	4.6	3.9	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.6	4.3	6.5	8.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.5	7.8	7.1	6.1	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	3.3	4.4	5.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.6% of all available observations in July showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.12: Wind RWY 14 (32) in July.

Wind RWY 14 (32) in August during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	14.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	5.2	4.2	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.8	4.2	6.4	7.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.9	9.1	6.9	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.0	3.5	3.8	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.2% of all available observations in August showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.13: Wind RWY 14 (32) in August.

Wind RWY 14 (32) in September during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	4.7	3.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.9	4.5	5.7	6.7	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.2	9.5	7.2	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	3.5	4.7	6.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 4.7% of all available observations in September showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.14: Wind RWY 14 (32) in September.

Wind RWY 14 (32) in October during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.3	12.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	5.9	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.1	4.6	5.4	6.9	1.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	2.1	9.7	7.2	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.0	3.9	4.6	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.1% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.9% of all available observations in October showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.15: Wind RWY 14 (32) in October.

Wind RWY 14 (32) in November during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	11.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	6.8	5.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.0	5.5	6.2	8.0	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.6	8.6	5.7	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	4.4	4.9	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.8% of all available observations in November showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.16: Wind RWY 14 (32) in November.

Wind RWY 14 (32) in December during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 14 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	10.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	7.3	6.9	4.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	0.9	4.9	6.3	10.3	4.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	1.4	7.0	4.5	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	3.9	4.7	5.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.3% of all available observations in December showed a Headwind relative to runway 14 (180° opposite for runway 32) with a wind speed between 1 - 2 kt.

Figure 1.5.17: Wind RWY 14 (32) in December.

1.6 Wind RWY 28 (10)

In the following tables the frequencies in percent of occurrence of specific ranges of wind speed and wind direction are listed. The wind direction is divided into head-, tail-, left and right crosswind relative to runway 28 (10). The wind speed is classified into 13 ranges. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs.
The cases with a wind speed of 0 kt are included in the value of calm. Variable consists of wind speeds $<$ 3 kt with a total wind direction variation $\geq$ 060° and $<$ 180° or higher wind speeds with a total wind direction variation $\geq$ 180° . The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

1.6.1 Wind RWY 28 (10) 27 years

Wind RWY 28 (10) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.6	11.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.2	6.3	6.4	7.6	2.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.3	5.8	6.0	5.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	3.9	3.7	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	5.2	5.7	5.5	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.3% of all available observations showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.1: Wind RWY 28 (10) 27 years.

1.6.2 Wind RWY 28 (10) per Season

Wind RWY 28 (10) in Winter (DJF) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.4	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	5.8	4.6	6.2	3.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.1	5.6	5.7	4.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	4.7	4.3	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	6.0	7.4	8.2	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.8% of all available observations in Winter (DJF) showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.2: Wind RWY 28 (10) in Winter.

Wind RWY 28 (10) in Spring (MAM) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.6	10.6	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	5.6	6.9	9.0	3.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	5.2	6.3	7.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.6	3.2	3.6	3.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	4.6	4.9	5.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.6% of all available observations in Spring (MAM) showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.3: Wind RWY 28 (10) in Spring.

Wind RWY 28 (10) in Summer (JJA) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.8	13.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	6.6	7.7	9.3	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.4	5.8	5.6	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.6	3.5	3.5	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	4.7	5.1	3.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.6% of all available observations in Summer (JJA) showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.4: Wind RWY 28 (10) in Summer.

Wind RWY 28 (10) in Autumn (SON) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.5	7.3	6.2	5.9	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.6	6.6	6.4	4.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.8	4.2	3.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.1	5.7	5.5	4.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.3% of all available observations in Autumn (SON) showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.5: Wind RWY 28 (10) in Autumn.

1.6.3 Wind RWY 28 (10) per Month

Wind RWY 28 (10) in January during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.0	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.2	5.9	4.5	6.1	3.5	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	5.9	6.2	4.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.6	4.7	4.2	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	5.7	7.6	7.9	2.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.5%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.9% of all available observations in January showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.6: Wind RWY 28 (10) in January.

Wind RWY 28 (10) in February during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.8	9.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	5.6	4.9	7.3	4.5	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.0	5.3	5.6	5.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	4.3	4.1	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.0	5.8	6.5	7.7	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.8%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.6% of all available observations in February showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.7: Wind RWY 28 (10) in February.

Wind RWY 28 (10) in March during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	9.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	5.5	6.3	9.0	4.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	4.7	5.6	6.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.6	3.3	3.5	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	4.7	4.9	6.6	1.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.5% of all available observations in March showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.8: Wind RWY 28 (10) in March.

Wind RWY 28 (10) in April during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.5	10.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	5.6	7.0	8.3	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	5.3	6.7	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	3.4	3.7	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	4.5	4.6	4.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.6% of all available observations in April showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.9: Wind RWY 28 (10) in April.

Wind RWY 28 (10) in May during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	6.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	6.7	12.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	0.9	5.8	7.4	9.6	2.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	5.6	6.6	7.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.6	3.0	3.5	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	4.4	5.3	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.8% of all available observations in May showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.10: Wind RWY 28 (10) in May.

Wind RWY 28 (10) in June during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	12.7	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	6.3	8.2	9.4	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.2	5.9	6.5	6.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.5	3.3	3.3	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.8	4.4	4.7	3.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.3% of all available observations in June showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.11: Wind RWY 28 (10) in June.

Wind RWY 28 (10) in July during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.5	12.3	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.0	6.2	7.5	10.3	2.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.3	5.5	5.5	4.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.6	3.4	3.5	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.7	4.8	5.4	4.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 6.2% of all available observations in July showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.12: Wind RWY 28 (10) in July.

Wind RWY 28 (10) in August during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	14.4	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.3	7.1	7.6	8.1	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.8	6.0	4.8	3.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	4.0	3.6	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	0.9	4.9	5.4	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.1% of all available observations in August showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.13: Wind RWY 28 (10) in August.

Wind RWY 28 (10) in September during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	9.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.1	12.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.5	7.6	7.1	6.8	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.8	6.4	6.0	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	3.3	3.2	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.0	5.0	4.4	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.6% of all available observations in September showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.14: Wind RWY 28 (10) in September.

Wind RWY 28 (10) in October during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28 \ Wind Speed [kt]	0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	9.3	12.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.6	7.3	6.1	5.6	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.6	7.0	7.0	4.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.8	4.2	2.9	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.2	5.6	5.5	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.1% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.3% of all available observations in October showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.15: Wind RWY 28 (10) in October.

Wind RWY 28 (10) in November during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	8.9	11.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.2	7.1	5.6	5.4	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.3	6.5	6.2	3.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	5.0	3.7	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.1	6.7	6.6	5.6	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 7.1% of all available observations in November showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.16: Wind RWY 28 (10) in November.

Wind RWY 28 (10) in December during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Wind Direction relative to RWY 28	Wind Speed [kt] 0	>0 - 1	1 - 2	3 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 49	≥ 50
Calm	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Variable	-	7.1	10.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Headwind	-	1.1	5.9	4.5	5.2	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Right Cross	-	1.1	5.5	5.4	4.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tailwind	-	0.7	5.1	4.7	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Left Cross	-	1.0	6.5	7.8	9.1	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Frequency [%] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (speed), 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 5.9% of all available observations in December showed a Headwind relative to runway 28 (180° opposite for runway 10) with a wind speed between 1 - 2 kt.

Figure 1.6.17: Wind RWY 28 (10) in December.

2 Wind Gusts

In the following tables the frequencies in per mil of occurrence of specific ranges of wind speed and wind direction are listed. The wind direction is divided into 10° sectors. The wind speed is classified into 7 ranges. The frequencies are calculated relative to all available METARs in per mil. The value of NA indicates missing METARs. The category of variable consists of wind speeds $<$ 3 kt with a total wind direction variation $\geq$ 060° and $<$ 180° or higher wind speeds with a total wind direction variation $\geq$ 180° .
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.01 ‰).

2.1 Wind Gusts in 27 years

Wind gusts during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°]	Wind Speed [kt] 10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.13	0.06	0.00	0.00	0.00	0.00	0.00
0	0.01	0.01	0.00	0.00	0.00	0.00	0.00
10	0.01	0.01	0.01	0.00	0.00	0.00	0.00
20	0.02	0.04	0.01	0.00	0.00	0.00	0.00
30	0.02	0.14	0.07	0.03	0.00	0.00	0.00
40	0.05	0.19	0.15	0.05	0.01	0.00	0.00
50	0.06	0.32	0.28	0.06	0.00	0.00	0.00
60	0.05	0.33	0.26	0.07	0.00	0.00	0.00
70	0.05	0.32	0.18	0.05	0.00	0.00	0.00
80	0.03	0.16	0.10	0.02	0.00	0.00	0.00
90	0.01	0.04	0.02	0.00	0.00	0.00	0.00
100	0.00	0.02	0.00	0.00	0.00	0.00	0.00
110	0.00	0.01	0.00	0.00	0.00	0.00	0.00
120	0.00	0.01	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.01	0.00	0.00	0.00	0.00
150	0.00	0.01	0.00	0.01	0.00	0.00	0.00
160	0.00	0.00	0.01	0.01	0.00	0.00	0.00
170	0.01	0.01	0.00	0.00	0.00	0.00	0.00
180	0.02	0.02	0.01	0.01	0.00	0.00	0.00
190	0.01	0.02	0.01	0.00	0.00	0.00	0.00
200	0.02	0.05	0.04	0.01	0.00	0.00	0.00
210	0.03	0.08	0.11	0.06	0.01	0.01	0.00
220	0.02	0.11	0.26	0.25	0.10	0.01	0.00
230	0.02	0.22	0.54	0.73	0.29	0.03	0.00
240	0.03	0.31	0.76	1.03	0.44	0.03	0.00
250	0.03	0.30	1.01	1.48	0.62	0.06	0.00
260	0.03	0.29	0.68	0.75	0.27	0.04	0.00
270	0.03	0.16	0.25	0.25	0.10	0.00	0.00
280	0.03	0.16	0.25	0.16	0.08	0.02	0.00
290	0.02	0.10	0.13	0.12	0.06	0.01	0.00
300	0.02	0.05	0.16	0.08	0.03	0.00	0.00
310	0.00	0.02	0.04	0.02	0.00	0.00	0.00
320	0.01	0.03	0.02	0.02	0.00	0.00	0.00
330	0.01	0.02	0.02	0.00	0.00	0.00	0.00
340	0.01	0.00	0.00	0.02	0.00	0.00	0.00
350	0.01	0.02	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.04‰ of all available observations showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.1.1: Wind gusts in 27 years.

2.2 Maximum Wind Gusts in 27 years

Maximum wind gust [kt] during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

	Time [UTC]									
	00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 24	Day	NA [%]
January	56.0	50.9	46.1	48.0	41.0	50.9	53.1	45.1	56.0	2.6
February	48.0	39.1	47.0	48.0	57.0	42.0	42.0	50.0	57.0	2.8
March	41.0	41.0	48.0	48.0	43.0	40.0	43.9	36.9	48.0	2.2
April	33.0	33.0	32.1	35.0	43.0	41.0	34.0	28.0	43.0	2.4
May	29.9	28.0	29.9	34.0	34.0	39.1	30.9	34.0	39.1	2.2
June	33.0	36.9	47.0	33.0	33.0	48.0	37.9	28.0	48.0	2.2
July	33.0	30.9	35.0	29.9	36.9	37.9	48.0	29.0	48.0	2.2
August	29.9	36.0	25.1	34.0	34.0	45.1	37.9	40.0	45.1	2.2
September	28.0	28.0	35.0	33.0	46.1	35.0	33.0	29.0	46.1	2.2
October	49.0	41.0	46.1	40.0	43.9	46.1	46.1	37.9	49.0	2.3
November	35.0	43.9	39.1	36.9	40.0	34.0	33.0	37.9	43.9	2.4
December	41.0	42.0	36.9	60.1	46.1	47.0	36.9	39.1	60.1	2.3
Year	56.0	50.9	48.0	60.1	57.0	50.9	53.1	50.0	60.1	-
NA [%]	16.1	0.3	0.4	0.3	0.3	0.3	0.5	0.4	-	-

NA: Not available METARs [%]. No AUTO METARs.
Example: During the 27 years period from 1994 - 2020 the maximum wind gust reported in April between 09 - 12 UTC was 35 kt.

On the 26.12.1999 at 10:50 UTC a maximum wind gust of 60.1 kt was reported.

Figure 2.2.1: Maximum wind gusts in 27 years.

2.3 Wind Gusts per Season

Wind gusts in Winter (DJF) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°]	Wind Speed [kt] 10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.18	0.09	0.00	0.00	0.00	0.00	0.00
0	0.02	0.00	0.00	0.00	0.00	0.00	0.00
10	0.01	0.00	0.00	0.00	0.00	0.00	0.00
20	0.01	0.03	0.00	0.00	0.00	0.00	0.00
30	0.04	0.23	0.11	0.07	0.00	0.00	0.00
40	0.07	0.22	0.18	0.08	0.02	0.01	0.00
50	0.08	0.32	0.49	0.05	0.00	0.00	0.00
60	0.04	0.37	0.34	0.20	0.00	0.00	0.00
70	0.06	0.39	0.22	0.11	0.00	0.00	0.00
80	0.02	0.18	0.09	0.05	0.01	0.00	0.00
90	0.00	0.04	0.01	0.00	0.00	0.00	0.00
100	0.00	0.01	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.01	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.02	0.00	0.00	0.00	0.00	0.00
180	0.01	0.05	0.02	0.00	0.00	0.00	0.00
190	0.00	0.03	0.04	0.00	0.00	0.00	0.00
200	0.02	0.12	0.06	0.03	0.00	0.00	0.00
210	0.02	0.17	0.23	0.11	0.01	0.04	0.00
220	0.03	0.18	0.59	0.63	0.25	0.03	0.00
230	0.01	0.39	1.21	1.50	0.69	0.04	0.00
240	0.07	0.56	1.52	2.14	1.08	0.09	0.00
250	0.02	0.48	1.86	3.50	1.60	0.18	0.00
260	0.04	0.41	1.24	1.53	0.51	0.07	0.00
270	0.04	0.14	0.32	0.39	0.19	0.00	0.00
280	0.00	0.14	0.35	0.30	0.13	0.05	0.00
290	0.01	0.06	0.13	0.19	0.09	0.03	0.00
300	0.02	0.02	0.05	0.08	0.04	0.02	0.00
310	0.00	0.00	0.01	0.01	0.00	0.00	0.00
320	0.00	0.01	0.01	0.01	0.00	0.00	0.00
330	0.00	0.00	0.01	0.00	0.00	0.00	0.00
340	0.01	0.00	0.00	0.01	0.00	0.00	0.00
350	0.02	0.01	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in Winter (DJF) showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.3.1: Wind gusts in Winter.

Wind gusts in Spring (MAM) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.10	0.07	0.01	0.01	0.00	0.00	0.00
0	0.01	0.02	0.00	0.00	0.00	0.00	0.00
10	0.00	0.03	0.02	0.00	0.00	0.00	0.00
20	0.00	0.09	0.03	0.02	0.00	0.00	0.00
30	0.00	0.15	0.10	0.02	0.00	0.00	0.00
40	0.01	0.27	0.27	0.11	0.01	0.00	0.00
50	0.04	0.27	0.39	0.12	0.00	0.00	0.00
60	0.07	0.44	0.44	0.05	0.00	0.00	0.00
70	0.03	0.49	0.37	0.08	0.00	0.00	0.00
80	0.02	0.25	0.20	0.02	0.00	0.00	0.00
90	0.02	0.08	0.05	0.00	0.00	0.00	0.00
100	0.00	0.03	0.01	0.01	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.01	0.00	0.00	0.00
140	0.01	0.00	0.01	0.01	0.01	0.00	0.00
150	0.00	0.01	0.00	0.02	0.00	0.00	0.00
160	0.00	0.00	0.03	0.01	0.00	0.00	0.00
170	0.01	0.01	0.00	0.01	0.00	0.00	0.00
180	0.01	0.00	0.00	0.00	0.01	0.01	0.00
190	0.01	0.01	0.00	0.00	0.00	0.00	0.00
200	0.02	0.03	0.06	0.00	0.00	0.00	0.00
210	0.02	0.09	0.14	0.10	0.03	0.00	0.00
220	0.01	0.07	0.19	0.20	0.12	0.01	0.00
230	0.03	0.17	0.44	0.55	0.27	0.10	0.00
240	0.02	0.27	0.72	1.10	0.45	0.02	0.00
250	0.04	0.31	1.09	1.34	0.36	0.01	0.00
260	0.00	0.33	0.83	0.86	0.22	0.03	0.00
270	0.02	0.26	0.39	0.27	0.09	0.00	0.00
280	0.03	0.19	0.32	0.25	0.09	0.01	0.00
290	0.01	0.10	0.19	0.14	0.06	0.00	0.00
300	0.03	0.10	0.27	0.15	0.08	0.00	0.00
310	0.01	0.03	0.05	0.03	0.00	0.00	0.00
320	0.00	0.03	0.04	0.03	0.00	0.00	0.00
330	0.02	0.04	0.03	0.01	0.00	0.00	0.00
340	0.01	0.01	0.01	0.00	0.01	0.00	0.00
350	0.00	0.02	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.09‰ of all available observations in Spring (MAM) showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.3.2: Wind gusts in Spring.

Wind gusts in Summer (JJA) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.16	0.08	0.00	0.00	0.00	0.00	0.00
0	0.01	0.01	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.02	0.01	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.00	0.00	0.00
30	0.01	0.12	0.04	0.01	0.00	0.00	0.00
40	0.01	0.09	0.05	0.02	0.00	0.00	0.00
50	0.03	0.32	0.13	0.02	0.00	0.00	0.00
60	0.04	0.17	0.08	0.01	0.00	0.00	0.00
70	0.06	0.12	0.04	0.01	0.00	0.00	0.00
80	0.05	0.06	0.05	0.01	0.00	0.00	0.00
90	0.01	0.02	0.02	0.00	0.00	0.00	0.00
100	0.00	0.02	0.00	0.00	0.00	0.00	0.00
110	0.01	0.03	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.02	0.01	0.00	0.00	0.00
130	0.00	0.00	0.02	0.01	0.00	0.00	0.00
140	0.00	0.01	0.03	0.01	0.00	0.00	0.00
150	0.00	0.01	0.01	0.01	0.00	0.00	0.00
160	0.00	0.01	0.02	0.02	0.00	0.01	0.00
170	0.02	0.00	0.02	0.01	0.00	0.00	0.00
180	0.02	0.02	0.01	0.03	0.01	0.00	0.00
190	0.03	0.02	0.02	0.01	0.00	0.00	0.00
200	0.03	0.02	0.03	0.01	0.01	0.00	0.00
210	0.03	0.03	0.03	0.01	0.00	0.00	0.00
220	0.02	0.08	0.08	0.00	0.01	0.00	0.00
230	0.00	0.05	0.07	0.09	0.03	0.00	0.00
240	0.02	0.14	0.21	0.17	0.09	0.00	0.00
250	0.03	0.14	0.29	0.15	0.05	0.01	0.00
260	0.03	0.20	0.24	0.25	0.08	0.00	0.00
270	0.05	0.15	0.14	0.11	0.05	0.00	0.00
280	0.06	0.16	0.20	0.04	0.03	0.01	0.00
290	0.03	0.17	0.15	0.13	0.07	0.00	0.00
300	0.01	0.06	0.20	0.09	0.02	0.00	0.00
310	0.00	0.04	0.07	0.05	0.00	0.01	0.00
320	0.02	0.08	0.02	0.01	0.00	0.00	0.00
330	0.00	0.03	0.02	0.00	0.00	0.00	0.00
340	0.00	0.01	0.01	0.05	0.00	0.00	0.00
350	0.00	0.04	0.02	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in Summer (JJA) showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.3.3: Wind gusts in Summer.

Wind gusts in Autumn (SON) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.10	0.02	0.00	0.00	0.00	0.00	0.00
0	0.02	0.01	0.01	0.00	0.00	0.00	0.00
10	0.03	0.02	0.00	0.01	0.00	0.00	0.00
20	0.05	0.03	0.01	0.00	0.00	0.00	0.00
30	0.03	0.08	0.03	0.01	0.00	0.00	0.00
40	0.10	0.16	0.11	0.01	0.00	0.00	0.00
50	0.10	0.38	0.11	0.03	0.00	0.00	0.00
60	0.07	0.34	0.18	0.03	0.00	0.00	0.00
70	0.06	0.29	0.09	0.02	0.00	0.00	0.00
80	0.03	0.17	0.07	0.02	0.00	0.00	0.00
90	0.02	0.03	0.01	0.01	0.00	0.00	0.00
100	0.00	0.01	0.01	0.00	0.00	0.00	0.00
110	0.01	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.03	0.00	0.00	0.00	0.00	0.00
130	0.00	0.01	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.01	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.01	0.01	0.00	0.00	0.00	0.00	0.00
180	0.03	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.03	0.00	0.00	0.00	0.00	0.00
200	0.01	0.03	0.00	0.00	0.00	0.00	0.00
210	0.03	0.05	0.07	0.02	0.00	0.00	0.00
220	0.02	0.13	0.21	0.17	0.04	0.01	0.00
230	0.02	0.25	0.45	0.81	0.18	0.00	0.00
240	0.03	0.29	0.59	0.72	0.14	0.00	0.00
250	0.01	0.29	0.82	0.99	0.50	0.07	0.00
260	0.06	0.22	0.42	0.36	0.29	0.07	0.00
270	0.00	0.09	0.15	0.23	0.07	0.02	0.00
280	0.01	0.16	0.14	0.06	0.08	0.01	0.00
290	0.01	0.08	0.07	0.03	0.03	0.01	0.00
300	0.01	0.03	0.10	0.03	0.01	0.00	0.00
310	0.00	0.01	0.03	0.00	0.01	0.00	0.00
320	0.01	0.01	0.01	0.02	0.00	0.00	0.00
330	0.01	0.02	0.01	0.00	0.00	0.00	0.00
340	0.02	0.00	0.00	0.00	0.00	0.00	0.00
350	0.02	0.03	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in Autumn (SON) showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.3.4: Wind gusts in Autumn.

2.4 Wind Gusts per Month

Wind gusts in January during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°]	Wind Speed [kt] 10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.13	0.05	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.03	0.05	0.00	0.00	0.00	0.00	0.00
30	0.03	0.03	0.05	0.00	0.00	0.00	0.00
40	0.03	0.23	0.20	0.03	0.00	0.00	0.00
50	0.00	0.15	0.28	0.00	0.00	0.00	0.00
60	0.00	0.23	0.15	0.00	0.00	0.00	0.00
70	0.08	0.36	0.15	0.00	0.00	0.00	0.00
80	0.00	0.20	0.03	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.03	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.03	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.05	0.00	0.00	0.00	0.00	0.00
180	0.00	0.03	0.00	0.00	0.00	0.00	0.00
190	0.00	0.03	0.03	0.00	0.00	0.00	0.00
200	0.03	0.31	0.05	0.03	0.00	0.00	0.00
210	0.03	0.26	0.18	0.10	0.00	0.00	0.00
220	0.00	0.15	0.48	0.84	0.31	0.00	0.00
230	0.00	0.48	1.23	2.63	1.28	0.08	0.00
240	0.10	0.51	1.48	2.91	1.94	0.13	0.00
250	0.00	0.46	1.86	3.62	1.97	0.26	0.00
260	0.10	0.43	1.17	2.04	0.56	0.13	0.00
270	0.08	0.13	0.33	0.41	0.18	0.00	0.00
280	0.00	0.18	0.46	0.38	0.05	0.05	0.00
290	0.03	0.03	0.10	0.15	0.05	0.03	0.00
300	0.03	0.05	0.10	0.05	0.05	0.03	0.00
310	0.00	0.00	0.00	0.03	0.00	0.00	0.00
320	0.00	0.00	0.03	0.03	0.00	0.00	0.00
330	0.00	0.00	0.03	0.00	0.00	0.00	0.00
340	0.03	0.00	0.00	0.00	0.00	0.00	0.00
350	0.03	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.5%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations in January showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.1: Wind gusts in January.

Wind gusts in February during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.14	0.11	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.28	0.11	0.06	0.00	0.00	0.00
40	0.03	0.31	0.17	0.11	0.00	0.00	0.00
50	0.03	0.37	0.53	0.00	0.00	0.00	0.00
60	0.00	0.42	0.53	0.22	0.00	0.00	0.00
70	0.06	0.53	0.25	0.03	0.00	0.00	0.00
80	0.06	0.20	0.03	0.11	0.03	0.00	0.00
90	0.00	0.08	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.03	0.03	0.00	0.00	0.00	0.00
190	0.00	0.06	0.00	0.00	0.00	0.00	0.00
200	0.00	0.03	0.06	0.06	0.00	0.00	0.00
210	0.03	0.20	0.14	0.22	0.03	0.11	0.00
220	0.03	0.20	0.53	0.45	0.22	0.08	0.00
230	0.00	0.28	1.10	0.95	0.22	0.00	0.00
240	0.03	0.65	1.43	1.85	0.81	0.11	0.00
250	0.00	0.53	2.33	4.10	1.85	0.25	0.00
260	0.03	0.51	1.63	1.68	0.73	0.06	0.00
270	0.03	0.17	0.39	0.59	0.20	0.00	0.00
280	0.00	0.20	0.37	0.42	0.28	0.03	0.00
290	0.00	0.06	0.14	0.34	0.17	0.03	0.00
300	0.00	0.00	0.03	0.11	0.06	0.00	0.00
310	0.00	0.00	0.03	0.00	0.00	0.00	0.00
320	0.00	0.03	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.03	0.00	0.00	0.00
350	0.00	0.03	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.8%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations in February showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.2: Wind gusts in February.

Wind gusts in March during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.03	0.10	0.00	0.03	0.00	0.00	0.00
0	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	0.00	0.03	0.03	0.00	0.00	0.00	0.00
20	0.00	0.08	0.05	0.00	0.00	0.00	0.00
30	0.00	0.20	0.23	0.00	0.00	0.00	0.00
40	0.00	0.38	0.53	0.28	0.00	0.00	0.00
50	0.05	0.20	0.56	0.20	0.00	0.00	0.00
60	0.05	0.41	0.59	0.03	0.00	0.00	0.00
70	0.00	0.69	0.38	0.15	0.00	0.00	0.00
80	0.03	0.25	0.36	0.03	0.00	0.00	0.00
90	0.03	0.05	0.13	0.00	0.00	0.00	0.00
100	0.00	0.03	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.03	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.13	0.00	0.00	0.00	0.00
210	0.05	0.10	0.33	0.20	0.08	0.00	0.00
220	0.03	0.10	0.41	0.43	0.25	0.03	0.00
230	0.08	0.25	0.71	1.40	0.71	0.31	0.00
240	0.03	0.43	1.50	2.39	1.14	0.05	0.00
250	0.03	0.41	1.93	2.85	0.94	0.03	0.00
260	0.00	0.46	1.48	1.81	0.56	0.08	0.00
270	0.03	0.36	0.48	0.46	0.23	0.00	0.00
280	0.00	0.28	0.48	0.48	0.15	0.00	0.00
290	0.00	0.08	0.18	0.18	0.05	0.00	0.00
300	0.00	0.10	0.23	0.18	0.10	0.00	0.00
310	0.00	0.03	0.08	0.00	0.00	0.00	0.00
320	0.00	0.00	0.08	0.03	0.00	0.00	0.00
330	0.03	0.05	0.05	0.00	0.00	0.00	0.00
340	0.03	0.00	0.03	0.00	0.00	0.00	0.00
350	0.00	0.03	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.08‰ of all available observations in March showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.3: Wind gusts in March.

Wind gusts in April during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.08	0.08	0.00	0.00	0.00	0.00	0.00
0	0.03	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.03	0.00	0.00	0.00	0.00
20	0.00	0.05	0.03	0.00	0.00	0.00	0.00
30	0.00	0.13	0.03	0.00	0.00	0.00	0.00
40	0.03	0.34	0.16	0.03	0.00	0.00	0.00
50	0.05	0.53	0.42	0.11	0.00	0.00	0.00
60	0.11	0.63	0.40	0.13	0.00	0.00	0.00
70	0.05	0.55	0.45	0.05	0.00	0.00	0.00
80	0.03	0.40	0.21	0.00	0.00	0.00	0.00
90	0.03	0.18	0.03	0.00	0.00	0.00	0.00
100	0.00	0.08	0.03	0.03	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.03	0.00	0.00	0.00
140	0.03	0.00	0.03	0.03	0.03	0.00	0.00
150	0.00	0.03	0.00	0.05	0.00	0.00	0.00
160	0.00	0.00	0.03	0.03	0.00	0.00	0.00
170	0.03	0.03	0.00	0.03	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.03	0.03	0.00
190	0.00	0.03	0.00	0.00	0.00	0.00	0.00
200	0.03	0.03	0.03	0.00	0.00	0.00	0.00
210	0.00	0.03	0.03	0.11	0.00	0.00	0.00
220	0.00	0.03	0.13	0.13	0.05	0.00	0.00
230	0.03	0.11	0.37	0.16	0.11	0.00	0.00
240	0.00	0.24	0.34	0.24	0.05	0.00	0.00
250	0.08	0.34	0.69	0.53	0.05	0.00	0.00
260	0.00	0.24	0.50	0.42	0.03	0.00	0.00
270	0.00	0.16	0.37	0.16	0.00	0.00	0.00
280	0.11	0.11	0.34	0.13	0.03	0.03	0.00
290	0.00	0.13	0.21	0.13	0.05	0.00	0.00
300	0.08	0.08	0.32	0.13	0.08	0.00	0.00
310	0.03	0.05	0.03	0.05	0.00	0.00	0.00
320	0.00	0.00	0.03	0.03	0.00	0.00	0.00
330	0.00	0.03	0.00	0.03	0.00	0.00	0.00
340	0.00	0.03	0.00	0.00	0.00	0.00	0.00
350	0.00	0.03	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.4%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available
observations in April showed a wind gust between 16 - 20 kt
with a wind direction of 20 degrees.

Figure 2.4.4: Wind gusts in April.

Wind gusts in May during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.20	0.03	0.03	0.00	0.00	0.00	0.00
0	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.00
20	0.00	0.13	0.03	0.05	0.00	0.00	0.00
30	0.00	0.10	0.05	0.05	0.00	0.00	0.00
40	0.00	0.10	0.10	0.03	0.03	0.00	0.00
50	0.03	0.08	0.18	0.05	0.00	0.00	0.00
60	0.05	0.28	0.33	0.00	0.00	0.00	0.00
70	0.03	0.23	0.28	0.03	0.00	0.00	0.00
80	0.00	0.10	0.03	0.03	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.05	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.03	0.00	0.00	0.00	0.00	0.00	0.00
200	0.03	0.03	0.03	0.00	0.00	0.00	0.00
210	0.00	0.13	0.05	0.00	0.00	0.00	0.00
220	0.00	0.08	0.03	0.03	0.05	0.00	0.00
230	0.00	0.15	0.23	0.08	0.00	0.00	0.00
240	0.03	0.13	0.31	0.64	0.15	0.00	0.00
250	0.03	0.18	0.64	0.61	0.08	0.00	0.00
260	0.00	0.31	0.51	0.33	0.08	0.00	0.00
270	0.03	0.25	0.31	0.18	0.05	0.00	0.00
280	0.00	0.18	0.13	0.13	0.08	0.00	0.00
290	0.03	0.10	0.18	0.10	0.08	0.00	0.00
300	0.00	0.13	0.28	0.13	0.05	0.00	0.00
310	0.00	0.03	0.05	0.05	0.00	0.00	0.00
320	0.00	0.08	0.03	0.03	0.00	0.00	0.00
330	0.03	0.05	0.03	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.03	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.13‰ of all available observations in May showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.5: Wind gusts in May.

Wind gusts in June during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.21	0.13	0.00	0.00	0.00	0.00	0.00
0	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.03	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.00	0.00	0.00
30	0.00	0.16	0.03	0.03	0.00	0.00	0.00
40	0.00	0.13	0.08	0.00	0.00	0.00	0.00
50	0.03	0.29	0.32	0.03	0.00	0.00	0.00
60	0.03	0.24	0.16	0.00	0.00	0.00	0.00
70	0.03	0.11	0.03	0.00	0.00	0.00	0.00
80	0.03	0.00	0.13	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.03	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.03	0.03	0.00	0.00	0.00
130	0.00	0.00	0.03	0.03	0.00	0.00	0.00
140	0.00	0.00	0.08	0.00	0.00	0.00	0.00
150	0.00	0.03	0.03	0.03	0.00	0.00	0.00
160	0.00	0.00	0.03	0.03	0.00	0.00	0.00
170	0.00	0.00	0.03	0.03	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.03	0.00	0.00
190	0.05	0.03	0.03	0.00	0.00	0.00	0.00
200	0.03	0.00	0.03	0.00	0.00	0.00	0.00
210	0.03	0.03	0.05	0.03	0.00	0.00	0.00
220	0.00	0.03	0.11	0.00	0.00	0.00	0.00
230	0.00	0.05	0.03	0.11	0.03	0.00	0.00
240	0.00	0.13	0.26	0.26	0.08	0.00	0.00
250	0.03	0.16	0.26	0.32	0.11	0.03	0.00
260	0.00	0.34	0.16	0.37	0.11	0.00	0.00
270	0.05	0.24	0.16	0.13	0.05	0.00	0.00
280	0.00	0.26	0.18	0.05	0.03	0.03	0.00
290	0.05	0.24	0.18	0.16	0.11	0.00	0.00
300	0.00	0.08	0.21	0.08	0.00	0.00	0.00
310	0.00	0.05	0.05	0.03	0.00	0.00	0.00
320	0.03	0.05	0.00	0.03	0.00	0.00	0.00
330	0.00	0.00	0.03	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.03	0.03	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in June showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.6: Wind gusts in June.

Wind gusts in July during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.23	0.10	0.00	0.00	0.00	0.00	0.00
0	0.03	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.05	0.00	0.00	0.00	0.00
20	0.00	0.05	0.00	0.00	0.00	0.00	0.00
30	0.00	0.15	0.05	0.00	0.00	0.00	0.00
40	0.03	0.05	0.05	0.03	0.00	0.00	0.00
50	0.05	0.43	0.03	0.03	0.00	0.00	0.00
60	0.08	0.18	0.03	0.03	0.00	0.00	0.00
70	0.05	0.10	0.03	0.00	0.00	0.00	0.00
80	0.10	0.08	0.00	0.00	0.00	0.00	0.00
90	0.03	0.03	0.05	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.03	0.05	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.03	0.00	0.00	0.00	0.00
140	0.00	0.03	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.03	0.03	0.00	0.00	0.03	0.00
170	0.03	0.00	0.00	0.00	0.00	0.00	0.00
180	0.03	0.05	0.03	0.05	0.00	0.00	0.00
190	0.00	0.03	0.00	0.03	0.00	0.00	0.00
200	0.03	0.00	0.05	0.03	0.03	0.00	0.00
210	0.08	0.08	0.03	0.00	0.00	0.00	0.00
220	0.03	0.10	0.10	0.00	0.00	0.00	0.00
230	0.00	0.05	0.18	0.15	0.00	0.00	0.00
240	0.00	0.20	0.20	0.20	0.08	0.00	0.00
250	0.03	0.08	0.28	0.13	0.00	0.00	0.00
260	0.03	0.15	0.28	0.25	0.10	0.00	0.00
270	0.08	0.13	0.18	0.08	0.05	0.00	0.00
280	0.10	0.13	0.25	0.08	0.03	0.00	0.00
290	0.00	0.18	0.18	0.15	0.05	0.00	0.00
300	0.03	0.08	0.28	0.15	0.03	0.00	0.00
310	0.00	0.03	0.10	0.10	0.00	0.00	0.00
320	0.00	0.13	0.05	0.00	0.00	0.00	0.00
330	0.00	0.03	0.03	0.00	0.00	0.00	0.00
340	0.00	0.03	0.00	0.13	0.00	0.00	0.00
350	0.00	0.05	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations in July showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.7: Wind gusts in July.

Wind gusts in August during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.05	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.03	0.05	0.05	0.00	0.00	0.00	0.00
40	0.00	0.10	0.03	0.03	0.00	0.00	0.00
50	0.03	0.23	0.05	0.00	0.00	0.00	0.00
60	0.03	0.10	0.05	0.00	0.00	0.00	0.00
70	0.10	0.15	0.08	0.03	0.00	0.00	0.00
80	0.03	0.10	0.03	0.03	0.00	0.00	0.00
90	0.00	0.03	0.00	0.00	0.00	0.00	0.00
100	0.00	0.05	0.00	0.00	0.00	0.00	0.00
110	0.00	0.03	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.03	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.03	0.03	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.03	0.00	0.00	0.00
170	0.03	0.00	0.03	0.00	0.00	0.00	0.00
180	0.03	0.00	0.00	0.03	0.00	0.00	0.00
190	0.03	0.00	0.03	0.00	0.00	0.00	0.00
200	0.03	0.05	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.00	0.00	0.00	0.00	0.00
220	0.03	0.10	0.03	0.00	0.03	0.00	0.00
230	0.00	0.05	0.00	0.03	0.05	0.00	0.00
240	0.05	0.08	0.18	0.05	0.10	0.00	0.00
250	0.05	0.18	0.33	0.03	0.05	0.00	0.00
260	0.05	0.10	0.28	0.13	0.03	0.00	0.00
270	0.03	0.10	0.08	0.13	0.05	0.00	0.00
280	0.08	0.10	0.15	0.00	0.05	0.00	0.00
290	0.05	0.10	0.08	0.08	0.05	0.00	0.00
300	0.00	0.03	0.10	0.03	0.03	0.00	0.00
310	0.00	0.05	0.05	0.03	0.00	0.03	0.00
320	0.03	0.05	0.00	0.00	0.00	0.00	0.00
330	0.00	0.05	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.03	0.03	0.00	0.00	0.00
350	0.00	0.05	0.03	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations in August showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.8: Wind gusts in August.

Wind gusts in September during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.13	0.00	0.00	0.00	0.00	0.00	0.00
0	0.03	0.03	0.00	0.00	0.00	0.00	0.00
10	0.03	0.03	0.00	0.00	0.00	0.00	0.00
20	0.03	0.03	0.03	0.00	0.00	0.00	0.00
30	0.00	0.05	0.03	0.00	0.00	0.00	0.00
40	0.08	0.11	0.11	0.03	0.00	0.00	0.00
50	0.11	0.60	0.26	0.08	0.00	0.00	0.00
60	0.11	0.47	0.21	0.03	0.00	0.00	0.00
70	0.05	0.26	0.16	0.00	0.00	0.00	0.00
80	0.08	0.29	0.05	0.03	0.00	0.00	0.00
90	0.00	0.03	0.00	0.03	0.00	0.00	0.00
100	0.00	0.00	0.03	0.00	0.00	0.00	0.00
110	0.03	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.05	0.00	0.00	0.00	0.00	0.00
130	0.00	0.03	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.05	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.03	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.03	0.00	0.00	0.00	0.00
220	0.03	0.16	0.03	0.05	0.00	0.00	0.00
230	0.05	0.13	0.13	0.39	0.03	0.00	0.00
240	0.05	0.21	0.39	0.55	0.08	0.00	0.00
250	0.00	0.29	0.84	0.58	0.00	0.00	0.00
260	0.03	0.18	0.29	0.24	0.03	0.03	0.00
270	0.00	0.13	0.11	0.08	0.03	0.00	0.00
280	0.00	0.13	0.08	0.03	0.11	0.03	0.00
290	0.03	0.08	0.08	0.00	0.03	0.00	0.00
300	0.00	0.03	0.11	0.03	0.00	0.00	0.00
310	0.00	0.03	0.03	0.00	0.00	0.00	0.00
320	0.03	0.00	0.00	0.03	0.00	0.00	0.00
330	0.00	0.03	0.03	0.00	0.00	0.00	0.00
340	0.03	0.00	0.00	0.00	0.00	0.00	0.00
350	0.03	0.05	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in September showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.9: Wind gusts in September.

Wind gusts in October during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.13	0.00	0.00	0.00	0.00	0.00	0.00
0	0.03	0.00	0.03	0.00	0.00	0.00	0.00
10	0.05	0.03	0.00	0.00	0.00	0.00	0.00
20	0.13	0.05	0.00	0.00	0.00	0.00	0.00
30	0.08	0.05	0.05	0.00	0.00	0.00	0.00
40	0.08	0.23	0.08	0.00	0.00	0.00	0.00
50	0.15	0.25	0.05	0.00	0.00	0.00	0.00
60	0.10	0.41	0.13	0.03	0.00	0.00	0.00
70	0.05	0.43	0.08	0.05	0.00	0.00	0.00
80	0.00	0.13	0.10	0.03	0.00	0.00	0.00
90	0.05	0.03	0.03	0.00	0.00	0.00	0.00
100	0.00	0.03	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.03	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.03	0.00	0.00	0.00	0.00	0.00	0.00
180	0.03	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.03	0.00	0.00	0.00	0.00	0.00
200	0.03	0.03	0.00	0.00	0.00	0.00	0.00
210	0.03	0.03	0.05	0.00	0.00	0.00	0.00
220	0.03	0.08	0.08	0.00	0.00	0.00	0.00
230	0.00	0.36	0.31	0.28	0.10	0.00	0.00
240	0.03	0.31	0.59	0.48	0.10	0.00	0.00
250	0.00	0.38	0.81	1.20	1.07	0.18	0.00
260	0.03	0.23	0.61	0.33	0.71	0.18	0.00
270	0.00	0.10	0.25	0.43	0.13	0.05	0.00
280	0.03	0.23	0.28	0.10	0.08	0.00	0.00
290	0.00	0.08	0.10	0.05	0.05	0.03	0.00
300	0.00	0.08	0.10	0.03	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.03	0.00	0.00	0.00	0.00	0.00
340	0.03	0.00	0.00	0.00	0.00	0.00	0.00
350	0.03	0.03	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations in October showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.10: Wind gusts in October.

Wind gusts in November during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.03	0.05	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.03	0.00	0.00	0.03	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.00	0.00	0.00
30	0.00	0.13	0.00	0.03	0.00	0.00	0.00
40	0.16	0.16	0.16	0.00	0.00	0.00	0.00
50	0.03	0.29	0.03	0.03	0.00	0.00	0.00
60	0.00	0.13	0.21	0.03	0.00	0.00	0.00
70	0.08	0.16	0.03	0.00	0.00	0.00	0.00
80	0.03	0.11	0.05	0.00	0.00	0.00	0.00
90	0.00	0.05	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.03	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.03	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.08	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.00	0.00	0.00	0.00	0.00
210	0.08	0.08	0.13	0.05	0.00	0.00	0.00
220	0.00	0.16	0.53	0.47	0.13	0.03	0.00
230	0.00	0.26	0.92	1.76	0.42	0.00	0.00
240	0.00	0.37	0.79	1.13	0.24	0.00	0.00
250	0.03	0.21	0.79	1.18	0.42	0.03	0.00
260	0.13	0.24	0.37	0.53	0.13	0.00	0.00
270	0.00	0.03	0.08	0.16	0.05	0.00	0.00
280	0.00	0.11	0.05	0.05	0.05	0.00	0.00
290	0.00	0.08	0.03	0.03	0.00	0.00	0.00
300	0.03	0.00	0.08	0.03	0.03	0.00	0.00
310	0.00	0.00	0.05	0.00	0.03	0.00	0.00
320	0.00	0.03	0.03	0.03	0.00	0.00	0.00
330	0.03	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.3%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in November showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.11: Wind gusts in November.

Wind gusts in December during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.25	0.10	0.00	0.00	0.00	0.00	0.00
0	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.03	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.00	0.00	0.00
30	0.10	0.38	0.15	0.15	0.00	0.00	0.00
40	0.15	0.13	0.15	0.10	0.05	0.03	0.00
50	0.20	0.43	0.66	0.15	0.00	0.00	0.00
60	0.10	0.46	0.36	0.38	0.00	0.00	0.00
70	0.05	0.31	0.25	0.28	0.00	0.00	0.00
80	0.00	0.13	0.20	0.05	0.00	0.00	0.00
90	0.00	0.03	0.03	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.03	0.10	0.03	0.00	0.00	0.00	0.00
190	0.00	0.00	0.08	0.00	0.00	0.00	0.00
200	0.03	0.03	0.08	0.00	0.00	0.00	0.00
210	0.00	0.05	0.36	0.03	0.00	0.00	0.00
220	0.05	0.18	0.74	0.58	0.20	0.00	0.00
230	0.03	0.41	1.30	0.86	0.53	0.03	0.00
240	0.08	0.53	1.65	1.63	0.46	0.03	0.00
250	0.05	0.46	1.42	2.82	1.02	0.03	0.00
260	0.00	0.31	0.97	0.89	0.25	0.03	0.00
270	0.03	0.13	0.25	0.20	0.20	0.00	0.00
280	0.00	0.05	0.23	0.10	0.08	0.08	0.00
290	0.00	0.10	0.15	0.10	0.05	0.03	0.00
300	0.03	0.00	0.03	0.08	0.00	0.03	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.03	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 2.1%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.03‰ of all available observations in December showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.4.12: Wind gusts in December.

2.5 Wind Gusts per Hour

Wind gusts btw. 00 - 01 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.10	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.10	0.19	0.00	0.10	0.00	0.00
50	0.10	0.10	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.10	0.00	0.00	0.10	0.00	0.00	0.00
80	0.10	0.10	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.00	0.10	0.00	0.00	0.00	0.00
220	0.00	0.00	0.10	0.49	0.10	0.00	0.00
230	0.00	0.00	0.78	1.07	0.19	0.10	0.00
240	0.10	0.39	0.39	1.17	0.39	0.00	0.00
250	0.00	0.19	0.68	1.36	0.49	0.00	0.00
260	0.00	0.29	0.58	0.10	0.49	0.00	0.00
270	0.00	0.10	0.29	0.29	0.00	0.00	0.00
280	0.00	0.10	0.19	0.39	0.19	0.00	0.00
290	0.10	0.10	0.00	0.19	0.10	0.00	0.00
300	0.00	0.00	0.00	0.10	0.00	0.00	0.00
310	0.00	0.00	0.00	0.10	0.00	0.00	0.00
320	0.00	0.00	0.00	0.10	0.00	0.00	0.00
330	0.00	0.10	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 47.9%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 00 - 01 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.1: Wind gusts at 00 - 01 UTC.

Wind gusts btw. 01 - 02 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.05	0.05	0.00	0.00	0.00	0.00	0.00
0	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.05	0.00	0.00	0.00	0.00	0.00
30	0.00	0.10	0.00	0.00	0.00	0.00	0.00
40	0.05	0.05	0.05	0.00	0.05	0.05	0.00
50	0.00	0.05	0.10	0.00	0.00	0.00	0.00
60	0.05	0.00	0.10	0.05	0.00	0.00	0.00
70	0.05	0.00	0.10	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.10	0.00	0.00	0.00	0.00
210	0.00	0.10	0.10	0.05	0.00	0.00	0.00
220	0.00	0.00	0.15	0.36	0.15	0.00	0.00
230	0.00	0.25	0.46	0.76	0.15	0.00	0.00
240	0.00	0.15	0.76	0.92	0.51	0.05	0.00
250	0.00	0.20	0.97	0.81	0.51	0.05	0.00
260	0.00	0.15	0.46	0.51	0.15	0.10	0.00
270	0.00	0.10	0.10	0.25	0.15	0.00	0.00
280	0.00	0.05	0.15	0.25	0.05	0.00	0.00
290	0.00	0.10	0.05	0.20	0.00	0.00	0.00
300	0.00	0.00	0.05	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.05	0.00	0.00	0.00
330	0.00	0.00	0.05	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 01 - 02 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.2: Wind gusts at 01 - 02 UTC.

Wind gusts btw. 02 - 03 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.05	0.05	0.00	0.00	0.00	0.00	0.00
30	0.00	0.05	0.15	0.00	0.00	0.00	0.00
40	0.00	0.10	0.00	0.05	0.00	0.00	0.00
50	0.05	0.05	0.10	0.00	0.00	0.00	0.00
60	0.00	0.05	0.10	0.05	0.00	0.00	0.00
70	0.00	0.05	0.05	0.00	0.00	0.00	0.00
80	0.00	0.05	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.05	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.05	0.00	0.00	0.00	0.00
210	0.00	0.05	0.15	0.05	0.05	0.00	0.00
220	0.00	0.05	0.25	0.15	0.10	0.00	0.00
230	0.05	0.25	0.51	0.91	0.20	0.00	0.00
240	0.00	0.25	0.81	0.97	0.46	0.00	0.00
250	0.00	0.20	0.91	1.12	0.36	0.10	0.00
260	0.00	0.10	0.46	0.61	0.25	0.05	0.00
270	0.05	0.10	0.15	0.15	0.05	0.00	0.00
280	0.00	0.05	0.10	0.10	0.00	0.00	0.00
290	0.00	0.00	0.00	0.10	0.00	0.00	0.00
300	0.00	0.00	0.05	0.10	0.05	0.05	0.00
310	0.00	0.00	0.00	0.05	0.00	0.00	0.00
320	0.00	0.05	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 02 - 03 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.3: Wind gusts at 02 - 03 UTC.

Wind gusts btw. 03 - 04 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.05	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.15	0.00	0.10	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.05	0.15	0.00	0.00	0.00	0.00
60	0.00	0.15	0.05	0.05	0.00	0.00	0.00
70	0.00	0.10	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.05	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.05	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.05	0.05	0.00	0.00	0.00
220	0.00	0.00	0.10	0.15	0.15	0.05	0.00
230	0.00	0.36	0.46	0.61	0.15	0.00	0.00
240	0.00	0.15	0.61	0.86	0.46	0.00	0.00
250	0.10	0.25	0.71	1.42	0.56	0.05	0.00
260	0.00	0.15	0.30	0.61	0.20	0.05	0.00
270	0.00	0.00	0.20	0.25	0.00	0.00	0.00
280	0.00	0.00	0.15	0.25	0.10	0.05	0.00
290	0.05	0.00	0.05	0.10	0.05	0.00	0.00
300	0.00	0.00	0.00	0.15	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 03 - 04 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.4: Wind gusts at 03 - 04 UTC.

Wind gusts btw. 04 - 05 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.10	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.05	0.10	0.05	0.10	0.00	0.00	0.00
40	0.05	0.10	0.10	0.05	0.00	0.00	0.00
50	0.05	0.10	0.25	0.00	0.00	0.00	0.00
60	0.00	0.10	0.00	0.00	0.00	0.00	0.00
70	0.00	0.05	0.05	0.00	0.00	0.00	0.00
80	0.05	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.05	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.05	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.05	0.05	0.00	0.00	0.00
220	0.05	0.10	0.30	0.25	0.05	0.00	0.00
230	0.00	0.41	0.25	0.56	0.46	0.00	0.00
240	0.05	0.30	0.41	1.02	0.30	0.00	0.00
250	0.00	0.15	1.07	1.27	0.56	0.00	0.00
260	0.00	0.25	0.66	0.56	0.15	0.05	0.00
270	0.00	0.10	0.15	0.36	0.10	0.00	0.00
280	0.00	0.10	0.41	0.10	0.00	0.00	0.00
290	0.00	0.10	0.00	0.10	0.00	0.00	0.00
300	0.00	0.05	0.00	0.05	0.05	0.00	0.00
310	0.00	0.05	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.05	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 04 - 05 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.5: Wind gusts at 04 - 05 UTC.

Wind gusts btw. 05 - 06 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.05	0.00	0.05	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.25	0.10	0.05	0.00	0.00	0.00
50	0.00	0.15	0.10	0.00	0.00	0.00	0.00
60	0.00	0.25	0.00	0.10	0.00	0.00	0.00
70	0.05	0.00	0.10	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.05	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.05	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.05	0.00	0.00	0.05	0.00	0.00	0.00
210	0.00	0.15	0.20	0.05	0.00	0.00	0.00
220	0.00	0.10	0.36	0.30	0.00	0.00	0.00
230	0.00	0.20	0.56	0.56	0.36	0.05	0.00
240	0.15	0.36	0.46	0.91	0.20	0.05	0.00
250	0.00	0.30	1.22	1.27	0.66	0.05	0.00
260	0.00	0.56	0.25	0.51	0.20	0.10	0.00
270	0.00	0.00	0.15	0.20	0.05	0.00	0.00
280	0.00	0.05	0.15	0.10	0.00	0.00	0.00
290	0.00	0.20	0.05	0.15	0.00	0.00	0.00
300	0.00	0.10	0.10	0.05	0.00	0.00	0.00
310	0.00	0.00	0.05	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.05	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 05 - 06 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.6: Wind gusts at 05 - 06 UTC.

Wind gusts btw. 06 - 07 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.05	0.00	0.00	0.00
30	0.00	0.05	0.05	0.00	0.00	0.00	0.00
40	0.00	0.05	0.05	0.05	0.00	0.00	0.00
50	0.05	0.10	0.05	0.10	0.00	0.00	0.00
60	0.05	0.36	0.15	0.05	0.00	0.00	0.00
70	0.05	0.10	0.00	0.00	0.00	0.00	0.00
80	0.00	0.05	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.05	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.10	0.20	0.00	0.00	0.00
220	0.00	0.15	0.56	0.30	0.00	0.05	0.00
230	0.00	0.10	0.51	0.66	0.20	0.10	0.00
240	0.00	0.36	0.66	0.86	0.10	0.00	0.00
250	0.00	0.20	0.81	1.47	0.51	0.10	0.00
260	0.10	0.25	0.81	0.66	0.36	0.05	0.00
270	0.00	0.10	0.10	0.10	0.10	0.00	0.00
280	0.00	0.20	0.10	0.15	0.05	0.00	0.00
290	0.00	0.00	0.15	0.05	0.00	0.00	0.00
300	0.00	0.00	0.10	0.05	0.00	0.00	0.00
310	0.00	0.00	0.05	0.00	0.05	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.05	0.00	0.00	0.00	0.00	0.00	0.00
350	0.05	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 06 - 07 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.7: Wind gusts at 06 - 07 UTC.

Wind gusts btw. 07 - 08 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.00	0.05	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.05	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.05	0.00	0.05	0.00	0.00	0.00
30	0.05	0.05	0.10	0.05	0.00	0.00	0.00
40	0.00	0.05	0.00	0.00	0.00	0.00	0.00
50	0.00	0.10	0.20	0.05	0.00	0.00	0.00
60	0.00	0.20	0.20	0.05	0.00	0.00	0.00
70	0.05	0.25	0.00	0.00	0.00	0.00	0.00
80	0.00	0.20	0.05	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.05	0.05	0.00	0.00	0.00	0.00	0.00
210	0.00	0.10	0.15	0.10	0.00	0.00	0.00
220	0.05	0.05	0.41	0.20	0.10	0.05	0.00
230	0.05	0.20	0.25	0.61	0.25	0.10	0.00
240	0.00	0.61	0.66	0.91	0.10	0.00	0.00
250	0.00	0.41	1.12	1.52	0.76	0.10	0.00
260	0.00	0.25	0.86	0.66	0.30	0.00	0.00
270	0.00	0.05	0.10	0.10	0.00	0.00	0.00
280	0.00	0.15	0.30	0.05	0.05	0.05	0.00
290	0.00	0.15	0.00	0.00	0.00	0.00	0.00
300	0.05	0.10	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.05	0.05	0.00	0.00	0.00
330	0.05	0.00	0.00	0.00	0.00	0.00	0.00
340	0.05	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 07 - 08 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.8: Wind gusts at 07 - 08 UTC.

Wind gusts btw. 08 - 09 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.15	0.05	0.00	0.00	0.00	0.00	0.00
0	0.00	0.05	0.00	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.00
20	0.00	0.10	0.00	0.00	0.00	0.00	0.00
30	0.00	0.20	0.00	0.05	0.00	0.00	0.00
40	0.15	0.15	0.20	0.10	0.00	0.00	0.00
50	0.05	0.30	0.20	0.10	0.00	0.00	0.00
60	0.25	0.41	0.46	0.10	0.00	0.00	0.00
70	0.05	0.36	0.25	0.00	0.00	0.00	0.00
80	0.00	0.20	0.05	0.00	0.00	0.00	0.00
90	0.05	0.05	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.05	0.05	0.00	0.10	0.00
220	0.00	0.05	0.36	0.30	0.05	0.00	0.00
230	0.00	0.25	0.86	0.46	0.25	0.10	0.00
240	0.00	0.10	0.46	1.12	0.20	0.00	0.00
250	0.05	0.36	0.97	1.93	0.51	0.10	0.00
260	0.05	0.41	0.41	0.76	0.25	0.05	0.00
270	0.00	0.10	0.46	0.15	0.15	0.00	0.00
280	0.00	0.10	0.05	0.15	0.15	0.00	0.00
290	0.00	0.00	0.05	0.00	0.05	0.00	0.00
300	0.05	0.00	0.10	0.00	0.05	0.00	0.00
310	0.00	0.00	0.05	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.10	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.1‰ of all available observations btw. 08 - 09 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.9: Wind gusts at 08 - 09 UTC.

Wind gusts btw. 09 - 10 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.05	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.05	0.00	0.05	0.00	0.00	0.00	0.00
20	0.05	0.00	0.05	0.00	0.00	0.00	0.00
30	0.05	0.25	0.15	0.00	0.00	0.00	0.00
40	0.10	0.41	0.41	0.05	0.05	0.00	0.00
50	0.20	0.41	0.41	0.05	0.00	0.00	0.00
60	0.05	0.61	0.46	0.20	0.00	0.00	0.00
70	0.00	0.36	0.30	0.15	0.00	0.00	0.00
80	0.05	0.15	0.10	0.05	0.00	0.00	0.00
90	0.05	0.05	0.00	0.00	0.00	0.00	0.00
100	0.00	0.05	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.05	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.05	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.05	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.15	0.10	0.00	0.05	0.00	0.00
220	0.05	0.00	0.46	0.20	0.05	0.00	0.00
230	0.00	0.10	0.61	0.76	0.20	0.20	0.00
240	0.05	0.46	0.61	1.22	0.46	0.10	0.00
250	0.00	0.56	0.76	2.08	0.61	0.00	0.00
260	0.10	0.41	0.86	0.61	0.25	0.00	0.00
270	0.00	0.10	0.46	0.25	0.15	0.00	0.00
280	0.00	0.20	0.51	0.20	0.25	0.00	0.00
290	0.00	0.05	0.00	0.15	0.05	0.00	0.00
300	0.05	0.05	0.15	0.10	0.00	0.00	0.00
310	0.00	0.05	0.00	0.00	0.00	0.00	0.00
320	0.00	0.10	0.00	0.00	0.00	0.00	0.00
330	0.05	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 09 - 10 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.10: Wind gusts at 09 - 10 UTC.

Wind gusts btw. 10 - 11 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.20	0.05	0.05	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.05	0.00	0.00	0.00	0.00	0.00
30	0.00	0.20	0.10	0.10	0.00	0.00	0.00
40	0.10	0.56	0.20	0.05	0.00	0.00	0.00
50	0.15	0.91	0.30	0.15	0.00	0.00	0.00
60	0.15	0.51	0.61	0.15	0.00	0.00	0.00
70	0.05	0.91	0.30	0.20	0.00	0.00	0.00
80	0.05	0.36	0.25	0.05	0.00	0.00	0.00
90	0.00	0.15	0.05	0.00	0.00	0.00	0.00
100	0.00	0.05	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.05	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.10	0.05	0.00	0.00	0.00	0.00
190	0.00	0.15	0.05	0.00	0.00	0.00	0.00
200	0.00	0.05	0.05	0.00	0.00	0.00	0.00
210	0.00	0.15	0.10	0.00	0.00	0.00	0.00
220	0.00	0.10	0.10	0.15	0.10	0.00	0.00
230	0.00	0.30	0.56	0.81	0.41	0.10	0.00
240	0.05	0.25	0.56	1.32	0.46	0.05	0.00
250	0.00	0.20	1.27	1.78	0.71	0.00	0.00
260	0.00	0.30	0.71	1.07	0.41	0.00	0.00
270	0.00	0.30	0.30	0.36	0.30	0.00	0.00
280	0.00	0.05	0.41	0.05	0.10	0.05	0.00
290	0.05	0.05	0.25	0.05	0.05	0.00	0.00
300	0.05	0.10	0.20	0.20	0.05	0.00	0.00
310	0.00	0.05	0.10	0.00	0.00	0.00	0.00
320	0.00	0.05	0.00	0.00	0.00	0.00	0.00
330	0.00	0.10	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 10 - 11 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.11: Wind gusts at 10 - 11 UTC.

Wind gusts btw. 11 - 12 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.20	0.15	0.00	0.00	0.00	0.00	0.00
0	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.05	0.05	0.00	0.00	0.00	0.00	0.00
20	0.10	0.20	0.05	0.00	0.00	0.00	0.00
30	0.10	0.51	0.15	0.00	0.00	0.00	0.00
40	0.00	0.71	0.41	0.00	0.00	0.00	0.00
50	0.10	1.02	0.76	0.10	0.00	0.00	0.00
60	0.00	0.97	0.66	0.30	0.00	0.00	0.00
70	0.15	0.81	0.56	0.10	0.00	0.00	0.00
80	0.20	0.51	0.56	0.10	0.00	0.00	0.00
90	0.00	0.30	0.10	0.05	0.00	0.00	0.00
100	0.00	0.10	0.05	0.05	0.00	0.00	0.00
110	0.05	0.05	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.05	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.10	0.10	0.00	0.00	0.00	0.00	0.00
210	0.20	0.15	0.10	0.15	0.05	0.00	0.00
220	0.05	0.51	0.41	0.36	0.25	0.00	0.00
230	0.05	0.25	0.41	0.86	0.56	0.00	0.00
240	0.00	0.20	0.91	0.81	0.30	0.10	0.00
250	0.10	0.30	1.22	1.83	0.97	0.00	0.00
260	0.00	0.30	1.27	1.37	0.36	0.00	0.00
270	0.10	0.15	0.36	0.20	0.05	0.00	0.00
280	0.05	0.15	0.25	0.10	0.10	0.00	0.00
290	0.00	0.05	0.36	0.15	0.05	0.15	0.00
300	0.00	0.05	0.15	0.05	0.00	0.00	0.00
310	0.00	0.05	0.15	0.10	0.00	0.00	0.00
320	0.00	0.10	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.05	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.05	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.2‰ of all available observations btw. 11 - 12 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.12: Wind gusts at 11 - 12 UTC.

Wind gusts btw. 12 - 13 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°]	Wind Speed [kt] 10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.10	0.10	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.05	0.05	0.00	0.00	0.00	0.00	0.00
20	0.00	0.05	0.00	0.00	0.00	0.00	0.00
30	0.05	0.20	0.15	0.00	0.00	0.00	0.00
40	0.10	0.46	0.36	0.05	0.00	0.00	0.00
50	0.20	0.86	1.02	0.20	0.00	0.00	0.00
60	0.00	0.76	0.66	0.20	0.00	0.00	0.00
70	0.10	0.86	0.66	0.00	0.00	0.00	0.00
80	0.05	0.36	0.46	0.05	0.00	0.00	0.00
90	0.05	0.05	0.15	0.00	0.00	0.00	0.00
100	0.00	0.10	0.00	0.00	0.00	0.00	0.00
110	0.05	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.05	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.05	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.05	0.05	0.05	0.00	0.00	0.00	0.00
190	0.00	0.05	0.05	0.00	0.00	0.00	0.00
200	0.00	0.20	0.20	0.00	0.00	0.00	0.00
210	0.15	0.05	0.25	0.10	0.00	0.10	0.00
220	0.00	0.25	0.41	0.30	0.05	0.00	0.00
230	0.00	0.30	0.71	1.27	0.66	0.00	0.00
240	0.00	0.66	1.27	1.42	0.71	0.00	0.00
250	0.00	0.46	1.17	1.83	0.66	0.00	0.00
260	0.05	0.46	1.12	1.17	0.30	0.05	0.00
270	0.05	0.30	0.25	0.36	0.10	0.00	0.00
280	0.15	0.56	0.51	0.10	0.10	0.15	0.00
290	0.00	0.20	0.10	0.15	0.15	0.00	0.00
300	0.05	0.15	0.51	0.20	0.10	0.00	0.00
310	0.00	0.05	0.00	0.05	0.00	0.00	0.00
320	0.05	0.05	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.05	0.05	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 12 - 13 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.13: Wind gusts at 12 - 13 UTC.

Wind gusts btw. 13 - 14 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.20	0.15	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.05	0.00	0.00	0.00	0.00
20	0.00	0.00	0.05	0.00	0.00	0.00	0.00
30	0.05	0.51	0.10	0.00	0.00	0.00	0.00
40	0.20	0.36	0.25	0.15	0.00	0.00	0.00
50	0.00	0.56	0.76	0.10	0.00	0.00	0.00
60	0.10	0.61	0.46	0.10	0.00	0.00	0.00
70	0.00	0.86	0.41	0.15	0.00	0.00	0.00
80	0.00	0.61	0.25	0.10	0.00	0.00	0.00
90	0.00	0.05	0.10	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.05	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.05	0.00	0.05	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.05	0.05	0.00	0.00	0.00	0.00	0.00
190	0.00	0.05	0.00	0.00	0.00	0.00	0.00
200	0.05	0.05	0.05	0.00	0.00	0.00	0.00
210	0.00	0.10	0.00	0.05	0.00	0.00	0.00
220	0.00	0.20	0.20	0.51	0.25	0.05	0.00
230	0.10	0.36	0.86	1.02	0.51	0.05	0.00
240	0.05	0.41	0.71	1.68	0.66	0.00	0.00
250	0.05	0.46	1.42	1.78	0.81	0.05	0.00
260	0.00	0.56	1.12	1.02	0.51	0.00	0.00
270	0.05	0.30	0.66	0.46	0.05	0.00	0.00
280	0.00	0.25	0.56	0.41	0.05	0.10	0.00
290	0.05	0.20	0.25	0.30	0.00	0.00	0.00
300	0.00	0.10	0.46	0.15	0.10	0.00	0.00
310	0.00	0.05	0.10	0.05	0.00	0.00	0.00
320	0.00	0.10	0.10	0.05	0.00	0.00	0.00
330	0.00	0.10	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.05	0.00	0.00	0.00
350	0.05	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 13 - 14 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.14: Wind gusts at 13 - 14 UTC.

Wind gusts btw. 14 - 15 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.10	0.10	0.00	0.05	0.00	0.00	0.00
0	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.00
20	0.00	0.15	0.05	0.00	0.00	0.00	0.00
30	0.00	0.10	0.10	0.05	0.00	0.00	0.00
40	0.10	0.15	0.30	0.00	0.00	0.00	0.00
50	0.00	0.56	0.30	0.05	0.00	0.00	0.00
60	0.05	0.46	0.46	0.10	0.00	0.00	0.00
70	0.20	0.61	0.15	0.00	0.00	0.00	0.00
80	0.00	0.56	0.41	0.05	0.05	0.00	0.00
90	0.00	0.05	0.05	0.00	0.00	0.00	0.00
100	0.00	0.05	0.05	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.05	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.05	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.05	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.05	0.00	0.00	0.00	0.00
210	0.00	0.00	0.10	0.00	0.00	0.00	0.00
220	0.05	0.15	0.30	0.30	0.36	0.05	0.00
230	0.00	0.10	0.91	0.81	0.56	0.00	0.00
240	0.05	0.36	1.02	1.42	0.56	0.00	0.00
250	0.10	0.51	1.02	1.98	0.66	0.05	0.00
260	0.05	0.36	0.86	1.22	0.46	0.15	0.00
270	0.00	0.36	0.36	0.20	0.10	0.00	0.00
280	0.10	0.61	0.56	0.41	0.15	0.00	0.00
290	0.05	0.25	0.25	0.10	0.05	0.00	0.00
300	0.00	0.10	0.46	0.15	0.00	0.00	0.00
310	0.00	0.05	0.05	0.05	0.00	0.00	0.00
320	0.00	0.05	0.10	0.05	0.00	0.00	0.00
330	0.00	0.00	0.05	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.10	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.15‰ of all available observations btw. 14 - 15 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.15: Wind gusts at 14 - 15 UTC.

Wind gusts btw. 15 - 16 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.05	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.10	0.00	0.00	0.00	0.00	0.00
30	0.00	0.05	0.05	0.00	0.00	0.00	0.00
40	0.00	0.10	0.15	0.10	0.00	0.00	0.00
50	0.05	0.56	0.20	0.15	0.00	0.00	0.00
60	0.20	0.41	0.36	0.00	0.00	0.00	0.00
70	0.05	0.46	0.25	0.00	0.00	0.00	0.00
80	0.10	0.15	0.10	0.00	0.00	0.00	0.00
90	0.00	0.15	0.00	0.00	0.00	0.00	0.00
100	0.00	0.05	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.05	0.00	0.00	0.00
160	0.00	0.00	0.05	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.05	0.00
190	0.05	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.05	0.00	0.00	0.00	0.00
210	0.05	0.05	0.15	0.10	0.00	0.00	0.00
220	0.05	0.20	0.15	0.30	0.15	0.00	0.00
230	0.00	0.20	0.71	0.41	0.25	0.05	0.00
240	0.05	0.46	1.22	0.91	0.86	0.05	0.00
250	0.05	0.41	1.27	1.32	0.71	0.00	0.00
260	0.00	0.36	1.32	0.97	0.30	0.00	0.00
270	0.05	0.25	0.30	0.30	0.05	0.00	0.00
280	0.00	0.20	0.66	0.15	0.05	0.00	0.00
290	0.05	0.25	0.15	0.25	0.10	0.00	0.00
300	0.00	0.10	0.46	0.15	0.20	0.05	0.00
310	0.00	0.05	0.05	0.10	0.00	0.05	0.00
320	0.00	0.05	0.05	0.00	0.00	0.00	0.00
330	0.05	0.05	0.00	0.00	0.00	0.00	0.00
340	0.05	0.10	0.10	0.15	0.00	0.00	0.00
350	0.00	0.15	0.10	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.1‰ of all available observations btw. 15 - 16 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.16: Wind gusts at 15 - 16 UTC.

Wind gusts btw. 16 - 17 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°]	Wind Speed [kt] 10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.15	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.05	0.00	0.00	0.00	0.00	0.00
10	0.05	0.00	0.10	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.05	0.15	0.00	0.00	0.00	0.00
40	0.00	0.15	0.10	0.15	0.00	0.00	0.00
50	0.10	0.25	0.25	0.00	0.00	0.00	0.00
60	0.15	0.36	0.30	0.00	0.00	0.00	0.00
70	0.00	0.30	0.15	0.10	0.00	0.00	0.00
80	0.05	0.20	0.05	0.10	0.00	0.00	0.00
90	0.00	0.05	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.05	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.05	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.05	0.00	0.00	0.00
190	0.00	0.05	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.10	0.00	0.00	0.00
210	0.00	0.30	0.15	0.10	0.00	0.00	0.00
220	0.00	0.10	0.20	0.20	0.10	0.00	0.00
230	0.00	0.36	0.56	0.56	0.36	0.00	0.00
240	0.05	0.20	0.86	1.02	0.61	0.05	0.00
250	0.00	0.46	1.22	0.81	0.71	0.10	0.00
260	0.05	0.15	0.66	0.86	0.30	0.00	0.00
270	0.00	0.30	0.25	0.25	0.20	0.00	0.00
280	0.05	0.20	0.10	0.30	0.15	0.00	0.00
290	0.00	0.10	0.36	0.25	0.05	0.00	0.00
300	0.00	0.15	0.15	0.20	0.05	0.00	0.00
310	0.00	0.10	0.00	0.10	0.00	0.00	0.00
320	0.00	0.00	0.05	0.00	0.00	0.00	0.00
330	0.00	0.05	0.05	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.05	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 16 - 17 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.17: Wind gusts at 16 - 17 UTC.

Wind gusts btw. 17 - 18 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.20	0.05	0.00	0.00	0.00	0.00	0.00
0	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.05	0.00	0.00	0.00
20	0.00	0.10	0.00	0.00	0.00	0.00	0.00
30	0.00	0.10	0.05	0.00	0.00	0.00	0.00
40	0.00	0.10	0.20	0.10	0.00	0.00	0.00
50	0.00	0.41	0.25	0.00	0.00	0.00	0.00
60	0.05	0.30	0.25	0.00	0.00	0.00	0.00
70	0.05	0.20	0.25	0.05	0.00	0.00	0.00
80	0.00	0.15	0.00	0.05	0.00	0.00	0.00
90	0.00	0.05	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.05	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.05	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.05	0.05	0.00	0.00	0.00
150	0.00	0.05	0.05	0.00	0.00	0.00	0.00
160	0.00	0.00	0.05	0.05	0.00	0.00	0.00
170	0.00	0.05	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.05	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.00	0.00	0.00	0.00	0.00
210	0.05	0.00	0.15	0.00	0.00	0.00	0.00
220	0.00	0.00	0.20	0.30	0.10	0.00	0.00
230	0.00	0.30	0.36	0.71	0.30	0.00	0.00
240	0.00	0.25	1.07	0.81	0.71	0.05	0.00
250	0.00	0.36	0.97	1.32	0.91	0.10	0.00
260	0.10	0.25	0.51	0.61	0.15	0.05	0.00
270	0.05	0.30	0.15	0.36	0.10	0.00	0.00
280	0.05	0.20	0.10	0.20	0.15	0.00	0.00
290	0.00	0.25	0.15	0.00	0.05	0.00	0.00
300	0.05	0.00	0.05	0.05	0.05	0.00	0.00
310	0.05	0.00	0.10	0.00	0.00	0.00	0.00
320	0.00	0.05	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.1‰ of all available observations btw. 17 - 18 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.18: Wind gusts at 17 - 18 UTC.

Wind gusts btw. 18 - 19 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°]	Wind Speed [kt] 10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.05	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.05	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.10	0.05	0.00	0.00	0.00	0.00
40	0.15	0.15	0.20	0.05	0.00	0.00	0.00
50	0.10	0.41	0.20	0.05	0.00	0.00	0.00
60	0.05	0.25	0.20	0.00	0.00	0.00	0.00
70	0.10	0.36	0.10	0.10	0.00	0.00	0.00
80	0.05	0.15	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.05	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.05	0.00	0.00	0.00	0.00	0.00
170	0.05	0.05	0.00	0.05	0.00	0.00	0.00
180	0.00	0.00	0.05	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.05	0.05	0.05	0.00	0.00	0.00
210	0.00	0.05	0.15	0.05	0.00	0.00	0.00
220	0.00	0.10	0.15	0.15	0.00	0.00	0.00
230	0.00	0.10	0.56	0.71	0.10	0.00	0.00
240	0.00	0.36	0.71	1.17	0.86	0.00	0.00
250	0.05	0.25	0.97	1.42	0.61	0.10	0.00
260	0.05	0.05	0.41	0.66	0.20	0.15	0.00
270	0.10	0.00	0.00	0.10	0.20	0.05	0.00
280	0.00	0.15	0.20	0.05	0.00	0.00	0.00
290	0.00	0.05	0.15	0.20	0.15	0.05	0.00
300	0.00	0.05	0.36	0.10	0.10	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.05	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.05	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 18 - 19 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.19: Wind gusts at 18 - 19 UTC.

Wind gusts btw. 19 - 20 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.20	0.05	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.10	0.20	0.00	0.00	0.00	0.00	0.00
40	0.00	0.26	0.10	0.10	0.00	0.00	0.00
50	0.10	0.15	0.10	0.00	0.00	0.00	0.00
60	0.05	0.31	0.36	0.00	0.00	0.00	0.00
70	0.15	0.15	0.15	0.10	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.05	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.05	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.05	0.10	0.05	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.10	0.00	0.00	0.05	0.00
170	0.00	0.00	0.00	0.05	0.00	0.00	0.00
180	0.00	0.00	0.00	0.10	0.00	0.00	0.00
190	0.00	0.05	0.05	0.05	0.00	0.00	0.00
200	0.10	0.05	0.05	0.00	0.05	0.00	0.00
210	0.00	0.05	0.15	0.00	0.00	0.00	0.00
220	0.05	0.20	0.31	0.10	0.05	0.00	0.00
230	0.00	0.10	0.31	0.61	0.20	0.00	0.00
240	0.05	0.20	0.82	0.92	0.31	0.10	0.00
250	0.00	0.36	0.92	1.59	0.51	0.15	0.00
260	0.05	0.05	0.67	0.67	0.20	0.10	0.00
270	0.05	0.20	0.20	0.15	0.10	0.05	0.00
280	0.00	0.05	0.10	0.10	0.15	0.00	0.00
290	0.00	0.10	0.05	0.10	0.10	0.00	0.00
300	0.05	0.00	0.00	0.05	0.00	0.00	0.00
310	0.00	0.00	0.05	0.00	0.00	0.00	0.00
320	0.00	0.00	0.05	0.00	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.05	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.9%, missing values: 0.1% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 19 - 20 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.20: Wind gusts at 19 - 20 UTC.

Wind gusts btw. 20 - 21 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.25	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.05	0.00	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.05	0.10	0.00	0.00	0.00	0.00
40	0.05	0.05	0.05	0.05	0.00	0.00	0.00
50	0.10	0.10	0.15	0.05	0.00	0.00	0.00
60	0.05	0.20	0.10	0.05	0.00	0.00	0.00
70	0.00	0.20	0.10	0.10	0.00	0.00	0.00
80	0.00	0.10	0.05	0.00	0.00	0.00	0.00
90	0.05	0.00	0.05	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.05	0.05	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.05	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.05	0.05	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.05	0.10	0.00	0.00	0.00	0.00
200	0.05	0.10	0.10	0.00	0.00	0.00	0.00
210	0.10	0.15	0.05	0.05	0.00	0.00	0.00
220	0.05	0.10	0.05	0.10	0.05	0.00	0.00
230	0.10	0.15	0.56	0.91	0.25	0.00	0.00
240	0.00	0.36	0.91	0.86	0.46	0.00	0.00
250	0.00	0.15	0.81	1.42	0.81	0.20	0.00
260	0.00	0.36	0.66	0.51	0.10	0.00	0.00
270	0.05	0.05	0.30	0.36	0.00	0.00	0.00
280	0.05	0.15	0.15	0.05	0.05	0.05	0.00
290	0.00	0.15	0.10	0.05	0.25	0.00	0.00
300	0.00	0.05	0.10	0.05	0.00	0.00	0.00
310	0.00	0.00	0.10	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.10	0.00	0.00	0.00
330	0.00	0.00	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.05	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 20 - 21 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.21: Wind gusts at 20 - 21 UTC.

Wind gusts btw. 21 - 22 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.66	0.36	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.05	0.05	0.00	0.00	0.00	0.00	0.00
30	0.00	0.15	0.05	0.00	0.00	0.00	0.00
40	0.00	0.00	0.10	0.05	0.00	0.00	0.00
50	0.05	0.15	0.41	0.10	0.00	0.00	0.00
60	0.00	0.15	0.05	0.05	0.00	0.00	0.00
70	0.00	0.36	0.25	0.00	0.00	0.00	0.00
80	0.05	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.05	0.00	0.00	0.00	0.00
170	0.15	0.00	0.00	0.00	0.00	0.00	0.00
180	0.20	0.05	0.00	0.00	0.00	0.00	0.00
190	0.10	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.15	0.10	0.00	0.00	0.00	0.00
210	0.05	0.05	0.15	0.05	0.00	0.00	0.00
220	0.00	0.05	0.10	0.10	0.05	0.00	0.00
230	0.00	0.20	0.30	0.71	0.15	0.00	0.00
240	0.05	0.25	0.91	0.91	0.20	0.00	0.00
250	0.05	0.20	1.02	1.58	0.46	0.10	0.00
260	0.05	0.25	0.51	0.56	0.36	0.00	0.00
270	0.05	0.30	0.25	0.41	0.20	0.00	0.00
280	0.15	0.10	0.05	0.05	0.05	0.00	0.00
290	0.00	0.05	0.30	0.10	0.10	0.00	0.00
300	0.00	0.00	0.10	0.00	0.00	0.00	0.00
310	0.00	0.00	0.05	0.00	0.00	0.00	0.00
320	0.10	0.10	0.05	0.00	0.00	0.00	0.00
330	0.00	0.05	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.05	0.00	0.00	0.00
350	0.00	0.10	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.2%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 21 - 22 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.22: Wind gusts at 21 - 22 UTC.

Wind gusts btw. 22 - 23 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.36	0.31	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.05	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.05	0.05	0.00	0.00	0.00
40	0.00	0.10	0.10	0.05	0.00	0.00	0.00
50	0.00	0.05	0.20	0.05	0.00	0.00	0.00
60	0.00	0.15	0.10	0.00	0.00	0.00	0.00
70	0.05	0.20	0.00	0.05	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.05	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.05	0.00	0.00	0.00	0.00
180	0.05	0.05	0.00	0.00	0.00	0.00	0.00
190	0.05	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.10	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.15	0.05	0.00	0.00	0.00
220	0.00	0.05	0.46	0.15	0.15	0.00	0.00
230	0.00	0.20	0.66	0.36	0.10	0.00	0.00
240	0.05	0.41	0.61	0.76	0.20	0.00	0.00
250	0.05	0.15	0.81	1.07	0.51	0.10	0.00
260	0.00	0.51	0.36	0.66	0.20	0.00	0.00
270	0.05	0.05	0.15	0.31	0.10	0.00	0.00
280	0.00	0.10	0.10	0.10	0.05	0.00	0.00
290	0.00	0.05	0.15	0.05	0.05	0.00	0.00
300	0.00	0.05	0.10	0.05	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.00	0.05	0.00	0.00	0.00	0.00
340	0.05	0.00	0.00	0.00	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.3%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0.05‰ of all available observations btw. 22 - 23 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.23: Wind gusts at 22 - 23 UTC.

Wind gusts btw. 23 - 24 UTC during the 27 years period
from 1994 - 2020, measured in ZRH (METAR) [‰]

Wind Direction [°] \ Wind Speed [kt]	10 - 15	16 - 20	21 - 25	26 - 30	31 - 40	41 - 60	> 60
Variable	0.05	0.00	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.05	0.00	0.00	0.05	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.15	0.00	0.10	0.00	0.00	0.00
40	0.05	0.05	0.00	0.00	0.00	0.00	0.00
50	0.05	0.15	0.05	0.00	0.00	0.00	0.00
60	0.00	0.15	0.00	0.05	0.00	0.00	0.00
70	0.00	0.00	0.00	0.05	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.05	0.00	0.00	0.00	0.00	0.00
130	0.00	0.05	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210	0.00	0.05	0.00	0.10	0.05	0.00	0.00
220	0.00	0.10	0.15	0.31	0.05	0.00	0.00
230	0.00	0.00	0.31	1.02	0.10	0.00	0.00
240	0.05	0.05	0.61	0.71	0.36	0.00	0.00
250	0.00	0.15	0.76	1.58	0.36	0.00	0.00
260	0.10	0.15	0.51	0.71	0.20	0.00	0.00
270	0.00	0.15	0.25	0.05	0.05	0.00	0.00
280	0.00	0.05	0.10	0.15	0.00	0.00	0.00
290	0.05	0.00	0.15	0.10	0.05	0.00	0.00
300	0.00	0.05	0.00	0.00	0.00	0.00	0.00
310	0.00	0.00	0.00	0.00	0.00	0.00	0.00
320	0.00	0.00	0.00	0.00	0.00	0.00	0.00
330	0.00	0.05	0.00	0.00	0.00	0.00	0.00
340	0.00	0.00	0.00	0.05	0.00	0.00	0.00
350	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frequency [‰] relative to all available METARs. No AUTO METARs.
Not available METARs: 0.5%, missing values: 0.0% (direction).
Example: During the 27 years period from 1994 - 2020, 0‰ of all available observations btw. 23 - 24 UTC showed a wind gust between 16 - 20 kt with a wind direction of 20 degrees.

Figure 2.5.24: Wind gusts at 23 - 24 UTC.

3 Visibility and Ceiling

3.1 Visibility

In the following tables the cumulative frequencies in percent of visibility below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.1.1 Hourly Visibility in 27 years

Visibility during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.1	0.1	0.4	2.3	3.7	4.3	5.4	8.7	15.7	28.3	35.7	38.3	25.9	0.1	47.9
01-02	0.0	0.1	0.4	2.5	4.0	4.7	5.9	9.5	16.9	30.4	37.6	38.2	24.1	0.0	0.3
02-03	0.0	0.2	0.5	2.8	4.5	5.1	6.6	10.6	18.8	32.8	40.3	38.3	21.3	0.0	0.2
03-04	0.0	0.1	0.6	3.3	5.1	6.0	7.7	11.8	20.7	35.7	43.7	38.3	18.0	0.0	0.2
04-05	0.0	0.1	0.6	3.4	5.4	6.3	8.0	12.4	22.1	37.4	45.5	37.0	17.4	0.0	0.2
05-06	0.0	0.1	0.5	3.4	5.3	6.1	8.0	12.7	22.6	38.2	46.3	35.3	18.3	0.0	0.2
06-07	0.0	0.1	0.4	3.1	4.7	5.4	7.3	12.4	22.3	37.3	45.1	36.2	18.6	0.0	0.2
07-08	0.0	0.1	0.3	2.6	3.8	4.5	6.3	11.6	20.6	34.7	42.4	39.5	18.1	0.0	0.2
08-09	0.0	0.0	0.1	1.8	2.9	3.4	4.8	9.7	17.6	30.9	38.6	44.3	17.1	0.0	0.2
09-10	0.0	0.0	0.1	0.9	1.6	2.0	3.2	7.0	14.3	26.4	33.9	50.1	16.0	0.0	0.2
10-11	0.0	0.0	0.0	0.3	0.7	1.0	1.9	4.8	11.1	22.4	29.3	56.5	14.2	0.0	0.2
11-12	0.0	0.0	0.0	0.2	0.4	0.6	1.2	3.4	8.6	19.0	25.5	61.3	13.2	0.0	0.2
12-13	0.0	0.0	0.0	0.1	0.2	0.3	0.9	2.6	6.7	16.2	22.4	64.5	13.1	0.0	0.2
13-14	0.0	0.0	0.0	0.1	0.2	0.3	0.7	2.1	5.6	14.6	20.2	65.6	14.2	0.0	0.3
14-15	0.0	0.0	0.0	0.2	0.3	0.3	0.7	2.2	5.5	14.2	19.5	64.7	15.7	0.1	0.2
15-16	0.0	0.0	0.1	0.3	0.4	0.4	0.9	2.6	6.4	14.7	20.0	62.4	17.5	0.1	0.2
16-17	0.0	0.0	0.1	0.3	0.4	0.5	0.9	2.5	6.8	15.7	21.1	58.7	20.2	0.0	0.2
17-18	0.0	0.0	0.1	0.4	0.5	0.5	0.8	2.4	7.0	16.6	22.3	54.1	23.6	0.0	0.2
18-19	0.0	0.0	0.0	0.4	0.6	0.7	1.1	2.7	7.5	17.7	23.8	49.4	26.7	0.1	0.2
19-20	0.0	0.0	0.0	0.4	0.8	1.0	1.3	3.1	8.1	18.8	25.1	46.8	28.0	0.0	0.9
20-21	0.0	0.0	0.1	0.7	1.0	1.2	1.8	3.8	8.9	20.2	26.8	44.6	28.6	0.0	0.3
21-22	0.0	0.1	0.1	0.9	1.5	1.8	2.5	4.8	10.2	21.8	28.3	42.6	29.1	0.0	0.2
22-23	0.0	0.1	0.2	1.2	2.1	2.4	3.3	5.9	11.7	23.6	30.4	41.2	28.4	0.0	0.3
23-24	0.0	0.1	0.3	1.7	2.7	3.2	4.2	7.2	13.7	26.1	33.0	39.5	27.6	0.0	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.3% of all available METARs between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.1: Hourly visibility in 27 years.

3.1.2 Monthly Visibility in 27 years

Visibility during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
January	0.0	0.1	0.4	2.0	3.1	3.7	5.6	13.5	27.7	46.3	54.8	36.0	9.2	0.0	2.5
February	0.0	0.0	0.2	1.1	1.6	2.0	3.6	8.8	18.2	36.7	46.2	36.1	17.6	0.1	2.8
March	0.0	0.0	0.2	0.7	1.0	1.2	2.0	4.3	9.8	22.9	31.0	43.4	25.5	0.0	2.2
April	0.0	0.0	0.1	0.3	0.5	0.6	0.8	1.7	4.5	13.3	19.4	49.1	31.4	0.0	2.4
May	0.0	0.0	0.1	0.3	0.5	0.6	0.8	1.3	3.3	9.7	14.2	60.5	25.3	0.1	2.1
June	0.0	0.0	0.0	0.2	0.3	0.3	0.4	0.8	2.2	6.9	10.6	64.6	24.7	0.0	2.1
July	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.8	2.0	5.9	8.9	62.4	28.7	0.0	2.2
August	0.0	0.0	0.0	0.3	0.5	0.6	0.8	1.4	3.4	9.6	14.4	58.3	27.3	0.0	2.1
September	0.0	0.0	0.2	1.7	2.6	3.0	3.7	5.4	9.4	19.4	26.7	50.8	22.5	0.0	2.1
October	0.1	0.2	0.7	4.1	5.8	6.6	8.0	11.9	21.2	36.8	45.4	38.9	15.7	0.0	2.2
November	0.0	0.1	0.4	3.4	5.6	6.5	8.3	13.6	25.2	43.9	53.0	37.0	9.9	0.0	2.3
December	0.0	0.0	0.2	2.1	4.2	5.2	7.6	14.4	27.4	45.3	53.9	37.9	8.3	0.0	2.1

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.3% of all available METARs in April showed a visibility < 350 m.

Figure 3.1.2: Monthly visibility in 27 years.

3.1.3 Hourly Visibility per Season

Visibility in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.1	0.2	0.6	2.7	4.8	5.7	8.1	15.1	28.1	46.7	56.1	32.7	11.2	0.0	47.8
01-02	0.0	0.2	0.6	2.8	4.8	5.9	8.0	15.7	29.0	48.6	57.1	32.1	10.8	0.0	0.5
02-03	0.0	0.2	0.6	2.7	4.7	5.6	7.9	16.3	29.8	49.5	58.1	32.1	9.7	0.0	0.4
03-04	0.1	0.2	0.6	3.0	5.2	6.2	8.6	16.4	30.9	50.8	59.5	31.8	8.7	0.0	0.4
04-05	0.0	0.1	0.6	3.2	5.6	6.6	9.0	16.2	31.5	51.1	59.9	32.1	8.0	0.0	0.5
05-06	0.0	0.1	0.4	2.6	5.4	6.6	9.3	16.4	31.7	51.8	61.1	31.7	7.2	0.0	0.5
06-07	0.0	0.0	0.2	2.6	5.0	6.3	9.6	18.1	34.5	53.8	62.4	30.9	6.7	0.0	0.4
07-08	0.0	0.0	0.5	3.1	4.8	6.2	10.0	21.1	36.0	53.6	61.6	31.5	6.8	0.1	0.5
08-09	0.0	0.0	0.3	3.2	5.1	6.6	9.3	20.0	34.4	52.1	59.7	33.0	7.1	0.1	0.5
09-10	0.0	0.0	0.2	2.4	3.7	4.7	7.5	17.0	30.8	49.0	57.5	34.9	7.5	0.1	0.4
10-11	0.0	0.0	0.0	1.2	2.1	2.8	5.3	13.1	26.2	44.0	52.4	39.1	8.5	0.0	0.4
11-12	0.0	0.0	0.0	0.7	1.5	1.9	3.7	9.8	21.5	39.6	48.5	42.0	9.5	0.0	0.6
12-13	0.0	0.0	0.1	0.4	0.8	1.1	2.8	7.9	18.0	34.6	44.0	45.1	10.8	0.0	0.5
13-14	0.0	0.0	0.1	0.4	0.7	0.9	2.1	6.7	15.9	31.7	40.9	46.0	13.1	0.0	0.4
14-15	0.0	0.0	0.1	0.6	0.8	1.0	2.2	6.8	15.4	31.3	40.2	45.1	14.6	0.1	0.5
15-16	0.0	0.0	0.2	0.7	1.1	1.2	2.6	7.6	16.8	32.7	41.4	43.2	15.4	0.1	0.5
16-17	0.0	0.0	0.2	0.7	1.1	1.3	2.4	7.1	17.5	34.5	43.3	40.5	16.2	0.1	0.4
17-18	0.0	0.0	0.1	0.9	1.2	1.4	2.2	6.7	17.1	35.6	44.6	38.8	16.6	0.0	0.5
18-19	0.0	0.0	0.1	0.9	1.3	1.6	2.8	7.1	18.0	36.9	46.3	37.1	16.4	0.1	0.5
19-20	0.0	0.0	0.1	1.0	1.7	2.1	3.2	7.8	19.3	37.8	47.3	36.8	15.8	0.1	1.0
20-21	0.0	0.0	0.1	1.3	2.1	2.5	3.8	9.0	20.1	39.2	48.7	36.0	15.2	0.0	0.4
21-22	0.0	0.1	0.2	1.4	2.6	3.2	4.7	10.4	21.6	40.4	49.5	36.4	14.1	0.0	0.4
22-23	0.0	0.2	0.4	1.5	3.0	3.7	5.7	11.6	23.2	42.8	51.5	35.3	13.2	0.0	0.4
23-24	0.1	0.1	0.4	2.1	3.9	4.7	6.5	13.3	25.6	45.0	53.3	34.1	12.6	0.0	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3% of all available METARs in Winter (DJF) between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.3: Hourly visibility in Winter.

Visibility in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	1.0	1.1	1.3	2.6	6.3	16.6	23.9	39.1	36.9	0.1	48.0
01-02	0.0	0.0	0.1	0.9	1.2	1.4	1.8	3.2	7.3	19.3	26.2	39.8	34.0	0.1	0.2
02-03	0.0	0.0	0.1	1.1	1.9	2.0	2.9	4.4	9.4	22.4	29.9	38.8	31.3	0.1	0.2
03-04	0.0	0.1	0.3	1.5	2.4	2.8	3.7	5.7	11.7	25.9	34.1	38.8	27.0	0.1	0.2
04-05	0.1	0.2	0.4	1.9	2.6	3.0	4.0	6.7	13.4	28.3	37.1	37.6	25.3	0.1	0.2
05-06	0.1	0.1	0.4	1.9	2.5	2.8	4.1	7.6	14.5	30.2	38.3	35.4	26.3	0.0	0.2
06-07	0.1	0.1	0.3	1.3	1.8	2.2	3.3	6.9	13.9	28.0	35.7	37.2	27.1	0.0	0.1
07-08	0.0	0.0	0.2	0.7	1.0	1.3	2.2	5.0	11.2	24.2	31.8	41.8	26.3	0.1	0.2
08-09	0.0	0.0	0.1	0.4	0.6	0.7	1.2	3.1	7.4	20.0	28.1	47.7	24.2	0.0	0.3
09-10	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.9	5.2	15.0	22.7	54.7	22.6	0.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.1	3.7	12.1	18.9	61.4	19.7	0.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	2.6	10.2	15.8	66.5	17.7	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	2.0	8.5	13.8	70.2	16.0	0.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.7	7.9	12.2	71.6	16.0	0.1	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	1.8	8.1	12.2	70.9	16.8	0.1	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.8	2.4	7.9	12.0	69.0	18.9	0.1	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.7	2.6	7.9	12.1	65.1	22.8	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.0	8.6	13.4	59.1	27.5	0.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	2.8	9.4	14.0	54.0	32.0	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	2.7	9.7	14.8	49.5	35.7	0.0	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	2.7	10.1	15.5	45.9	38.5	0.0	0.2
21-22	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.9	3.2	11.5	17.1	43.2	39.7	0.0	0.2
22-23	0.0	0.0	0.0	0.2	0.3	0.4	0.7	1.3	3.8	12.1	18.4	42.0	39.6	0.0	0.3
23-24	0.0	0.0	0.0	0.4	0.6	0.7	1.0	1.8	5.1	14.8	20.6	40.1	39.3	0.0	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.5% of all available METARs in Spring (MAM) between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.4: Hourly visibility in Spring.

Visibility in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.4	0.5	0.6	0.7	1.2	2.7	8.8	13.2	45.6	41.1	0.0	47.9
01-02	0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.8	3.7	10.4	15.0	46.3	38.7	0.0	0.1
02-03	0.0	0.0	0.1	0.6	1.0	1.2	1.7	2.6	5.3	13.1	18.6	47.9	33.5	0.0	0.1
03-04	0.0	0.0	0.1	1.2	1.9	2.2	2.9	4.3	8.3	17.8	24.0	48.7	27.3	0.0	0.1
04-05	0.0	0.0	0.1	1.2	2.0	2.5	3.3	5.2	9.6	19.3	25.6	45.5	28.9	0.0	0.1
05-06	0.0	0.0	0.1	0.9	1.6	1.8	2.4	4.1	8.3	17.8	24.6	43.1	32.3	0.0	0.2
06-07	0.0	0.0	0.0	0.2	0.4	0.7	1.1	2.0	5.4	14.7	21.6	45.6	32.8	0.0	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.1	11.3	17.9	51.4	30.7	0.0	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	7.2	13.3	59.4	27.3	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	4.8	9.0	68.5	22.5	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.7	6.9	76.4	16.6	0.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.5	5.6	81.7	12.6	0.1	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.0	5.4	84.1	10.5	0.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.6	4.3	86.1	9.6	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	2.6	4.4	84.9	10.6	0.1	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	4.8	83.2	11.9	0.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.9	4.8	79.7	15.5	0.1	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	3.4	5.1	72.9	21.9	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	3.9	6.2	63.6	30.2	0.1	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	4.5	6.8	58.4	34.8	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	4.5	7.1	55.0	37.9	0.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	5.0	8.0	50.8	41.2	0.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	1.4	5.7	9.1	48.7	42.2	0.0	0.2
23-24	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.9	7.0	11.2	46.5	42.3	0.0	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.2% of all available METARs in Summer (JJA) between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.5: Hourly visibility in Summer.

Visibility in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.2	0.3	0.9	5.3	8.5	9.9	11.7	16.0	26.1	41.4	50.0	35.7	14.2	0.0	47.9
01-02	0.1	0.3	1.0	6.0	9.3	10.8	13.0	17.6	28.0	44.0	52.8	34.7	12.5	0.0	0.3
02-03	0.1	0.4	1.2	6.8	10.5	11.8	14.0	19.5	30.9	46.8	55.2	34.3	10.4	0.0	0.2
03-04	0.1	0.2	1.5	7.5	11.1	12.9	15.5	21.0	32.4	48.8	57.7	33.7	8.6	0.0	0.1
04-05	0.0	0.2	1.1	7.4	11.5	13.1	15.8	21.7	34.1	51.4	60.1	32.6	7.3	0.0	0.1
05-06	0.1	0.1	1.1	8.2	11.7	13.3	16.1	23.0	36.1	53.4	61.9	30.8	7.2	0.1	0.2
06-07	0.1	0.2	0.9	8.5	11.5	12.6	15.4	22.8	35.9	53.4	61.4	31.1	7.5	0.0	0.2
07-08	0.0	0.1	0.7	6.7	9.3	10.4	12.8	20.0	32.5	50.5	58.8	32.8	8.4	0.0	0.2
08-09	0.0	0.0	0.2	3.5	5.8	6.6	8.8	15.7	27.2	45.1	53.9	36.7	9.4	0.0	0.1
09-10	0.0	0.0	0.1	1.1	2.4	3.1	4.7	9.5	20.5	37.5	46.9	42.1	10.9	0.0	0.1
10-11	0.0	0.0	0.0	0.2	0.7	1.2	2.2	5.3	14.1	30.3	39.5	48.7	11.8	0.0	0.1
11-12	0.0	0.0	0.0	0.1	0.3	0.5	1.1	3.0	10.0	23.2	32.7	54.3	13.0	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.9	6.6	19.2	26.9	57.9	15.2	0.0	0.2
13-14	0.0	0.0	0.0	0.0	0.1	0.2	0.4	1.4	4.9	16.6	24.0	58.0	18.1	0.0	0.3
14-15	0.0	0.0	0.0	0.1	0.2	0.3	0.5	1.4	4.7	15.2	21.7	57.4	20.9	0.0	0.2
15-16	0.0	0.0	0.0	0.3	0.4	0.4	0.7	2.1	5.7	15.8	22.5	53.6	23.9	0.0	0.2
16-17	0.0	0.0	0.1	0.4	0.6	0.7	0.9	2.0	7.0	18.1	24.7	49.0	26.3	0.0	0.2
17-18	0.0	0.0	0.1	0.5	0.7	0.8	1.1	2.2	7.2	19.4	26.7	44.9	28.2	0.1	0.2
18-19	0.0	0.0	0.0	0.7	0.9	1.2	1.6	3.0	8.3	21.2	29.3	42.7	28.0	0.0	0.2
19-20	0.0	0.0	0.0	0.8	1.4	1.7	2.2	3.9	9.8	23.6	32.2	42.3	25.5	0.0	1.0
20-21	0.0	0.0	0.2	1.4	2.0	2.4	3.2	5.5	12.2	27.6	36.3	41.0	22.6	0.1	0.3
21-22	0.0	0.1	0.3	2.1	3.4	4.0	4.9	7.9	15.3	30.8	39.2	39.8	21.0	0.0	0.2
22-23	0.1	0.2	0.6	2.9	4.9	5.6	6.7	10.5	18.7	34.3	43.4	38.5	18.1	0.0	0.3
23-24	0.1	0.3	0.9	4.2	6.4	7.3	9.0	13.2	22.6	38.4	47.3	37.1	15.6	0.0	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 7.5% of all available METARs in Autumn (SON) between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.6: Hourly visibility in Autumn.

3.1.4 Hourly Visibility per Month

Visibility in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.1	0.3	0.8	3.2	5.2	5.5	8.4	16.4	30.7	49.1	57.0	34.0	8.9	0.1	47.6
01-02	0.1	0.4	1.0	3.2	5.0	5.8	7.8	17.4	31.9	51.4	58.8	33.1	8.2	0.0	0.6
02-03	0.1	0.4	0.8	3.4	5.0	5.8	7.7	17.9	32.0	51.3	59.0	33.2	7.6	0.1	0.4
03-04	0.1	0.5	1.0	4.0	5.5	6.0	8.6	17.4	32.5	53.1	60.9	31.6	7.5	0.0	0.5
04-05	0.1	0.2	1.1	3.4	5.7	6.5	8.8	16.6	32.1	53.7	61.8	31.0	7.2	0.0	0.5
05-06	0.0	0.1	0.7	3.1	5.6	6.3	9.3	16.8	31.8	53.2	62.3	31.4	6.3	0.0	0.5
06-07	0.0	0.1	0.4	2.8	4.7	5.8	8.9	17.3	35.0	54.9	63.7	30.1	6.2	0.0	0.5
07-08	0.0	0.1	0.7	2.8	4.6	5.8	10.0	22.7	38.0	55.6	62.6	31.3	6.0	0.1	0.5
08-09	0.0	0.0	0.4	3.1	5.0	6.7	9.4	22.1	37.0	55.1	61.9	32.0	5.9	0.2	0.4
09-10	0.0	0.1	0.4	2.5	3.9	4.7	7.7	19.4	34.4	52.3	60.4	33.8	5.8	0.1	0.4
10-11	0.0	0.0	0.1	1.6	2.4	3.2	5.6	14.6	30.0	48.6	56.0	37.6	6.4	0.0	0.5
11-12	0.0	0.0	0.1	0.9	1.6	2.3	4.7	12.0	25.3	44.1	53.2	39.6	7.3	0.0	0.5
12-13	0.0	0.0	0.1	0.5	0.7	1.1	2.9	9.7	21.4	38.6	47.1	44.6	8.3	0.0	0.4
13-14	0.0	0.0	0.1	0.5	0.7	1.0	1.7	7.7	20.2	37.0	45.7	44.5	9.8	0.0	0.5
14-15	0.0	0.0	0.1	0.6	0.8	1.1	2.0	7.7	19.8	36.1	44.6	43.7	11.7	0.0	0.4
15-16	0.0	0.1	0.4	0.8	1.0	1.1	2.5	8.3	20.5	37.6	46.0	41.3	12.7	0.1	0.5
16-17	0.0	0.1	0.4	0.9	1.1	1.3	2.6	8.3	22.3	39.4	48.6	38.0	13.4	0.0	0.5
17-18	0.0	0.0	0.2	1.2	1.3	1.4	2.3	7.1	21.3	40.4	49.9	35.8	14.3	0.0	0.4
18-19	0.0	0.0	0.1	1.2	1.4	1.8	2.8	7.3	21.8	40.5	50.8	36.1	13.1	0.0	0.6
19-20	0.0	0.0	0.2	1.3	1.7	2.1	2.8	8.1	23.5	41.3	50.9	36.8	12.3	0.1	1.0
20-21	0.0	0.0	0.2	1.9	2.4	2.5	3.5	9.7	24.4	42.3	51.5	36.7	11.8	0.0	0.5
21-22	0.1	0.2	0.4	1.9	2.7	3.1	4.4	12.0	25.5	43.5	51.9	37.0	11.0	0.0	0.5
22-23	0.1	0.4	0.5	2.1	2.9	3.4	5.2	13.0	27.0	45.8	54.5	36.2	9.4	0.0	0.5
23-24	0.1	0.2	0.7	2.8	4.0	4.6	6.7	14.7	28.5	48.3	56.4	34.2	9.4	0.0	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4% of all available METARs in January between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.7: Hourly visibility in January.

Visibility in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	0.4	1.0	1.9	2.4	3.8	10.9	21.2	41.0	51.5	30.6	17.9	0.0	48.1
01-02	0.0	0.0	0.3	1.3	2.1	2.8	4.4	12.0	22.5	43.7	53.1	30.3	16.6	0.0	0.7
02-03	0.0	0.1	0.3	1.3	2.2	2.7	4.9	12.5	24.5	45.8	55.2	30.0	14.8	0.0	0.7
03-04	0.1	0.1	0.4	2.3	3.5	4.4	6.4	13.0	25.4	47.8	57.6	29.9	12.5	0.0	0.7
04-05	0.0	0.0	0.5	3.0	4.7	5.3	6.9	12.9	28.5	48.5	57.7	31.2	11.1	0.0	0.8
05-06	0.0	0.1	0.3	2.6	4.3	5.5	7.1	13.7	29.6	49.6	59.9	30.1	10.0	0.1	0.7
06-07	0.0	0.0	0.1	2.7	4.6	5.6	8.4	18.2	34.2	53.5	61.7	29.2	9.2	0.0	0.7
07-08	0.0	0.0	0.6	3.6	4.7	5.3	9.0	19.1	34.3	51.8	61.1	29.4	9.4	0.1	0.7
08-09	0.0	0.0	0.3	3.2	4.1	5.2	7.6	17.6	32.3	49.9	57.7	31.7	10.5	0.1	1.0
09-10	0.0	0.0	0.1	2.2	2.8	3.5	6.3	13.4	25.6	45.5	55.0	33.1	11.8	0.1	0.7
10-11	0.0	0.0	0.0	0.8	1.2	1.7	3.8	9.4	19.1	38.4	48.2	38.6	13.2	0.0	0.7
11-12	0.0	0.0	0.0	0.1	0.4	0.5	1.9	6.4	14.4	33.5	42.9	42.5	14.6	0.1	0.9
12-13	0.0	0.0	0.0	0.0	0.1	0.2	1.8	4.6	11.0	27.6	38.3	45.7	16.0	0.0	0.9
13-14	0.0	0.0	0.0	0.0	0.0	0.1	1.3	4.1	8.7	23.3	32.7	48.6	18.7	0.0	0.7
14-15	0.0	0.0	0.0	0.0	0.0	0.1	1.2	3.3	8.1	22.7	31.7	46.9	21.2	0.2	0.9
15-16	0.0	0.0	0.0	0.0	0.1	0.1	1.0	3.8	8.4	21.3	31.7	45.3	22.8	0.2	0.7
16-17	0.0	0.0	0.0	0.0	0.1	0.1	0.9	3.5	8.1	23.9	32.9	42.8	24.3	0.0	0.7
17-18	0.0	0.0	0.0	0.0	0.0	0.1	0.9	2.9	8.9	26.4	35.2	40.2	24.6	0.0	0.8
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.3	8.5	28.2	36.5	37.2	26.2	0.1	0.7
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.5	3.8	9.8	28.3	38.1	36.0	25.6	0.3	1.4
20-21	0.0	0.0	0.0	0.0	0.0	0.1	0.8	4.7	10.6	30.0	40.8	34.1	25.0	0.1	0.8
21-22	0.0	0.0	0.0	0.1	0.4	0.7	1.3	4.7	12.1	31.2	41.9	34.7	23.5	0.0	0.6
22-23	0.0	0.1	0.2	0.4	0.9	1.3	2.1	5.7	14.2	34.5	44.7	32.7	22.6	0.1	0.7
23-24	0.0	0.1	0.3	0.7	1.3	1.5	2.7	8.2	17.7	37.3	46.1	33.3	20.6	0.0	1.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.3% of all available METARs in February between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.8: Hourly visibility in February.

Visibility in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	1.1	1.5	1.5	1.9	4.1	10.6	24.9	35.2	36.6	28.1	0.1	47.5
01-02	0.0	0.0	0.1	1.4	1.7	1.7	2.4	4.8	11.7	28.2	37.9	36.3	25.8	0.1	0.1
02-03	0.0	0.1	0.3	1.4	2.2	2.2	3.9	6.4	14.4	32.1	40.4	35.3	24.3	0.0	0.1
03-04	0.1	0.2	0.6	1.7	2.9	3.2	4.4	7.7	15.8	33.8	42.8	35.2	22.0	0.0	0.0
04-05	0.1	0.2	0.6	2.1	2.9	3.4	4.8	8.6	17.1	35.4	45.5	35.2	19.3	0.0	0.2
05-06	0.2	0.2	0.5	2.5	3.2	3.8	6.3	12.1	21.4	40.6	49.3	33.9	16.8	0.0	0.1
06-07	0.2	0.3	0.7	2.4	3.0	3.9	6.3	12.5	23.2	39.5	48.4	34.3	17.2	0.1	0.0
07-08	0.1	0.1	0.5	1.8	2.3	2.9	5.0	11.1	20.2	36.7	45.7	35.8	18.4	0.0	0.2
08-09	0.0	0.0	0.2	1.3	1.6	1.9	2.8	7.7	15.7	33.2	42.0	38.6	19.3	0.1	0.4
09-10	0.0	0.0	0.1	0.4	0.4	0.7	1.9	4.6	10.9	26.1	36.6	42.8	20.6	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.1	0.3	2.6	7.8	21.3	30.5	48.9	20.6	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.5	4.9	17.5	25.6	52.6	21.8	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	3.7	14.5	22.3	55.4	22.2	0.1	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.8	3.2	13.0	18.8	58.2	22.7	0.2	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.4	3.7	12.9	19.2	56.6	24.2	0.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.7	4.1	12.1	18.3	55.0	26.7	0.1	0.0
16-17	0.0	0.0	0.0	0.0	0.1	0.2	0.7	1.3	4.7	12.7	18.9	51.8	29.3	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.1	5.0	12.9	20.5	48.2	31.2	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.0	4.8	13.9	20.7	46.3	33.0	0.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.1	4.8	14.1	20.3	44.9	34.7	0.1	1.0
20-21	0.0	0.0	0.0	0.0	0.1	0.2	0.4	1.4	5.1	16.0	22.5	42.5	34.9	0.0	0.2
21-22	0.0	0.0	0.0	0.2	0.3	0.3	0.9	2.0	5.8	17.9	25.7	40.0	34.4	0.0	0.4
22-23	0.0	0.0	0.0	0.4	0.7	0.7	1.5	2.7	7.1	18.7	28.2	38.2	33.6	0.0	0.5
23-24	0.0	0.0	0.1	0.6	1.0	1.3	1.8	3.3	8.9	22.8	31.0	36.7	32.4	0.0	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.7% of all available METARs in March between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.9: Hourly visibility in March.

Visibility in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.5	0.5	0.6	0.7	1.7	4.9	13.9	20.1	36.0	43.7	0.1	48.5
01-02	0.0	0.0	0.0	0.4	0.7	0.9	1.2	2.6	5.9	16.3	21.8	37.6	40.5	0.1	0.4
02-03	0.0	0.0	0.0	0.5	1.4	1.5	2.0	3.3	7.4	19.0	26.3	35.6	37.9	0.1	0.4
03-04	0.0	0.0	0.1	1.3	2.1	2.4	3.2	4.4	9.2	21.9	31.3	34.6	34.0	0.1	0.4
04-05	0.1	0.1	0.4	1.7	2.4	2.7	3.2	6.0	11.9	26.2	36.0	34.5	29.5	0.1	0.2
05-06	0.1	0.1	0.5	1.8	2.2	2.3	2.8	5.9	13.6	28.8	37.1	32.5	30.4	0.1	0.4
06-07	0.1	0.1	0.2	0.9	1.4	1.5	1.9	5.2	11.8	26.2	34.3	34.0	31.7	0.0	0.4
07-08	0.0	0.0	0.2	0.2	0.6	0.8	1.2	2.8	8.4	21.9	30.5	37.6	31.8	0.1	0.4
08-09	0.0	0.0	0.0	0.0	0.2	0.2	0.7	1.3	4.5	17.1	26.8	42.8	30.4	0.0	0.4
09-10	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.8	3.0	12.4	20.2	51.5	28.3	0.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	2.4	9.9	16.5	58.9	24.5	0.1	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.7	7.8	12.6	66.3	21.1	0.0	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.6	7.1	11.7	71.1	17.2	0.1	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.2	6.9	11.3	72.1	16.6	0.0	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.1	6.8	10.6	71.7	17.7	0.0	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.7	6.9	10.7	69.8	19.5	0.0	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.5	6.7	10.5	65.3	24.1	0.1	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.9	7.2	11.0	59.3	29.7	0.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	8.1	12.6	51.8	35.6	0.1	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	8.2	13.6	46.9	39.5	0.0	1.2
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.8	8.0	13.7	43.1	43.2	0.0	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.5	2.3	9.4	14.0	41.6	44.4	0.0	0.2
22-23	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.6	2.6	10.5	15.5	39.6	44.9	0.0	0.5
23-24	0.0	0.0	0.0	0.2	0.2	0.4	0.4	1.1	3.7	12.9	18.0	38.3	43.6	0.0	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.3% of all available METARs in April between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.10: Hourly visibility in April.

Visibility in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.6	1.2	1.2	1.3	2.0	3.3	10.9	16.1	44.6	39.1	0.1	48.1
01-02	0.0	0.0	0.1	0.7	1.2	1.4	1.7	2.2	4.4	13.3	18.8	45.3	35.9	0.0	0.1
02-03	0.0	0.0	0.1	1.4	2.0	2.2	2.8	3.3	6.2	16.1	22.8	45.3	31.8	0.1	0.1
03-04	0.0	0.1	0.3	1.6	2.2	2.8	3.5	5.0	9.9	21.9	28.2	46.5	25.2	0.1	0.1
04-05	0.1	0.2	0.4	1.9	2.6	2.9	4.0	5.5	11.2	23.4	29.6	43.0	27.3	0.1	0.1
05-06	0.0	0.1	0.4	1.3	2.1	2.3	3.1	4.7	8.4	21.1	28.4	39.6	32.0	0.0	0.1
06-07	0.0	0.0	0.1	0.5	1.0	1.1	1.6	2.9	6.6	18.1	24.2	43.2	32.6	0.1	0.1
07-08	0.0	0.0	0.0	0.1	0.1	0.1	0.3	1.0	4.9	13.9	19.2	51.9	28.8	0.2	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.1	9.6	15.4	61.5	23.1	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5	6.4	11.2	69.7	19.2	0.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	5.1	9.5	76.3	14.2	0.1	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	5.2	9.1	80.5	10.4	0.1	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.8	7.4	84.0	8.6	0.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.8	6.5	84.6	8.8	0.1	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	4.6	6.9	84.3	8.6	0.2	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	4.8	7.1	82.2	10.6	0.1	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	4.3	6.8	78.2	15.0	0.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.9	5.5	8.5	69.9	21.6	0.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.0	6.1	8.7	63.8	27.5	0.1	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6	6.6	10.4	56.5	33.1	0.0	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	6.3	10.4	52.1	37.5	0.0	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6	7.2	11.5	47.9	40.6	0.0	0.1
22-23	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.5	1.8	7.1	11.4	48.1	40.5	0.0	0.0
23-24	0.0	0.0	0.0	0.3	0.5	0.5	0.7	1.0	2.5	8.5	12.8	45.1	42.0	0.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.6% of all available METARs in May between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.11: Hourly visibility in May.

Visibility in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.9	2.5	8.6	13.2	46.6	40.1	0.0	47.7
01-02	0.0	0.0	0.0	0.1	0.1	0.2	0.4	1.2	4.0	10.6	15.1	45.8	39.1	0.0	0.1
02-03	0.0	0.0	0.0	0.6	0.7	0.9	1.4	2.5	5.4	13.4	18.8	48.2	32.9	0.1	0.1
03-04	0.0	0.0	0.0	1.4	2.0	2.2	2.6	4.1	8.0	18.6	24.1	49.4	26.5	0.0	0.0
04-05	0.0	0.0	0.0	1.2	1.7	2.2	2.7	4.4	7.5	17.5	23.5	45.3	31.2	0.1	0.1
05-06	0.0	0.0	0.0	0.6	1.0	1.3	1.5	2.7	6.1	14.2	22.3	44.4	33.3	0.0	0.1
06-07	0.0	0.0	0.0	0.0	0.1	0.2	0.4	1.1	3.7	11.6	19.0	48.6	32.3	0.0	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	2.0	8.3	14.8	57.0	28.2	0.0	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.5	11.1	64.7	24.2	0.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.3	7.7	73.3	19.0	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.1	6.7	79.3	13.9	0.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	2.7	4.9	83.8	11.1	0.1	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	2.6	4.5	85.9	9.6	0.0	0.2
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.0	3.8	87.9	8.2	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	2.5	4.3	88.1	7.6	0.1	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	2.5	4.0	87.0	9.0	0.1	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	2.5	4.2	84.1	11.6	0.1	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	3.5	5.3	77.4	17.2	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	4.3	6.0	68.0	25.9	0.1	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	5.5	7.4	63.6	29.0	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	5.2	7.8	60.4	31.7	0.0	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.9	5.4	8.3	54.5	37.2	0.0	0.2
22-23	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.4	1.8	5.9	9.1	50.8	40.1	0.0	0.1
23-24	0.0	0.0	0.0	0.1	0.3	0.3	0.3	0.6	1.7	7.2	10.7	47.5	41.8	0.0	0.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available METARs in June between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.12: Hourly visibility in June.

Visibility in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.3	0.6	0.6	0.6	0.8	1.7	6.2	9.5	46.0	44.5	0.0	47.8
01-02	0.0	0.0	0.0	0.3	0.6	0.8	1.0	1.2	2.5	6.7	10.2	48.4	41.4	0.0	0.2
02-03	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.4	3.7	8.7	13.7	48.6	37.7	0.0	0.1
03-04	0.0	0.1	0.1	1.0	1.7	2.2	2.9	3.9	7.1	13.8	19.7	48.7	31.5	0.1	0.1
04-05	0.0	0.1	0.1	0.7	1.7	2.2	2.9	4.2	7.9	14.5	20.3	45.8	33.8	0.0	0.2
05-06	0.0	0.0	0.0	0.5	1.0	1.1	1.6	2.8	6.8	14.2	19.2	43.6	37.2	0.0	0.2
06-07	0.0	0.0	0.0	0.1	0.2	0.4	0.7	1.3	4.0	11.9	16.8	46.3	36.9	0.0	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	2.0	8.5	13.6	52.5	33.8	0.1	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.3	9.5	61.5	29.0	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.6	6.2	71.0	22.8	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	3.3	4.9	79.1	15.9	0.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.4	5.0	83.6	11.3	0.0	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	2.9	4.5	85.8	9.6	0.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.3	3.5	87.7	8.7	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	2.7	4.1	84.7	10.9	0.2	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	2.6	4.5	82.8	12.4	0.2	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	2.8	3.8	80.7	15.4	0.1	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	3.0	4.6	74.1	21.3	0.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	4.0	5.9	63.4	30.6	0.1	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	3.9	5.9	57.5	36.6	0.0	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	3.8	6.1	53.3	40.6	0.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.8	6.6	49.2	44.2	0.0	0.2
22-23	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.7	4.3	6.5	49.1	44.3	0.0	0.3
23-24	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.4	5.3	8.6	45.9	45.4	0.0	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1% of all available METARs in July between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.13: Hourly visibility in July.

Visibility in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.8	0.9	1.0	1.2	2.0	3.9	11.6	16.9	44.3	38.7	0.1	48.1
01-02	0.0	0.0	0.2	0.6	1.0	1.3	1.6	2.9	4.7	13.9	19.7	44.6	35.6	0.0	0.2
02-03	0.0	0.1	0.2	0.8	1.3	1.5	2.0	3.0	6.9	17.2	23.1	47.0	29.9	0.0	0.1
03-04	0.0	0.0	0.2	1.2	1.9	2.2	3.1	4.9	9.8	21.0	28.1	48.0	23.8	0.1	0.2
04-05	0.0	0.0	0.1	1.7	2.5	3.3	4.3	7.1	13.2	25.8	32.8	45.5	21.7	0.0	0.1
05-06	0.0	0.0	0.2	1.6	2.7	3.0	4.0	6.6	12.0	24.9	32.3	41.3	26.4	0.0	0.1
06-07	0.0	0.0	0.1	0.4	1.1	1.6	2.3	3.7	8.3	20.5	28.9	41.9	29.2	0.0	0.1
07-08	0.0	0.0	0.0	0.1	0.1	0.1	0.2	1.6	5.2	16.9	25.2	44.8	29.9	0.0	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.6	10.8	19.2	52.3	28.6	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.4	7.5	13.2	61.3	25.6	0.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.7	9.2	70.8	20.0	0.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.2	6.9	77.8	15.2	0.1	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.5	7.0	80.7	12.2	0.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.3	5.6	82.7	11.8	0.0	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	2.6	4.8	82.0	13.2	0.0	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.7	5.8	80.0	14.1	0.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	3.4	6.5	74.3	19.3	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	3.6	5.5	67.2	27.2	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.3	3.5	6.6	59.4	34.0	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	4.1	7.1	54.3	38.6	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4.4	7.4	51.3	41.2	0.0	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	5.7	9.0	48.8	42.1	0.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.9	7.0	11.7	46.3	41.9	0.0	0.3
23-24	0.0	0.0	0.0	0.0	0.1	0.2	0.7	1.0	2.7	8.5	14.3	46.0	39.7	0.0	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.2% of all available METARs in August between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.14: Hourly visibility in August.

Visibility in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.4	2.1	3.0	3.6	4.6	6.4	12.1	24.9	34.1	42.4	23.5	0.0	47.9
01-02	0.0	0.1	0.6	2.8	4.6	5.6	6.7	9.2	15.2	28.0	38.0	41.7	20.4	0.0	0.3
02-03	0.0	0.1	0.6	4.4	6.9	7.7	9.0	12.1	19.1	32.6	42.2	42.4	15.3	0.1	0.0
03-04	0.0	0.0	0.9	5.4	8.4	10.1	12.5	15.6	22.5	37.2	47.3	40.7	12.0	0.0	0.1
04-05	0.0	0.0	0.6	6.2	9.6	11.1	13.8	17.9	26.7	43.2	52.6	37.7	9.8	0.0	0.1
05-06	0.1	0.1	0.9	8.1	10.5	11.9	14.4	19.5	29.8	46.5	54.7	34.6	10.6	0.1	0.1
06-07	0.0	0.0	0.4	7.1	9.1	9.8	11.7	15.9	26.0	42.4	51.6	34.8	13.6	0.0	0.2
07-08	0.0	0.0	0.2	3.4	5.6	6.7	7.9	12.0	20.3	36.5	46.6	39.1	14.3	0.0	0.2
08-09	0.0	0.0	0.0	0.6	1.2	2.2	3.4	6.5	12.9	28.8	38.0	46.8	15.3	0.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.4	6.2	19.4	28.0	54.1	17.8	0.0	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.1	13.2	21.4	62.2	16.4	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.0	8.1	15.1	68.6	16.3	0.1	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	6.3	10.9	71.8	17.3	0.1	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	5.4	9.2	71.3	19.5	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.3	8.3	69.6	22.1	0.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	4.3	7.8	67.4	24.7	0.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5	5.8	9.0	61.8	29.2	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	6.9	10.8	54.3	34.8	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	7.7	13.0	48.5	38.5	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.9	8.0	13.2	47.8	38.9	0.1	0.7
20-21	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.7	2.5	10.0	17.5	46.6	35.9	0.1	0.2
21-22	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.7	3.8	13.2	20.2	43.9	35.9	0.0	0.1
22-23	0.0	0.0	0.0	0.5	1.1	1.4	1.7	3.3	6.0	16.2	24.7	43.3	32.1	0.0	0.2
23-24	0.0	0.0	0.2	1.1	2.1	2.6	3.2	4.6	9.5	20.4	29.4	43.4	27.2	0.0	0.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 5.4% of all available METARs in September between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.15: Hourly visibility in September.

Visibility in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.3	0.7	1.4	8.4	12.2	14.2	15.9	21.0	32.2	49.0	56.2	32.6	11.1	0.1	48.3
01-02	0.2	0.5	1.8	9.2	12.8	14.9	17.2	22.9	34.3	52.0	59.4	31.2	9.3	0.1	0.2
02-03	0.2	0.9	2.3	9.2	13.7	15.5	18.2	25.1	37.5	53.5	61.0	30.5	8.5	0.0	0.2
03-04	0.1	0.4	2.7	10.2	14.2	16.3	19.1	24.9	38.7	54.9	63.0	29.5	7.5	0.0	0.2
04-05	0.1	0.3	1.9	9.6	14.5	16.0	18.6	24.4	39.0	55.7	63.9	29.9	6.2	0.0	0.2
05-06	0.1	0.1	1.6	10.7	14.8	16.4	19.8	27.0	41.5	57.8	65.4	28.5	5.9	0.2	0.3
06-07	0.2	0.4	1.6	11.4	15.5	16.6	20.3	28.4	42.3	58.6	65.1	29.6	5.3	0.0	0.2
07-08	0.1	0.1	1.1	10.1	12.9	14.0	16.9	24.6	38.6	56.3	63.1	30.3	6.6	0.0	0.2
08-09	0.0	0.0	0.1	4.8	8.0	8.6	11.4	18.8	32.0	50.6	59.2	32.9	7.9	0.0	0.1
09-10	0.0	0.0	0.0	1.0	2.5	3.3	5.1	10.6	24.9	42.4	52.8	37.4	9.8	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.3	0.7	1.8	4.6	15.3	33.2	43.8	43.5	12.7	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.1	9.9	25.2	36.1	49.2	14.7	0.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	5.2	19.9	29.2	52.6	18.2	0.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.7	16.2	25.0	53.2	21.8	0.1	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.3	14.4	21.1	53.9	25.0	0.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	3.7	13.8	21.7	49.3	29.1	0.0	0.2
16-17	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.9	5.7	16.3	23.8	44.0	32.2	0.1	0.2
17-18	0.0	0.0	0.0	0.1	0.1	0.2	0.3	1.7	6.6	18.8	26.7	41.4	31.8	0.1	0.1
18-19	0.0	0.0	0.0	0.2	0.2	0.2	0.4	2.5	8.1	21.2	30.3	41.1	28.6	0.0	0.2
19-20	0.0	0.0	0.0	0.5	0.8	1.0	1.2	3.5	10.0	24.8	35.7	40.9	23.4	0.0	0.7
20-21	0.0	0.1	0.3	1.4	1.6	1.9	2.6	5.5	13.4	31.7	41.1	39.6	19.2	0.1	0.4
21-22	0.0	0.3	0.7	2.2	3.7	4.3	5.3	8.9	18.0	35.7	45.1	38.7	16.2	0.0	0.2
22-23	0.1	0.4	0.9	4.0	6.2	7.2	8.6	13.5	23.4	40.7	50.3	36.4	13.3	0.0	0.3
23-24	0.2	0.9	1.7	6.3	8.7	9.9	11.4	17.3	27.5	46.5	54.9	33.8	11.1	0.1	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 10.2% of all available METARs in October between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.16: Hourly visibility in October.

Visibility in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.1	0.1	0.8	5.2	10.2	11.8	14.3	20.3	33.8	49.9	59.5	32.3	8.2	0.0	47.5
01-02	0.1	0.2	0.6	5.9	10.5	11.9	15.0	20.5	34.3	51.8	60.8	31.2	8.0	0.0	0.2
02-03	0.1	0.2	0.7	6.7	10.7	12.1	14.6	21.2	35.9	54.1	62.2	30.3	7.6	0.0	0.3
03-04	0.1	0.1	0.8	6.6	10.7	12.1	14.9	22.3	35.9	54.2	62.6	31.0	6.4	0.0	0.2
04-05	0.0	0.2	0.9	6.2	10.3	12.1	15.0	22.8	36.7	55.0	63.8	30.3	5.9	0.0	0.1
05-06	0.0	0.2	0.8	5.6	9.6	11.4	14.0	22.5	36.8	55.7	65.3	29.5	5.1	0.1	0.2
06-07	0.0	0.3	0.7	6.8	9.7	11.2	14.1	24.0	39.1	58.9	67.4	28.9	3.7	0.1	0.3
07-08	0.0	0.2	0.6	6.6	9.3	10.4	13.5	23.4	38.4	58.3	66.5	29.2	4.3	0.0	0.1
08-09	0.0	0.1	0.4	5.0	8.1	9.1	11.7	21.8	36.6	55.6	64.3	30.7	5.1	0.0	0.1
09-10	0.0	0.1	0.2	2.4	4.8	5.9	8.5	15.5	30.2	50.5	59.9	34.8	5.2	0.1	0.2
10-11	0.0	0.0	0.1	0.7	1.9	2.8	4.8	10.9	23.9	44.6	53.3	40.4	6.3	0.0	0.2
11-12	0.0	0.0	0.0	0.2	0.9	1.4	2.8	6.9	18.0	36.1	46.8	45.2	8.0	0.0	0.2
12-13	0.0	0.0	0.0	0.0	0.4	0.7	1.4	4.7	13.6	31.4	40.7	49.4	9.9	0.0	0.3
13-14	0.0	0.0	0.0	0.1	0.2	0.6	1.1	3.9	10.3	28.2	37.8	49.4	12.8	0.0	0.7
14-15	0.0	0.0	0.1	0.4	0.7	0.9	1.5	3.8	10.0	27.0	35.6	48.9	15.5	0.0	0.4
15-16	0.0	0.0	0.1	1.0	1.2	1.4	2.2	5.3	12.8	29.4	38.0	44.3	17.7	0.0	0.4
16-17	0.0	0.0	0.2	1.2	1.7	2.0	2.5	5.1	13.8	32.1	41.3	41.4	17.3	0.0	0.3
17-18	0.0	0.0	0.2	1.5	2.0	2.3	3.0	5.1	13.6	32.6	42.7	39.2	18.0	0.1	0.5
18-19	0.0	0.0	0.1	1.8	2.6	3.3	4.3	6.6	15.7	34.8	44.5	38.5	17.0	0.0	0.4
19-20	0.0	0.0	0.1	1.8	3.5	4.3	5.4	8.2	17.6	37.9	47.6	38.1	14.3	0.0	1.5
20-21	0.0	0.0	0.4	3.0	4.3	5.5	7.1	10.3	20.8	41.0	50.1	36.9	12.9	0.1	0.4
21-22	0.1	0.1	0.3	4.1	6.4	7.4	8.8	13.1	24.0	43.2	52.0	36.8	11.1	0.0	0.3
22-23	0.1	0.1	0.7	4.2	7.3	8.0	9.7	14.6	26.5	45.8	55.0	35.9	9.2	0.0	0.2
23-24	0.0	0.0	0.6	5.2	8.3	9.4	12.3	17.5	30.7	48.0	57.3	34.1	8.6	0.0	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.6% of all available METARs in November between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.17: Hourly visibility in November.

Visibility in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Prevailing Visibility [m]														
	< 50	< 100	< 150	< 350	< 600	< 800	< 1500	< 3000	< 5000	< 8000	< 10000	≥ 10000	CAVOK	NS [%]	NA [%]
00-01	0.1	0.2	0.7	3.8	7.1	8.8	11.7	17.7	31.7	49.5	59.3	33.3	7.4	0.0	47.6
01-02	0.0	0.3	0.5	3.9	7.1	8.7	11.4	17.5	31.9	50.2	59.1	32.7	8.1	0.0	0.2
02-03	0.0	0.1	0.5	3.2	6.6	8.0	10.6	18.1	32.3	51.0	59.9	32.9	7.2	0.0	0.1
03-04	0.0	0.1	0.4	2.7	6.5	7.9	10.7	18.5	34.4	51.2	59.8	33.7	6.5	0.0	0.0
04-05	0.0	0.1	0.4	3.1	6.4	7.9	11.2	18.7	33.6	51.0	59.9	34.1	6.0	0.0	0.1
05-06	0.0	0.1	0.3	2.1	6.2	7.7	11.4	18.5	33.5	52.4	61.0	33.4	5.6	0.0	0.1
06-07	0.0	0.0	0.2	2.2	5.6	7.5	11.3	18.9	34.3	53.1	61.9	33.2	4.9	0.0	0.2
07-08	0.0	0.0	0.2	2.8	5.2	7.4	11.0	21.3	35.6	53.2	61.2	33.6	5.2	0.0	0.3
08-09	0.0	0.0	0.1	3.4	6.2	7.7	10.8	19.9	33.9	51.1	59.4	35.3	5.3	0.1	0.1
09-10	0.0	0.0	0.0	2.5	4.4	5.7	8.5	17.8	32.0	48.9	56.9	37.6	5.4	0.1	0.2
10-11	0.0	0.0	0.0	1.1	2.7	3.5	6.3	14.8	28.8	44.5	52.7	40.9	6.3	0.1	0.1
11-12	0.0	0.0	0.0	1.1	2.3	2.7	4.1	10.8	24.1	40.8	48.9	44.1	7.1	0.0	0.2
12-13	0.0	0.0	0.1	0.5	1.7	2.0	3.5	9.2	20.9	37.0	46.1	45.2	8.6	0.1	0.1
13-14	0.0	0.0	0.1	0.7	1.3	1.6	3.3	8.1	18.2	34.1	43.4	45.2	11.4	0.0	0.1
14-15	0.0	0.0	0.1	1.1	1.4	1.7	3.5	9.1	17.6	34.4	43.6	45.0	11.4	0.0	0.1
15-16	0.0	0.0	0.1	1.4	2.0	2.4	4.1	10.4	20.9	38.1	45.6	43.1	11.3	0.1	0.2
16-17	0.0	0.0	0.1	1.3	2.0	2.3	3.5	9.1	21.3	39.3	47.5	40.8	11.5	0.2	0.1
17-18	0.0	0.0	0.2	1.4	2.2	2.5	3.4	9.8	20.3	39.2	47.8	40.7	11.5	0.0	0.2
18-19	0.0	0.0	0.2	1.4	2.5	2.8	4.8	10.2	23.0	41.2	50.8	38.2	10.9	0.1	0.1
19-20	0.0	0.0	0.2	1.7	3.4	4.0	6.0	11.1	23.6	43.0	51.9	37.6	10.4	0.1	0.5
20-21	0.0	0.0	0.0	2.0	3.6	4.5	6.8	12.1	24.5	44.4	53.2	37.1	9.7	0.0	0.0
21-22	0.0	0.1	0.2	2.2	4.4	5.6	8.1	14.1	26.4	45.7	54.1	37.2	8.7	0.0	0.1
22-23	0.0	0.1	0.3	2.0	5.2	6.3	9.4	15.5	27.6	47.2	54.6	36.9	8.5	0.0	0.1
23-24	0.1	0.1	0.2	2.7	6.2	7.7	9.8	16.6	30.0	48.8	56.7	34.6	8.6	0.1	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.7% of all available METARs in December between 03-04 UTC showed a visibility < 350 m.

Figure 3.1.18: Hourly visibility in December.

3.2 Runway Visual Range (RVR) RWY 16

In the following tables the cumulative frequencies in percent of RVR relative to runway 16 below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). RVR is only reported if the visibility is $<$ 1500 m. The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.2.1 Hourly RVR RWY 16 27 years

Runway Visual Range RWY 16 during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	2.0	3.5	4.3	4.8	5.3	92.9	47.9
01-02	0.0	0.0	0.0	0.8	2.1	3.6	4.6	5.3	5.7	92.2	0.3
02-03	0.0	0.0	0.0	0.7	2.2	4.0	5.1	5.7	6.2	91.3	0.3
03-04	0.0	0.0	0.0	0.8	2.4	4.7	5.8	6.4	6.9	90.1	0.2
04-05	0.0	0.0	0.0	0.7	2.5	4.8	6.1	6.7	7.3	89.6	0.3
05-06	0.0	0.0	0.0	0.8	2.4	4.5	5.6	6.3	6.8	90.0	0.3
06-07	0.0	0.0	0.0	0.8	2.5	4.0	4.8	5.2	5.8	91.5	0.3
07-08	0.0	0.0	0.1	0.8	2.1	3.4	4.0	4.4	4.9	92.8	0.3
08-09	0.0	0.0	0.0	0.6	1.5	2.5	3.0	3.4	3.8	94.4	0.3
09-10	0.0	0.0	0.0	0.3	0.8	1.4	1.8	2.1	2.5	96.1	0.3
10-11	0.0	0.0	0.0	0.2	0.4	0.6	0.8	1.0	1.4	97.7	0.3
11-12	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.8	98.4	0.3
12-13	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.5	98.9	0.3
13-14	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	99.1	0.3
14-15	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	99.2	0.3
15-16	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.5	98.9	0.3
16-17	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.5	0.6	98.9	0.3
17-18	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.6	0.7	98.8	0.3
18-19	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.8	1.0	98.5	0.3
19-20	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.2	1.4	98.0	1.0
20-21	0.0	0.0	0.0	0.2	0.6	1.1	1.4	1.7	1.9	97.1	0.3
21-22	0.0	0.0	0.0	0.3	0.8	1.7	2.0	2.3	2.6	96.2	0.3
22-23	0.0	0.0	0.0	0.4	1.0	1.9	2.5	2.9	3.2	95.3	0.4
23-24	0.0	0.0	0.0	0.6	1.6	2.8	3.3	3.7	4.0	94.2	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.1: Hourly RVR RWY 16 27 years.

3.2.2 Monthly RVR RWY 16 27 years

Runway Visual Range RWY 16 during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
January	0.0	0.0	0.0	0.8	1.8	2.8	3.5	3.9	4.4	93.3	2.6
February	0.0	0.0	0.1	0.6	1.2	1.8	2.1	2.4	2.8	95.3	2.8
March	0.0	0.0	0.0	0.4	0.8	1.2	1.4	1.5	1.7	97.2	2.2
April	0.0	0.0	0.0	0.1	0.3	0.6	0.6	0.7	0.8	98.8	2.4
May	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.7	0.8	98.8	2.2
June	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.4	0.4	99.3	2.2
July	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	99.3	2.2
August	0.0	0.0	0.0	0.1	0.2	0.5	0.6	0.7	0.8	98.7	2.2
September	0.0	0.0	0.0	0.5	1.4	2.5	3.1	3.4	3.7	94.5	2.2
October	0.0	0.0	0.0	1.0	3.0	5.1	6.2	7.0	7.6	89.9	2.3
November	0.0	0.0	0.0	0.6	2.4	4.8	6.0	6.7	7.3	90.0	2.4
December	0.0	0.0	0.0	0.3	1.4	3.3	4.5	5.2	5.9	90.7	2.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations in April showed a runway visual range < 1200 m.

Figure 3.2.2: Monthly RVR RWY 16 27 years.

3.2.3 Hourly RVR RWY 16 per Season

Runway Visual Range RWY 16 in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.0	2.6	4.6	5.7	6.4	7.2	90.2	47.8
01-02	0.0	0.0	0.1	0.7	2.2	4.1	5.4	6.6	7.0	90.0	0.5
02-03	0.0	0.0	0.0	0.7	2.2	4.1	5.4	6.1	6.7	90.2	0.5
03-04	0.0	0.0	0.1	0.9	2.4	4.7	5.9	6.6	7.3	89.8	0.4
04-05	0.0	0.0	0.0	1.0	2.6	5.1	6.6	7.3	8.0	89.1	0.6
05-06	0.0	0.0	0.0	0.5	2.2	4.3	5.6	6.4	7.0	89.1	0.6
06-07	0.0	0.0	0.0	0.6	2.0	3.9	5.0	5.6	6.4	88.9	0.7
07-08	0.0	0.0	0.1	1.1	2.5	4.4	5.4	6.1	7.0	88.3	0.7
08-09	0.0	0.0	0.0	1.4	2.9	4.5	5.5	6.2	7.0	88.9	0.6
09-10	0.0	0.0	0.0	1.0	2.1	3.3	4.2	4.9	5.8	91.0	0.5
10-11	0.0	0.0	0.0	0.6	1.2	1.9	2.4	2.9	3.7	93.7	0.5
11-12	0.0	0.0	0.0	0.3	0.7	1.2	1.5	1.9	2.5	95.3	0.7
12-13	0.0	0.0	0.0	0.2	0.4	0.7	0.8	1.1	1.5	96.6	0.5
13-14	0.0	0.0	0.0	0.2	0.4	0.5	0.7	1.0	1.4	97.3	0.6
14-15	0.0	0.0	0.0	0.3	0.6	0.8	0.8	0.9	1.2	97.5	0.6
15-16	0.0	0.0	0.0	0.4	0.7	0.8	0.9	1.0	1.2	96.8	0.5
16-17	0.0	0.0	0.0	0.2	0.6	1.0	1.2	1.4	1.5	96.9	0.5
17-18	0.0	0.0	0.0	0.2	0.7	1.2	1.4	1.5	1.7	96.9	0.5
18-19	0.0	0.0	0.0	0.2	0.6	1.3	1.6	1.9	2.0	96.4	0.6
19-20	0.0	0.0	0.0	0.2	0.8	1.6	2.1	2.4	2.9	95.7	1.0
20-21	0.0	0.0	0.0	0.3	0.9	2.1	2.7	3.1	3.5	94.6	0.5
21-22	0.0	0.0	0.1	0.5	1.3	2.9	3.5	4.1	4.5	93.5	0.5
22-23	0.0	0.0	0.0	0.5	1.3	2.6	3.8	4.3	4.8	92.7	0.5
23-24	0.0	0.0	0.1	0.8	2.0	3.7	4.6	5.2	5.8	91.9	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in Winter (DJF) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.3: RVR RWY 16 in Winter.

Runway Visual Range RWY 16 in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.3	0.9	1.2	1.5	1.6	1.7	97.6	48.0
01-02	0.0	0.0	0.1	0.4	1.0	1.5	1.8	2.0	2.2	97.0	0.2
02-03	0.0	0.0	0.0	0.4	1.3	2.1	2.5	2.8	2.9	95.7	0.2
03-04	0.0	0.0	0.0	0.5	1.5	2.6	3.1	3.4	3.8	94.3	0.2
04-05	0.0	0.0	0.0	0.7	1.7	2.8	3.3	3.5	3.8	93.9	0.2
05-06	0.0	0.0	0.1	1.1	2.0	2.7	3.0	3.4	3.7	94.4	0.2
06-07	0.0	0.0	0.1	0.8	1.5	2.1	2.3	2.4	2.8	96.0	0.1
07-08	0.0	0.0	0.1	0.4	0.7	1.1	1.3	1.5	1.7	97.3	0.3
08-09	0.0	0.0	0.0	0.3	0.4	0.6	0.7	0.8	0.9	98.5	0.3
09-10	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.4	0.5	99.1	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.6	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.7	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.3
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.7	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	99.7	0.2
21-22	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	99.4	0.3
22-23	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	99.0	0.4
23-24	0.0	0.0	0.0	0.2	0.5	0.7	0.8	0.9	1.0	98.5	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in Spring (MAM) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.4: RVR RWY 16 in Spring.

Runway Visual Range RWY 16 in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.2	0.5	0.6	0.7	0.7	98.7	47.9
01-02	0.0	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.3	98.0	0.2
02-03	0.0	0.0	0.0	0.2	0.5	1.0	1.3	1.6	1.8	97.0	0.1
03-04	0.0	0.0	0.0	0.4	0.9	1.6	2.1	2.3	2.6	95.5	0.1
04-05	0.0	0.0	0.0	0.2	1.0	1.9	2.3	2.6	2.9	95.2	0.2
05-06	0.0	0.0	0.0	0.3	0.7	1.3	1.7	2.1	2.3	96.4	0.2
06-07	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.8	0.9	98.4	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	99.6	0.3
23-24	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in Summer (JJA) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.5: RVR RWY 16 in Summer.

Runway Visual Range RWY 16 in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	1.3	4.2	7.7	9.5	10.7	11.5	84.9	47.9
01-02	0.0	0.0	0.0	1.9	5.0	8.4	10.2	11.4	12.4	83.5	0.3
02-03	0.0	0.0	0.0	1.7	4.8	9.0	11.2	12.5	13.4	82.0	0.2
03-04	0.0	0.0	0.0	1.4	5.0	9.9	12.1	13.3	14.1	80.7	0.2
04-05	0.0	0.0	0.0	0.8	4.6	9.6	12.2	13.4	14.6	80.0	0.2
05-06	0.0	0.0	0.0	1.2	4.6	9.8	12.2	13.4	14.2	79.9	0.2
06-07	0.0	0.0	0.0	1.9	6.3	9.5	11.1	12.1	13.0	82.5	0.3
07-08	0.0	0.0	0.0	1.7	5.1	8.1	9.2	10.1	10.8	85.7	0.3
08-09	0.0	0.0	0.0	0.9	2.7	4.8	5.8	6.6	7.3	90.1	0.3
09-10	0.0	0.0	0.0	0.3	1.0	2.0	2.8	3.2	3.9	94.4	0.1
10-11	0.0	0.0	0.0	0.0	0.2	0.6	0.9	1.2	1.7	97.4	0.2
11-12	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	98.6	0.2
12-13	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	99.3	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	99.5	0.3
14-15	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	99.4	0.3
15-16	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.4	0.5	99.2	0.2
16-17	0.0	0.0	0.0	0.1	0.4	0.6	0.7	0.8	0.8	98.9	0.2
17-18	0.0	0.0	0.0	0.1	0.4	0.8	0.9	1.0	1.1	98.6	0.4
18-19	0.0	0.0	0.0	0.1	0.5	1.1	1.4	1.6	1.8	97.6	0.3
19-20	0.0	0.0	0.0	0.2	0.7	1.6	2.0	2.2	2.5	96.3	1.0
20-21	0.0	0.0	0.0	0.4	1.2	2.4	3.0	3.5	4.0	94.1	0.4
21-22	0.0	0.0	0.0	0.6	1.9	3.7	4.4	5.0	5.5	92.0	0.3
22-23	0.0	0.0	0.0	0.9	2.4	4.6	5.7	6.7	7.2	89.8	0.3
23-24	0.0	0.0	0.0	1.4	3.7	6.5	7.7	8.5	9.2	87.1	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in Autumn (SON) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.6: RVR RWY 16 in Autumn.

3.2.4 Hourly RVR RWY 16 per Month

Runway Visual Range RWY 16 in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m] < 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.6	3.6	5.2	5.9	6.5	6.8	90.9	47.6
01-02	0.0	0.0	0.1	1.3	2.6	4.2	5.0	6.4	6.8	90.6	0.7
02-03	0.0	0.0	0.0	0.8	2.4	4.3	5.7	6.3	6.9	90.8	0.6
03-04	0.0	0.0	0.0	0.8	2.5	4.9	6.1	6.5	7.0	90.3	0.5
04-05	0.0	0.0	0.0	1.3	3.1	5.4	6.9	7.3	8.2	89.3	0.5
05-06	0.0	0.0	0.1	0.7	2.4	4.3	5.3	6.2	6.8	89.3	0.5
06-07	0.0	0.0	0.1	0.5	2.0	3.6	4.8	5.4	6.3	89.6	0.7
07-08	0.0	0.0	0.1	1.2	2.2	4.0	4.7	5.7	6.6	88.4	0.9
08-09	0.0	0.0	0.0	1.5	2.9	4.4	5.1	5.6	6.8	89.3	0.5
09-10	0.0	0.0	0.0	1.4	2.6	3.8	4.4	5.0	5.9	90.9	0.4
10-11	0.0	0.0	0.0	1.2	1.7	2.3	2.7	3.0	4.3	93.3	0.6
11-12	0.0	0.0	0.0	0.6	1.1	1.6	1.9	2.3	3.1	94.3	0.7
12-13	0.0	0.0	0.0	0.4	0.4	0.8	0.8	0.9	1.5	96.8	0.4
13-14	0.0	0.0	0.0	0.4	0.5	0.6	0.8	1.0	1.1	98.0	0.5
14-15	0.0	0.0	0.0	0.4	0.6	0.7	0.9	0.9	1.0	97.9	0.5
15-16	0.0	0.0	0.1	0.6	0.8	0.8	0.8	1.0	1.1	97.3	0.5
16-17	0.0	0.0	0.0	0.7	1.0	1.2	1.3	1.7	1.8	97.0	0.6
17-18	0.0	0.0	0.0	0.5	1.3	1.5	1.7	1.9	2.0	97.4	0.6
18-19	0.0	0.0	0.0	0.5	1.0	1.4	1.8	2.1	2.2	96.7	1.0
19-20	0.0	0.0	0.0	0.6	1.1	1.9	2.1	2.4	2.9	96.1	1.1
20-21	0.0	0.0	0.0	0.6	1.4	2.4	3.1	3.3	3.7	94.9	0.8
21-22	0.0	0.0	0.1	0.9	1.9	3.4	3.8	4.3	4.6	94.2	0.5
22-23	0.0	0.0	0.0	0.7	2.1	2.7	3.7	3.9	4.4	93.3	0.5
23-24	0.0	0.0	0.0	1.1	2.6	3.9	4.6	5.3	5.9	91.9	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in January between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.7: RVR RWY 16 in January.

Runway Visual Range RWY 16 in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.6	1.1	2.0	3.2	3.5	4.2	93.7	48.1
01-02	0.0	0.0	0.1	0.5	1.5	2.6	3.2	3.6	3.7	93.2	0.7
02-03	0.0	0.0	0.1	0.9	1.8	3.0	4.0	4.2	4.5	92.9	0.7
03-04	0.0	0.0	0.2	1.4	3.0	4.4	4.9	5.3	5.5	92.1	0.7
04-05	0.0	0.0	0.0	1.5	3.2	4.8	5.4	6.0	6.4	91.5	0.9
05-06	0.0	0.0	0.1	0.9	2.8	4.3	5.0	5.6	6.0	91.1	0.9
06-07	0.0	0.0	0.1	1.1	2.8	4.1	4.8	5.3	5.8	90.0	0.9
07-08	0.0	0.0	0.3	1.9	3.4	4.8	5.4	5.5	6.0	89.8	0.9
08-09	0.0	0.0	0.1	1.9	3.2	4.1	4.6	5.4	6.0	90.7	1.1
09-10	0.0	0.0	0.1	1.0	2.0	2.6	3.4	4.0	5.2	92.3	0.9
10-11	0.0	0.0	0.0	0.1	0.7	1.2	1.6	2.2	3.0	95.3	0.7
11-12	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	1.5	96.8	1.0
12-13	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.7	97.4	0.9
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.9	98.1	0.9
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.7	98.5	1.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	98.4	0.8
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	98.8	0.7
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	98.9	0.8
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.2	0.7
19-20	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.4	99.0	1.4
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	98.7	0.8
21-22	0.0	0.0	0.1	0.3	0.5	0.9	1.3	1.5	1.5	97.9	0.6
22-23	0.0	0.0	0.1	0.4	0.7	1.0	1.6	1.8	1.8	97.0	0.8
23-24	0.0	0.0	0.1	0.9	1.4	2.2	2.6	2.9	3.1	95.9	1.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in February between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.8: RVR RWY 16 in February.

Runway Visual Range RWY 16 in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.3	1.5	1.6	1.8	1.9	1.9	97.2	47.5
01-02	0.0	0.0	0.1	0.7	1.7	2.2	2.3	2.3	2.4	96.4	0.1
02-03	0.0	0.0	0.1	0.9	1.9	2.7	3.3	3.6	3.7	94.7	0.1
03-04	0.0	0.0	0.1	0.8	2.3	3.6	4.2	4.7	5.0	93.1	0.0
04-05	0.0	0.0	0.1	1.0	2.3	3.8	4.6	4.8	5.1	92.3	0.2
05-06	0.0	0.0	0.1	1.3	2.5	3.4	4.0	4.7	5.2	91.1	0.2
06-07	0.0	0.0	0.3	1.8	3.0	3.6	4.0	4.2	5.1	92.4	0.0
07-08	0.0	0.0	0.2	1.3	1.9	2.5	2.8	3.2	3.7	94.0	0.3
08-09	0.0	0.0	0.1	0.8	1.1	1.6	1.9	2.0	2.4	96.5	0.5
09-10	0.0	0.0	0.0	0.2	0.3	0.7	1.0	1.1	1.3	97.8	0.2
10-11	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	99.3	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.5	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	99.5	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.3	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.3	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	99.3	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.3	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.5	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.6	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.7	1.0
20-21	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	99.2	0.2
21-22	0.0	0.0	0.0	0.1	0.2	0.5	0.6	0.7	0.8	98.6	0.4
22-23	0.0	0.0	0.0	0.2	0.5	0.7	0.8	0.8	1.0	98.1	0.5
23-24	0.0	0.0	0.0	0.5	1.0	1.2	1.3	1.4	1.5	97.6	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in March between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.9: RVR RWY 16 in March.

Runway Visual Range RWY 16 in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.1	1.3	98.1	48.5
01-02	0.0	0.1	0.1	0.3	0.8	1.2	1.4	1.5	1.7	97.6	0.4
02-03	0.0	0.0	0.0	0.2	0.9	1.4	1.7	2.0	2.1	97.1	0.4
03-04	0.0	0.0	0.0	0.2	0.9	1.8	2.2	2.4	2.6	95.9	0.4
04-05	0.0	0.0	0.0	0.6	1.2	2.3	2.8	2.9	3.2	95.0	0.2
05-06	0.0	0.0	0.3	1.3	2.1	2.8	2.9	3.1	3.2	95.8	0.4
06-07	0.0	0.0	0.0	0.6	1.2	1.7	1.8	1.8	1.9	97.6	0.4
07-08	0.0	0.0	0.0	0.1	0.2	0.7	0.9	0.9	1.0	98.7	0.4
08-09	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	99.3	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.5	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.5
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.3
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.9	0.3
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.5	0.5
23-24	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.5	0.6	99.2	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in April between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.10: RVR RWY 16 in April.

Runway Visual Range RWY 16 in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.3	0.7	1.3	1.7	1.7	1.7	97.7	48.1
01-02	0.0	0.0	0.0	0.3	0.6	1.2	1.9	2.1	2.3	97.1	0.1
02-03	0.0	0.0	0.0	0.2	1.1	2.0	2.5	2.8	2.9	95.2	0.1
03-04	0.0	0.0	0.0	0.5	1.3	2.3	2.9	3.2	3.9	93.9	0.1
04-05	0.0	0.0	0.0	0.4	1.6	2.5	2.6	2.9	3.1	94.4	0.1
05-06	0.0	0.0	0.0	0.8	1.4	2.0	2.2	2.3	2.5	96.3	0.2
06-07	0.0	0.0	0.0	0.1	0.4	1.0	1.2	1.3	1.3	98.1	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	99.3	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.4
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.8	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.4	99.5	0.2
23-24	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.8	0.9	98.9	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in May between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.11: RVR RWY 16 in May.

Runway Visual Range RWY 16 in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.6	98.7	47.7
01-02	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	98.4	0.1
02-03	0.0	0.0	0.0	0.3	0.7	1.1	1.2	1.4	1.5	97.1	0.1
03-04	0.0	0.0	0.0	0.7	1.1	1.9	2.5	2.6	2.7	95.7	0.0
04-05	0.0	0.0	0.0	0.4	0.9	1.8	2.0	2.2	2.3	96.5	0.1
05-06	0.0	0.0	0.0	0.1	0.4	0.8	1.2	1.4	1.5	98.1	0.2
06-07	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	99.3	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.8	0.3
22-23	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4	99.5	0.1
23-24	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.4	0.4	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations in June between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.12: RVR RWY 16 in June.

Runway Visual Range RWY 16 in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.5	0.6	99.2	47.8
01-02	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.0	1.1	98.4	0.2
02-03	0.0	0.0	0.0	0.0	0.2	0.8	1.1	1.4	1.6	97.5	0.1
03-04	0.0	0.0	0.0	0.2	0.7	1.3	1.8	2.0	2.3	96.2	0.1
04-05	0.0	0.0	0.0	0.2	0.7	1.6	2.0	2.3	2.5	96.0	0.2
05-06	0.0	0.0	0.0	0.1	0.5	0.7	1.1	1.4	1.6	97.4	0.3
06-07	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.5	0.5	99.0	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.8	0.4
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.5	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in July between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.13: RVR RWY 16 in July.

Runway Visual Range RWY 16 in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.5	0.6	0.9	1.0	1.0	1.0	98.3	48.1
01-02	0.0	0.0	0.0	0.2	0.7	1.2	1.7	1.9	2.0	97.2	0.2
02-03	0.0	0.0	0.0	0.2	0.7	1.3	1.7	2.0	2.3	96.5	0.1
03-04	0.0	0.0	0.0	0.4	0.8	1.6	1.9	2.3	2.8	94.7	0.3
04-05	0.0	0.0	0.0	0.1	1.3	2.3	2.9	3.1	4.0	93.0	0.1
05-06	0.0	0.0	0.0	0.8	1.3	2.4	2.9	3.5	3.8	94.0	0.2
06-07	0.0	0.0	0.0	0.2	0.5	1.2	1.6	1.7	2.0	96.9	0.3
07-08	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	99.5	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	99.8	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	99.5	0.4
23-24	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.4	99.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in August between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.14: RVR RWY 16 in August.

Runway Visual Range RWY 16 in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.9	2.1	3.6	5.0	5.6	6.0	91.7	48.0
01-02	0.0	0.0	0.0	1.7	3.3	4.6	6.1	6.7	7.4	88.6	0.3
02-03	0.0	0.0	0.0	1.5	4.1	6.4	8.3	9.3	9.9	84.9	0.0
03-04	0.0	0.0	0.0	1.5	4.0	8.6	10.3	11.3	12.1	81.0	0.2
04-05	0.0	0.0	0.0	0.7	4.1	8.7	10.5	11.4	12.6	79.5	0.2
05-06	0.0	0.0	0.0	2.1	5.2	9.9	11.7	12.2	13.0	80.5	0.1
06-07	0.0	0.0	0.0	2.0	5.8	8.2	9.2	10.0	10.5	86.4	0.3
07-08	0.0	0.0	0.0	0.7	2.4	5.1	6.1	6.8	7.2	90.8	0.3
08-09	0.0	0.0	0.0	0.1	0.4	1.1	1.7	2.1	2.4	96.2	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.4	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.7
20-21	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	99.2	0.4
21-22	0.0	0.0	0.0	0.2	0.3	0.6	0.8	1.1	1.2	97.7	0.1
22-23	0.0	0.0	0.0	0.2	0.7	1.4	1.8	2.2	2.5	95.9	0.2
23-24	0.0	0.0	0.1	0.9	1.8	2.5	2.8	3.2	3.5	94.4	0.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.5% of all available observations in September between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.15: RVR RWY 16 in September.

Runway Visual Range RWY 16 in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	2.2	6.1	10.2	11.9	13.9	15.1	79.9	48.3
01-02	0.0	0.0	0.0	2.9	7.1	12.0	14.0	15.4	16.5	79.0	0.2
02-03	0.0	0.0	0.0	2.5	6.6	11.6	14.4	15.9	17.0	78.1	0.2
03-04	0.0	0.0	0.0	1.9	6.9	12.1	14.2	16.0	17.1	78.0	0.2
04-05	0.0	0.0	0.0	1.0	5.6	11.7	14.8	16.6	18.1	78.0	0.2
05-06	0.0	0.0	0.0	1.0	5.9	12.4	14.9	16.7	17.6	76.4	0.4
06-07	0.0	0.0	0.0	2.5	8.9	12.9	14.9	16.2	17.1	78.3	0.2
07-08	0.0	0.0	0.0	2.7	8.0	11.5	12.8	13.7	14.3	82.0	0.3
08-09	0.0	0.0	0.0	1.2	4.0	6.4	7.8	8.8	9.8	87.2	0.3
09-10	0.0	0.0	0.0	0.1	0.8	1.8	3.1	3.6	4.6	93.5	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.5	97.9	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.3	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
16-17	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	99.8	0.3
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	99.6	0.3
18-19	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.1	1.5	98.3	0.4
19-20	0.0	0.0	0.1	0.4	0.7	1.4	1.6	1.9	2.5	96.3	0.7
20-21	0.0	0.0	0.1	0.8	1.3	2.2	2.8	3.4	4.3	93.2	0.5
21-22	0.0	0.0	0.1	0.9	2.3	3.8	4.8	5.8	6.4	89.7	0.4
22-23	0.0	0.0	0.1	1.7	3.4	6.0	7.3	8.6	9.3	86.2	0.3
23-24	0.0	0.0	0.1	2.4	5.6	9.0	10.8	12.0	12.9	82.1	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.9% of all available observations in October between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.16: RVR RWY 16 in October.

Runway Visual Range RWY 16 in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.8	4.2	9.3	11.4	12.7	13.3	83.3	47.5
01-02	0.0	0.0	0.0	1.1	4.5	8.4	10.5	11.9	13.1	83.0	0.2
02-03	0.0	0.0	0.1	1.1	3.7	8.9	10.8	12.3	13.2	83.0	0.3
03-04	0.0	0.0	0.1	0.8	4.1	9.0	11.7	12.6	13.2	83.1	0.2
04-05	0.0	0.0	0.1	0.6	4.0	8.4	11.4	12.1	13.0	82.5	0.2
05-06	0.0	0.0	0.0	0.6	2.6	6.9	10.0	11.1	12.0	82.8	0.3
06-07	0.0	0.0	0.1	1.1	4.0	7.4	9.2	10.2	11.4	83.1	0.5
07-08	0.0	0.0	0.0	1.7	4.7	7.5	8.7	9.8	10.8	84.3	0.2
08-09	0.0	0.0	0.1	1.5	3.7	6.8	7.8	8.7	9.6	86.8	0.2
09-10	0.0	0.0	0.0	0.9	2.1	4.2	5.3	5.9	6.8	90.2	0.3
10-11	0.0	0.0	0.0	0.1	0.7	1.5	2.2	2.7	3.6	94.1	0.2
11-12	0.0	0.0	0.0	0.0	0.2	0.5	1.2	1.4	1.9	96.4	0.2
12-13	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.9	97.9	0.4
13-14	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.4	0.6	98.4	0.7
14-15	0.0	0.0	0.0	0.1	0.4	0.6	0.7	0.9	1.1	98.4	0.4
15-16	0.0	0.0	0.0	0.4	0.7	1.2	1.2	1.4	1.5	97.6	0.5
16-17	0.0	0.0	0.0	0.4	1.1	1.7	1.9	2.1	2.2	97.0	0.3
17-18	0.0	0.0	0.0	0.4	1.2	2.2	2.5	2.8	2.9	96.3	0.6
18-19	0.0	0.0	0.0	0.4	1.3	2.9	3.2	3.5	3.9	94.4	0.4
19-20	0.0	0.0	0.0	0.3	1.6	3.6	4.4	4.8	5.1	92.7	1.6
20-21	0.0	0.0	0.0	0.5	2.4	4.8	6.1	7.0	7.5	90.0	0.4
21-22	0.0	0.0	0.0	0.6	3.2	6.5	7.6	8.2	8.9	88.5	0.4
22-23	0.0	0.0	0.0	0.7	3.2	6.5	7.8	9.2	9.5	87.5	0.3
23-24	0.0	0.0	0.0	0.8	3.7	7.7	9.3	10.3	10.9	85.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in November between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.17: RVR RWY 16 in November.

Runway Visual Range RWY 16 in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	2.9	6.3	7.8	9.0	10.3	86.4	47.6
01-02	0.0	0.0	0.0	0.4	2.5	5.4	7.8	9.4	10.1	86.6	0.2
02-03	0.0	0.0	0.0	0.3	2.2	4.7	6.4	7.7	8.6	87.2	0.3
03-04	0.0	0.0	0.0	0.4	1.7	4.9	6.8	7.8	9.1	87.1	0.1
04-05	0.0	0.0	0.0	0.2	1.6	5.0	7.2	8.4	9.2	86.8	0.3
05-06	0.0	0.0	0.0	0.1	1.5	4.4	6.4	7.5	8.1	87.0	0.3
06-07	0.0	0.0	0.0	0.2	1.4	4.0	5.5	6.0	7.1	87.2	0.4
07-08	0.0	0.0	0.0	0.4	1.9	4.3	6.1	7.1	8.2	86.7	0.4
08-09	0.0	0.0	0.0	0.9	2.6	5.0	6.6	7.5	8.2	87.0	0.3
09-10	0.0	0.0	0.0	0.6	1.7	3.5	4.7	5.5	6.1	89.9	0.2
10-11	0.0	0.0	0.1	0.4	1.1	2.1	2.9	3.5	3.9	92.6	0.2
11-12	0.0	0.0	0.0	0.2	1.0	1.6	2.0	2.3	2.9	94.8	0.4
12-13	0.0	0.0	0.0	0.2	0.7	1.1	1.4	1.9	2.4	95.8	0.2
13-14	0.0	0.0	0.0	0.2	0.6	0.9	1.3	1.8	2.2	95.9	0.3
14-15	0.0	0.0	0.0	0.5	1.3	1.5	1.5	1.6	1.9	96.1	0.2
15-16	0.0	0.0	0.0	0.4	1.1	1.6	1.7	2.0	2.2	94.9	0.3
16-17	0.0	0.0	0.0	0.1	0.8	1.7	2.2	2.4	2.5	95.1	0.2
17-18	0.0	0.0	0.0	0.1	0.8	1.9	2.4	2.5	2.9	94.7	0.2
18-19	0.0	0.0	0.0	0.1	0.7	2.3	2.8	3.2	3.7	93.6	0.3
19-20	0.0	0.0	0.0	0.1	1.1	2.6	3.7	4.4	5.0	92.3	0.6
20-21	0.0	0.0	0.0	0.3	1.3	3.6	4.7	5.5	6.0	90.6	0.0
21-22	0.0	0.0	0.0	0.2	1.4	4.1	5.2	6.2	7.1	88.8	0.4
22-23	0.0	0.0	0.0	0.4	1.0	3.8	5.8	7.0	8.0	88.4	0.2
23-24	0.0	0.0	0.1	0.4	1.9	5.0	6.2	7.3	8.1	88.4	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in December between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.2.18: RVR RWY 16 in December.

3.3 RVR RWY 34

In the following tables the cumulative frequencies in percent of RVR relative to runway 34 below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). RVR is only reported if the visibility is $<$ 1500 m. The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.3.1 Hourly RVR RWY 34 27 years

Runway Visual Range RWY 34 during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.7	1.4	1.8	1.9	2.2	95.6	47.9
01-02	0.0	0.0	0.0	0.1	0.5	1.5	1.9	2.1	2.3	95.2	0.3
02-03	0.0	0.0	0.0	0.0	0.6	1.6	2.1	2.4	2.7	94.7	0.3
03-04	0.0	0.0	0.0	0.1	0.5	1.8	2.4	2.8	3.2	94.2	0.2
04-05	0.0	0.0	0.0	0.1	0.6	1.9	2.6	3.0	3.2	93.6	0.3
05-06	0.0	0.0	0.0	0.0	0.6	1.8	2.5	2.9	3.1	93.9	0.3
06-07	0.0	0.0	0.0	0.1	0.8	1.8	2.3	2.6	2.8	95.0	0.3
07-08	0.0	0.0	0.0	0.2	0.9	1.6	2.0	2.3	2.6	95.6	0.3
08-09	0.0	0.0	0.0	0.2	0.7	1.2	1.5	1.8	2.0	96.6	0.3
09-10	0.0	0.0	0.0	0.1	0.3	0.6	0.8	1.1	1.3	97.6	0.3
10-11	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.7	98.6	0.3
11-12	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	99.0	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.3	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.4	0.3
14-15	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	99.5	0.3
15-16	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	99.3	0.3
16-17	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	99.3	0.3
17-18	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	99.3	0.3
18-19	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.4	0.4	99.0	0.3
19-20	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	98.8	1.0
20-21	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.8	98.2	0.3
21-22	0.0	0.0	0.0	0.0	0.2	0.6	0.9	1.0	1.0	97.6	0.3
22-23	0.0	0.0	0.0	0.0	0.2	0.8	1.0	1.2	1.3	97.2	0.4
23-24	0.0	0.0	0.0	0.1	0.4	1.1	1.3	1.6	1.7	96.5	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.1: Hourly RVR RWY 34 27 years.

3.3.2 Monthly RVR RWY 34 27 years

Runway Visual Range RWY 34 during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
January	0.0	0.0	0.0	0.1	0.3	0.9	1.1	1.3	1.5	97.1	2.6
February	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1	1.2	97.1	2.8
March	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.5	0.6	98.4	2.2
April	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.4	2.4
May	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	99.3	2.2
June	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.6	2.2
July	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.5	2.2
August	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.3	2.2
September	0.0	0.0	0.0	0.0	0.3	0.7	0.9	1.1	1.1	96.8	2.2
October	0.0	0.0	0.0	0.1	0.9	2.0	2.6	2.9	3.2	93.9	2.3
November	0.0	0.0	0.0	0.1	0.8	2.4	3.2	3.6	3.9	93.6	2.4
December	0.0	0.0	0.0	0.1	0.7	2.2	3.0	3.6	4.0	93.0	2.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in April showed a runway visual range < 1200 m.

Figure 3.3.2: Monthly RVR RWY 34 27 years.

3.3.3 Hourly RVR RWY 34 per Season

Runway Visual Range RWY 34 in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.4	1.0	2.4	2.9	3.1	3.6	93.4	47.8
01-02	0.0	0.0	0.0	0.1	0.6	2.1	2.7	3.1	3.5	93.7	0.5
02-03	0.0	0.0	0.0	0.1	0.7	2.1	2.7	3.3	3.7	93.8	0.5
03-04	0.0	0.0	0.0	0.1	0.6	2.1	2.8	3.3	3.9	93.9	0.4
04-05	0.0	0.0	0.0	0.1	0.7	2.3	3.1	3.6	3.9	93.7	0.6
05-06	0.0	0.0	0.0	0.1	0.5	2.2	3.0	3.4	3.9	93.6	0.6
06-07	0.0	0.0	0.1	0.2	0.6	2.0	2.9	3.5	3.8	93.3	0.7
07-08	0.0	0.0	0.1	0.4	1.2	2.3	3.0	3.4	4.0	92.7	0.7
08-09	0.0	0.0	0.1	0.5	1.6	2.6	3.2	3.7	4.2	93.1	0.6
09-10	0.0	0.0	0.0	0.4	1.0	1.8	2.2	2.8	3.2	94.5	0.5
10-11	0.0	0.0	0.0	0.1	0.4	1.0	1.3	1.6	2.0	95.9	0.5
11-12	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.1	1.3	97.1	0.7
12-13	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.7	97.9	0.5
13-14	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.4	0.6	98.3	0.6
14-15	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	98.5	0.6
15-16	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.5	98.1	0.5
16-17	0.0	0.0	0.0	0.0	0.3	0.5	0.5	0.6	0.7	98.1	0.5
17-18	0.0	0.0	0.0	0.0	0.2	0.6	0.7	0.8	0.8	98.0	0.5
18-19	0.0	0.0	0.0	0.0	0.2	0.6	0.8	1.0	1.1	97.6	0.6
19-20	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.2	1.3	97.3	1.0
20-21	0.0	0.0	0.0	0.0	0.3	0.8	1.3	1.4	1.6	96.6	0.5
21-22	0.0	0.0	0.0	0.0	0.3	1.1	1.6	2.0	2.2	95.7	0.5
22-23	0.0	0.0	0.0	0.1	0.2	1.3	1.6	2.0	2.2	95.4	0.5
23-24	0.0	0.0	0.0	0.2	0.5	1.6	2.1	2.5	2.8	95.0	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in Winter (DJF) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.3: RVR RWY 34 in Winter.

Runway Visual Range RWY 34 in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.5	98.6	48.0
01-02	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.6	0.8	98.4	0.2
02-03	0.0	0.0	0.0	0.0	0.2	0.5	0.7	0.8	0.9	97.6	0.2
03-04	0.0	0.0	0.0	0.1	0.3	0.8	1.0	1.1	1.3	97.1	0.2
04-05	0.0	0.0	0.0	0.1	0.4	0.6	0.9	1.1	1.2	96.6	0.2
05-06	0.0	0.0	0.0	0.0	0.4	0.7	0.9	1.0	1.1	96.8	0.2
06-07	0.0	0.0	0.0	0.1	0.4	0.5	0.6	0.8	0.9	97.9	0.1
07-08	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	98.6	0.3
08-09	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	99.2	0.3
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	99.4	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.7	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.3
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.2
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	99.7	0.3
22-23	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	99.4	0.4
23-24	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	99.2	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in Spring (MAM) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.4: RVR RWY 34 in Spring.

Runway Visual Range RWY 34 in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.3	47.9
01-02	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	98.9	0.2
02-03	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	98.5	0.1
03-04	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.7	97.5	0.1
04-05	0.0	0.0	0.0	0.0	0.3	0.6	0.7	0.8	0.9	97.1	0.2
05-06	0.0	0.0	0.0	0.0	0.1	0.4	0.6	0.7	0.7	97.7	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	99.2	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.8	0.3
23-24	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.7	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in Summer (JJA) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.5: RVR RWY 34 in Summer.

Runway Visual Range RWY 34 in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.4	1.5	3.0	3.6	4.0	4.4	90.9	47.9
01-02	0.0	0.0	0.0	0.1	1.3	3.3	4.1	4.6	4.9	89.9	0.3
02-03	0.0	0.0	0.0	0.1	1.2	3.6	4.8	5.4	5.9	89.0	0.2
03-04	0.0	0.0	0.0	0.1	1.1	4.2	5.4	6.2	6.8	88.1	0.2
04-05	0.0	0.0	0.0	0.0	1.1	4.3	5.7	6.5	7.0	87.1	0.2
05-06	0.0	0.0	0.0	0.0	1.3	4.0	5.6	6.5	6.8	87.5	0.2
06-07	0.0	0.0	0.0	0.3	2.1	4.6	5.5	6.0	6.3	89.4	0.3
07-08	0.0	0.0	0.0	0.3	2.2	3.8	4.7	5.3	5.7	91.2	0.3
08-09	0.0	0.0	0.0	0.1	0.9	2.1	2.8	3.2	3.6	93.8	0.3
09-10	0.0	0.0	0.0	0.0	0.1	0.6	1.1	1.4	1.7	96.6	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.6	98.6	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	99.2	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.6	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.7	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.7	0.3
15-16	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	99.5	0.2
16-17	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.3	0.3	99.3	0.2
17-18	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.5	0.5	99.1	0.4
18-19	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.6	0.7	98.6	0.3
19-20	0.0	0.0	0.0	0.0	0.1	0.7	0.8	0.9	1.0	97.7	1.0
20-21	0.0	0.0	0.0	0.0	0.3	0.9	1.2	1.3	1.4	96.4	0.4
21-22	0.0	0.0	0.0	0.0	0.4	1.2	1.7	1.8	1.9	95.2	0.3
22-23	0.0	0.0	0.0	0.1	0.5	1.7	2.2	2.5	2.7	94.1	0.3
23-24	0.0	0.0	0.0	0.1	0.9	2.6	3.0	3.4	3.6	92.2	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in Autumn (SON) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.6: RVR RWY 34 in Autumn.

3.3.4 Hourly RVR RWY 34 per Month

Runway Visual Range RWY 34 in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.7	1.3	2.3	2.5	2.6	3.0	95.2	47.6
01-02	0.0	0.0	0.0	0.1	0.7	1.9	2.2	2.3	2.6	95.5	0.7
02-03	0.0	0.0	0.0	0.0	0.6	1.7	2.2	2.3	2.5	95.8	0.6
03-04	0.0	0.0	0.0	0.0	0.4	1.6	2.1	2.3	2.7	95.7	0.5
04-05	0.0	0.0	0.0	0.1	0.2	1.7	2.2	2.6	2.7	95.1	0.5
05-06	0.0	0.0	0.0	0.1	0.4	1.9	2.3	2.5	3.0	94.9	0.5
06-07	0.0	0.0	0.1	0.1	0.4	1.4	2.0	2.5	2.6	95.3	0.7
07-08	0.0	0.0	0.1	0.3	0.8	1.4	1.7	2.3	2.8	94.5	0.9
08-09	0.0	0.0	0.0	0.2	0.8	1.6	2.1	2.8	3.1	95.1	0.5
09-10	0.0	0.0	0.0	0.2	0.8	1.3	1.4	1.9	2.2	95.9	0.4
10-11	0.0	0.0	0.0	0.2	0.5	0.8	0.9	1.0	1.0	97.2	0.6
11-12	0.0	0.0	0.0	0.1	0.1	0.4	0.6	0.7	0.8	97.8	0.7
12-13	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.4	98.7	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.0	0.5
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.3	0.5
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.2	0.5
16-17	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	99.2	0.6
17-18	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.4	0.4	99.1	0.6
18-19	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.4	0.4	98.7	1.0
19-20	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7	98.8	1.1
20-21	0.0	0.0	0.0	0.0	0.2	0.5	0.8	0.8	0.8	98.0	0.8
21-22	0.0	0.0	0.0	0.0	0.1	0.7	1.2	1.5	1.6	97.6	0.5
22-23	0.0	0.0	0.0	0.0	0.1	0.7	0.9	1.1	1.4	97.3	0.5
23-24	0.0	0.0	0.0	0.2	0.5	1.0	1.4	1.7	1.9	96.4	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in January between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.7: RVR RWY 34 in January.

Runway Visual Range RWY 34 in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.4	0.6	1.4	1.5	1.5	1.8	95.5	48.1
01-02	0.0	0.0	0.0	0.2	0.7	1.1	1.4	1.6	1.8	95.5	0.7
02-03	0.0	0.0	0.0	0.1	0.4	0.8	1.1	1.7	1.9	95.7	0.7
03-04	0.0	0.0	0.0	0.3	0.8	1.3	1.7	2.0	2.1	95.7	0.7
04-05	0.0	0.0	0.0	0.1	0.9	1.2	2.0	2.2	2.3	95.6	0.9
05-06	0.0	0.0	0.0	0.2	0.5	1.7	2.3	2.3	2.4	95.2	0.9
06-07	0.0	0.0	0.1	0.3	1.1	1.9	2.5	2.7	3.0	94.4	0.9
07-08	0.0	0.0	0.1	0.7	1.9	2.2	2.8	2.8	3.2	93.9	0.9
08-09	0.0	0.0	0.2	0.9	1.8	2.3	2.7	2.8	3.1	94.2	1.1
09-10	0.0	0.0	0.1	0.6	1.0	1.5	1.9	2.2	2.6	95.5	0.9
10-11	0.0	0.0	0.1	0.1	0.2	0.6	0.7	0.9	1.1	97.0	0.7
11-12	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.5	97.9	1.0
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	98.4	0.9
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	99.0	0.9
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	99.0	1.0
15-16	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	98.7	0.8
16-17	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	98.9	0.7
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.1	0.8
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.2	0.7
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.3	1.4
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	98.9	0.8
21-22	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.6	0.7	98.3	0.6
22-23	0.0	0.0	0.1	0.1	0.1	0.3	0.4	0.7	0.8	98.0	0.8
23-24	0.0	0.0	0.1	0.2	0.2	0.7	0.7	1.0	1.3	97.3	1.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.3% of all available observations in February between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.8: RVR RWY 34 in February.

Runway Visual Range RWY 34 in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.5	0.7	0.7	0.8	0.8	98.2	47.5
01-02	0.0	0.0	0.0	0.0	0.4	0.7	0.8	0.8	1.0	97.7	0.1
02-03	0.0	0.0	0.0	0.1	0.5	0.8	0.9	1.0	1.0	97.2	0.1
03-04	0.0	0.0	0.1	0.2	0.6	1.1	1.4	1.5	1.6	96.7	0.0
04-05	0.0	0.0	0.0	0.2	0.5	0.7	1.1	1.3	1.6	95.9	0.2
05-06	0.0	0.0	0.0	0.0	0.8	0.8	1.0	1.2	1.3	94.9	0.2
06-07	0.0	0.0	0.0	0.2	0.9	1.1	1.1	1.6	1.7	95.9	0.0
07-08	0.0	0.0	0.0	0.4	0.6	0.8	1.0	1.2	1.3	96.7	0.3
08-09	0.0	0.0	0.0	0.1	0.4	0.6	0.8	1.1	1.3	98.0	0.5
09-10	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.4	0.5	98.7	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	99.3	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.5	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	99.5	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.3	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.3	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.4	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.4	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.8	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.5	0.2
21-22	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	99.2	0.4
22-23	0.0	0.0	0.0	0.1	0.4	0.4	0.4	0.5	0.5	99.0	0.5
23-24	0.0	0.0	0.0	0.0	0.4	0.5	0.5	0.7	0.7	98.9	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in March between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.9: RVR RWY 34 in March.

Runway Visual Range RWY 34 in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	98.9	48.5
01-02	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	98.9	0.4
02-03	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.6	0.6	98.6	0.4
03-04	0.0	0.0	0.0	0.0	0.1	0.5	0.6	0.7	0.7	98.0	0.4
04-05	0.0	0.0	0.0	0.0	0.2	0.6	0.6	0.7	0.7	97.3	0.2
05-06	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.7	0.7	97.6	0.4
06-07	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.6	0.6	98.8	0.4
07-08	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	99.4	0.4
08-09	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.7	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.6	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.5
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.3
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.9	0.3
22-23	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.6	0.5
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.6	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in April between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.10: RVR RWY 34 in April.

Runway Visual Range RWY 34 in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.5	0.6	98.7	48.1
01-02	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.7	0.8	98.5	0.1
02-03	0.0	0.0	0.0	0.0	0.2	0.4	0.7	1.0	1.1	97.1	0.1
03-04	0.0	0.0	0.0	0.1	0.3	0.8	1.1	1.2	1.4	96.6	0.1
04-05	0.0	0.0	0.0	0.2	0.5	0.6	1.0	1.3	1.4	96.7	0.1
05-06	0.0	0.0	0.0	0.1	0.3	0.8	1.0	1.2	1.3	97.8	0.2
06-07	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	99.1	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.6	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.6	0.2
23-24	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in May between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.11: RVR RWY 34 in May.

Runway Visual Range RWY 34 in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.2	47.7
01-02	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	98.9	0.1
02-03	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	98.5	0.1
03-04	0.0	0.0	0.0	0.1	0.1	0.4	0.6	0.7	0.7	97.6	0.0
04-05	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.8	98.1	0.1
05-06	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	98.9	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.7	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	99.7	0.1
23-24	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	99.6	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in June between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.12: RVR RWY 34 in June.

Runway Visual Range RWY 34 in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	99.5	47.8
01-02	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	99.0	0.2
02-03	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	98.6	0.1
03-04	0.0	0.0	0.0	0.0	0.1	0.3	0.7	0.8	1.0	97.6	0.1
04-05	0.0	0.0	0.0	0.0	0.2	0.7	0.8	0.9	1.1	97.5	0.2
05-06	0.0	0.0	0.0	0.0	0.1	0.4	0.7	0.7	0.7	98.1	0.3
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.3	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in July between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.13: RVR RWY 34 in July.

Runway Visual Range RWY 34 in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	99.1	48.1
01-02	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	98.6	0.2
02-03	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	98.3	0.1
03-04	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.5	97.3	0.3
04-05	0.0	0.0	0.0	0.0	0.4	0.7	0.8	0.8	0.9	95.6	0.1
05-06	0.0	0.0	0.0	0.0	0.1	0.7	0.9	1.0	1.1	96.2	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	98.4	0.3
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.8	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.4
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.6	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in August between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.14: RVR RWY 34 in August.

Runway Visual Range RWY 34 in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.4	0.4	0.5	0.5	0.5	95.6	48.0
01-02	0.0	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	93.9	0.3
02-03	0.0	0.0	0.0	0.0	0.4	1.4	1.5	2.0	2.4	91.7	0.0
03-04	0.0	0.0	0.0	0.1	1.0	2.7	3.1	3.5	3.6	89.0	0.2
04-05	0.0	0.0	0.0	0.0	0.8	2.7	3.7	4.1	4.3	86.8	0.2
05-06	0.0	0.0	0.0	0.0	1.2	3.6	4.4	4.9	4.9	87.6	0.1
06-07	0.0	0.0	0.0	0.1	1.2	3.3	4.1	4.6	5.0	91.4	0.3
07-08	0.0	0.0	0.0	0.1	0.7	1.7	2.5	2.8	3.3	94.2	0.3
08-09	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.7	0.8	97.5	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.6	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.7	0.4
21-22	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.1	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.4	98.4	0.2
23-24	0.0	0.0	0.0	0.0	0.2	0.6	0.6	0.6	0.6	97.5	0.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in September between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.15: RVR RWY 34 in September.

Runway Visual Range RWY 34 in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	1.5	3.8	4.3	4.8	5.2	88.2	48.3
01-02	0.0	0.0	0.0	0.4	1.8	4.1	5.3	6.0	6.4	87.4	0.2
02-03	0.0	0.0	0.0	0.1	1.6	4.5	5.9	6.6	7.5	86.7	0.2
03-04	0.0	0.0	0.0	0.0	1.1	4.9	6.7	7.9	8.6	86.4	0.2
04-05	0.0	0.0	0.0	0.0	1.1	5.6	7.0	8.0	8.6	86.1	0.2
05-06	0.0	0.0	0.0	0.1	1.8	5.3	7.1	8.0	8.2	85.9	0.4
06-07	0.0	0.0	0.0	0.5	3.8	6.6	7.5	7.9	8.0	87.6	0.2
07-08	0.0	0.0	0.0	0.4	3.9	5.9	6.8	7.5	7.8	89.3	0.3
08-09	0.0	0.0	0.0	0.1	1.3	2.8	3.7	4.4	5.0	91.9	0.3
09-10	0.0	0.0	0.0	0.0	0.1	0.5	1.2	1.6	2.2	95.8	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	98.8	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.6	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.9	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
16-17	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.8	0.3
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.7	0.3
18-19	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	99.0	0.4
19-20	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.4	0.4	98.1	0.7
20-21	0.0	0.0	0.0	0.1	0.2	0.5	0.6	0.6	0.6	96.6	0.5
21-22	0.0	0.0	0.0	0.0	0.3	0.7	0.9	1.0	1.0	94.1	0.4
22-23	0.0	0.0	0.0	0.1	0.5	1.3	1.9	2.2	2.3	91.7	0.3
23-24	0.0	0.0	0.0	0.1	1.2	2.6	3.1	3.7	3.9	88.9	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in October between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.16: RVR RWY 34 in October.

Runway Visual Range RWY 34 in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	2.6	4.7	6.0	6.7	7.4	88.8	47.5
01-02	0.0	0.0	0.0	0.1	1.7	5.1	6.1	6.6	7.1	88.6	0.2
02-03	0.0	0.0	0.0	0.1	1.6	5.0	6.7	7.4	7.9	88.6	0.3
03-04	0.0	0.0	0.0	0.1	1.3	4.9	6.2	7.1	8.2	88.9	0.2
04-05	0.0	0.0	0.0	0.1	1.5	4.5	6.2	7.4	8.0	88.4	0.2
05-06	0.0	0.0	0.0	0.0	1.0	3.2	5.3	6.5	7.1	89.2	0.3
06-07	0.0	0.0	0.0	0.2	1.3	3.7	4.8	5.4	5.8	89.4	0.5
07-08	0.0	0.0	0.0	0.5	1.9	3.8	4.8	5.3	6.0	90.1	0.2
08-09	0.0	0.0	0.0	0.3	1.4	3.5	4.3	4.6	4.9	92.1	0.2
09-10	0.0	0.0	0.0	0.0	0.3	1.4	2.0	2.5	2.9	94.4	0.3
10-11	0.0	0.0	0.0	0.0	0.1	0.6	0.7	1.0	1.3	97.0	0.2
11-12	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.6	0.9	98.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	98.7	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	99.1	0.7
14-15	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	99.1	0.4
15-16	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.6	0.6	98.6	0.5
16-17	0.0	0.0	0.0	0.0	0.2	0.9	1.0	1.0	1.0	98.2	0.3
17-18	0.0	0.0	0.0	0.0	0.3	1.1	1.2	1.4	1.4	97.8	0.6
18-19	0.0	0.0	0.0	0.1	0.2	1.3	1.4	1.6	1.7	96.6	0.4
19-20	0.0	0.0	0.0	0.0	0.3	1.7	2.1	2.3	2.6	95.1	1.6
20-21	0.0	0.0	0.0	0.0	0.6	2.1	2.9	3.3	3.5	93.0	0.4
21-22	0.0	0.0	0.0	0.1	0.9	3.0	4.0	4.4	4.6	92.5	0.4
22-23	0.0	0.0	0.0	0.1	0.9	3.3	4.5	5.0	5.2	92.3	0.3
23-24	0.0	0.0	0.0	0.1	1.3	4.6	5.3	5.9	6.2	90.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in November between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.17: RVR RWY 34 in November.

Runway Visual Range RWY 34 in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	1.0	3.3	4.6	5.0	5.9	89.7	47.6
01-02	0.0	0.0	0.0	0.0	0.5	3.3	4.3	5.2	5.7	90.2	0.2
02-03	0.0	0.0	0.0	0.1	1.1	3.6	4.6	5.6	6.4	90.2	0.3
03-04	0.0	0.0	0.0	0.0	0.7	3.4	4.5	5.5	6.6	90.5	0.1
04-05	0.0	0.0	0.0	0.1	0.9	3.8	5.0	5.9	6.7	90.5	0.3
05-06	0.0	0.0	0.0	0.1	0.5	2.9	4.4	5.2	6.0	90.8	0.3
06-07	0.0	0.0	0.0	0.1	0.4	2.6	4.0	5.3	5.8	90.5	0.4
07-08	0.0	0.0	0.0	0.1	1.0	3.3	4.5	5.0	6.0	89.9	0.4
08-09	0.0	0.0	0.0	0.4	2.2	3.8	4.7	5.5	6.1	90.1	0.3
09-10	0.0	0.0	0.0	0.3	1.3	2.5	3.4	4.2	4.8	92.1	0.2
10-11	0.0	0.0	0.0	0.2	0.5	1.6	2.3	3.0	3.7	93.6	0.2
11-12	0.0	0.0	0.0	0.1	0.7	1.3	1.9	2.1	2.5	95.6	0.4
12-13	0.0	0.0	0.0	0.1	0.3	0.4	0.7	1.0	1.5	96.6	0.2
13-14	0.0	0.0	0.0	0.0	0.4	0.5	0.7	1.0	1.3	96.9	0.3
14-15	0.0	0.0	0.0	0.2	0.6	1.0	1.0	1.0	1.0	97.3	0.2
15-16	0.0	0.0	0.0	0.2	0.9	1.2	1.3	1.4	1.4	96.3	0.3
16-17	0.0	0.0	0.0	0.1	0.7	1.3	1.4	1.6	1.8	96.2	0.2
17-18	0.0	0.0	0.0	0.0	0.6	1.4	1.7	1.9	2.0	95.9	0.2
18-19	0.0	0.0	0.0	0.0	0.5	1.6	2.1	2.4	2.7	95.1	0.3
19-20	0.0	0.0	0.0	0.0	0.7	1.6	2.3	2.8	3.0	94.2	0.6
20-21	0.0	0.0	0.0	0.0	0.7	1.7	2.8	3.2	3.6	93.1	0.0
21-22	0.0	0.0	0.0	0.1	0.7	2.3	3.3	3.8	4.1	91.4	0.4
22-23	0.0	0.0	0.0	0.1	0.5	2.7	3.4	4.0	4.3	91.2	0.2
23-24	0.0	0.0	0.0	0.2	0.7	3.1	4.1	4.7	5.1	91.5	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0% of all available observations in December between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.3.18: RVR RWY 34 in December.

3.4 RVR RWY 14 (32)

In the following tables the cumulative frequencies in percent of RVR relative to runway 14 (32) below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). RVR is only reported if the visibility is $<$ 1500 m. The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.4.1 Hourly RVR RWY 14 (32) 27 years

Runway Visual Range RWY 14 (32) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.6	2.0	3.7	4.6	5.1	5.7	92.9	47.9
01-02	0.0	0.0	0.0	0.7	2.3	4.0	5.0	5.6	6.1	92.2	0.3
02-03	0.0	0.0	0.0	0.7	2.5	4.6	5.7	6.3	6.8	91.2	0.3
03-04	0.0	0.0	0.0	0.7	2.7	5.1	6.4	7.1	7.7	90.1	0.2
04-05	0.0	0.0	0.0	0.7	2.6	5.0	6.4	7.2	7.8	89.6	0.3
05-06	0.0	0.0	0.0	0.8	2.6	4.7	6.0	6.6	7.1	90.0	0.3
06-07	0.0	0.0	0.1	0.9	2.4	3.9	4.7	5.3	5.7	91.5	0.3
07-08	0.0	0.0	0.1	0.8	1.9	3.2	3.8	4.2	4.7	92.8	0.3
08-09	0.0	0.0	0.0	0.6	1.5	2.3	2.9	3.3	3.7	94.4	0.3
09-10	0.0	0.0	0.0	0.4	0.7	1.2	1.7	2.0	2.4	96.1	0.3
10-11	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.0	1.2	97.7	0.3
11-12	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.7	98.4	0.3
12-13	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	98.9	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	99.1	0.3
14-15	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	99.2	0.3
15-16	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	98.9	0.3
16-17	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	98.9	0.3
17-18	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.5	0.6	98.8	0.3
18-19	0.0	0.0	0.0	0.0	0.2	0.5	0.6	0.7	0.8	98.5	0.3
19-20	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.1	1.3	98.0	1.0
20-21	0.0	0.0	0.0	0.1	0.6	1.3	1.6	1.9	2.0	97.1	0.3
21-22	0.0	0.0	0.0	0.2	0.9	1.8	2.2	2.5	2.8	96.2	0.3
22-23	0.0	0.0	0.0	0.4	1.3	2.3	2.8	3.2	3.4	95.3	0.4
23-24	0.0	0.0	0.0	0.6	1.7	2.9	3.5	4.0	4.3	94.2	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.1: Hourly RVR RWY 14 (32) 27 years.

3.4.2 Monthly RVR RWY 14 (32) 27 years

Runway Visual Range RWY 14 (32) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
January	0.0	0.0	0.0	0.7	1.7	2.7	3.3	3.7	4.2	93.3	2.6
February	0.0	0.0	0.0	0.6	1.2	1.7	2.1	2.4	2.8	95.3	2.8
March	0.0	0.0	0.1	0.5	0.9	1.3	1.4	1.6	1.8	97.2	2.2
April	0.0	0.0	0.0	0.2	0.3	0.6	0.7	0.8	0.8	98.8	2.4
May	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.8	0.9	98.8	2.2
June	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	99.3	2.2
July	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.5	99.3	2.2
August	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.9	98.7	2.2
September	0.0	0.0	0.0	0.5	1.5	2.8	3.6	4.0	4.4	94.5	2.2
October	0.0	0.0	0.0	0.9	3.3	5.6	6.7	7.5	8.0	89.9	2.3
November	0.0	0.0	0.0	0.6	2.4	4.8	6.0	6.6	7.2	90.0	2.4
December	0.0	0.0	0.0	0.2	1.4	3.3	4.5	5.2	5.9	90.7	2.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in April showed a runway visual range < 1200 m.

Figure 3.4.2: Monthly RVR RWY 14 (32) 27 years.

3.4.3 Hourly RVR RWY 14 (32) per Season

Runway Visual Range RWY 14 (32) in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.8	2.4	4.7	5.8	6.6	7.3	90.2	47.8
01-02	0.0	0.0	0.0	0.7	2.3	4.4	5.4	6.2	6.8	90.0	0.5
02-03	0.0	0.0	0.0	0.7	2.4	4.5	5.6	6.4	7.0	90.2	0.5
03-04	0.0	0.0	0.0	0.6	2.5	5.0	6.1	7.0	7.5	89.8	0.4
04-05	0.0	0.0	0.0	0.8	2.6	5.1	6.5	7.2	7.7	89.1	0.6
05-06	0.0	0.0	0.0	0.5	2.2	4.4	5.9	6.9	7.3	89.1	0.6
06-07	0.0	0.0	0.0	0.5	1.9	3.8	5.0	5.8	6.3	88.9	0.7
07-08	0.0	0.0	0.1	1.1	2.3	4.3	5.1	5.9	6.7	88.3	0.7
08-09	0.0	0.0	0.0	1.2	2.8	4.0	5.2	6.0	6.9	88.9	0.6
09-10	0.0	0.0	0.0	1.1	1.9	3.1	4.1	4.7	5.8	91.0	0.5
10-11	0.0	0.0	0.0	0.5	0.9	1.5	2.1	2.8	3.5	93.7	0.5
11-12	0.0	0.0	0.0	0.2	0.5	1.0	1.3	1.7	2.3	95.3	0.7
12-13	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.9	1.5	96.6	0.5
13-14	0.0	0.0	0.0	0.1	0.4	0.5	0.7	0.9	1.2	97.3	0.6
14-15	0.0	0.0	0.0	0.2	0.5	0.7	0.8	0.9	1.2	97.5	0.6
15-16	0.0	0.0	0.0	0.3	0.7	0.8	1.0	1.0	1.2	96.8	0.5
16-17	0.0	0.0	0.0	0.2	0.6	0.9	1.1	1.2	1.3	96.9	0.5
17-18	0.0	0.0	0.0	0.1	0.7	1.1	1.3	1.4	1.6	96.9	0.5
18-19	0.0	0.0	0.0	0.1	0.6	1.0	1.3	1.5	1.7	96.4	0.6
19-20	0.0	0.0	0.0	0.1	0.8	1.4	1.7	2.1	2.5	95.7	1.0
20-21	0.0	0.0	0.0	0.2	1.0	2.1	2.7	3.1	3.4	94.6	0.5
21-22	0.0	0.0	0.0	0.3	1.2	2.5	3.3	3.8	4.3	93.5	0.5
22-23	0.0	0.0	0.0	0.6	1.8	3.0	3.7	4.4	4.8	92.7	0.5
23-24	0.0	0.0	0.1	0.8	2.2	3.6	4.7	5.2	5.7	91.9	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.6% of all available observations in Winter (DJF) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.3: RVR RWY 14 (32) in Winter.

Runway Visual Range RWY 14 (32) in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.8	1.3	1.5	1.6	1.7	97.6	48.0
01-02	0.0	0.0	0.0	0.5	1.2	1.7	2.0	2.0	2.3	97.0	0.2
02-03	0.0	0.0	0.0	0.5	1.5	2.5	2.9	3.1	3.4	95.7	0.2
03-04	0.0	0.0	0.1	0.8	1.8	2.9	3.5	3.8	4.2	94.3	0.2
04-05	0.0	0.0	0.0	0.9	2.0	3.2	3.7	4.0	4.3	93.9	0.2
05-06	0.0	0.0	0.1	1.2	2.1	2.8	3.4	3.5	3.9	94.4	0.2
06-07	0.0	0.0	0.1	1.0	1.4	1.9	2.2	2.4	2.7	96.0	0.1
07-08	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.3	1.6	97.3	0.3
08-09	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.8	1.0	98.5	0.3
09-10	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	99.1	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.6	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.3
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.7	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.7	0.2
21-22	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.3	99.4	0.3
22-23	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	0.6	99.0	0.4
23-24	0.0	0.0	0.0	0.2	0.4	0.8	0.9	1.1	1.1	98.5	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in Spring (MAM) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.4: RVR RWY 14 (32) in Spring.

Runway Visual Range RWY 14 (32) in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.2	0.6	0.8	0.9	1.1	98.7	47.9
01-02	0.0	0.0	0.0	0.0	0.2	0.7	1.1	1.3	1.4	98.0	0.2
02-03	0.0	0.0	0.0	0.1	0.6	1.1	1.5	1.8	2.0	97.0	0.1
03-04	0.0	0.0	0.0	0.2	1.0	2.0	2.7	3.0	3.3	95.6	0.1
04-05	0.0	0.0	0.0	0.5	1.3	2.2	2.6	3.0	3.3	95.2	0.2
05-06	0.0	0.0	0.0	0.4	1.0	1.5	1.9	2.0	2.2	96.4	0.2
06-07	0.0	0.0	0.0	0.1	0.1	0.3	0.6	0.8	0.9	98.4	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	99.6	0.3
23-24	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in Summer (JJA) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.5: RVR RWY 14 (32) in Summer.

Runway Visual Range RWY 14 (32) in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.4	4.7	8.3	10.5	11.4	12.6	84.9	47.9
01-02	0.0	0.0	0.0	1.5	5.5	9.5	11.6	12.8	13.8	83.5	0.3
02-03	0.0	0.0	0.0	1.5	5.7	10.4	13.0	14.0	15.0	82.0	0.2
03-04	0.0	0.0	0.0	1.0	5.4	10.8	13.5	14.8	15.9	80.7	0.2
04-05	0.0	0.0	0.0	0.7	4.5	9.4	12.9	14.5	15.8	80.0	0.2
05-06	0.0	0.0	0.0	1.2	5.1	10.3	12.8	14.0	15.2	79.9	0.2
06-07	0.0	0.0	0.1	2.1	6.0	9.6	11.1	12.1	12.9	82.5	0.3
07-08	0.0	0.0	0.0	1.9	4.6	7.6	8.9	9.8	10.5	85.7	0.3
08-09	0.0	0.0	0.1	0.9	2.7	4.6	5.8	6.3	6.9	90.1	0.3
09-10	0.0	0.0	0.0	0.3	0.8	1.7	2.3	2.8	3.3	94.4	0.1
10-11	0.0	0.0	0.0	0.0	0.1	0.5	0.8	1.1	1.4	97.4	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	98.6	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.3	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.5	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.4	0.3
15-16	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	99.2	0.2
16-17	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.7	0.7	98.9	0.2
17-18	0.0	0.0	0.0	0.0	0.3	0.7	0.7	0.8	0.9	98.6	0.4
18-19	0.0	0.0	0.0	0.0	0.4	1.0	1.2	1.4	1.6	97.5	0.3
19-20	0.0	0.0	0.0	0.2	0.9	1.7	2.1	2.4	2.8	96.2	1.0
20-21	0.0	0.0	0.0	0.3	1.5	2.9	3.7	4.2	4.6	94.1	0.4
21-22	0.0	0.0	0.0	0.6	2.4	4.4	5.5	5.9	6.7	92.0	0.3
22-23	0.0	0.0	0.0	1.0	3.1	5.9	6.8	7.7	8.1	89.8	0.3
23-24	0.0	0.0	0.0	1.3	4.3	7.1	8.4	9.4	10.1	87.1	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1% of all available observations in Autumn (SON) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.6: RVR RWY 14 (32) in Autumn.

3.4.4 Hourly RVR RWY 14 (32) per Month

Runway Visual Range RWY 14 (32) in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m] < 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	1.4	2.9	4.8	5.2	5.6	6.2	90.9	47.6
01-02	0.0	0.0	0.1	1.0	2.6	4.3	5.2	6.0	6.7	90.6	0.7
02-03	0.0	0.0	0.0	0.6	2.4	4.6	5.5	6.2	6.7	90.8	0.6
03-04	0.0	0.0	0.0	0.5	3.0	5.0	5.9	6.5	7.0	90.3	0.5
04-05	0.0	0.0	0.0	0.8	2.7	5.1	6.5	7.0	7.6	89.3	0.5
05-06	0.0	0.0	0.0	0.4	2.5	4.4	5.6	6.8	7.3	89.3	0.5
06-07	0.0	0.0	0.0	0.4	1.7	3.2	4.7	5.3	5.5	89.6	0.7
07-08	0.0	0.0	0.1	1.2	2.3	3.7	4.4	5.0	5.9	88.4	0.9
08-09	0.0	0.0	0.0	1.7	3.2	4.3	5.0	5.5	6.3	89.3	0.5
09-10	0.0	0.0	0.0	1.4	2.2	3.1	4.2	4.7	5.8	90.9	0.4
10-11	0.0	0.0	0.0	1.0	1.4	1.8	2.4	3.1	3.6	93.3	0.6
11-12	0.0	0.0	0.0	0.4	0.8	1.2	1.4	1.8	2.9	94.3	0.7
12-13	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.9	1.4	96.8	0.4
13-14	0.0	0.0	0.0	0.1	0.4	0.5	0.7	0.9	1.0	98.0	0.5
14-15	0.0	0.0	0.0	0.5	0.6	0.7	0.8	0.8	1.0	97.9	0.5
15-16	0.0	0.0	0.0	0.6	0.9	1.0	1.1	1.1	1.4	97.3	0.5
16-17	0.0	0.0	0.0	0.5	0.7	0.8	1.0	1.2	1.3	97.0	0.6
17-18	0.0	0.0	0.0	0.4	0.8	1.3	1.4	1.6	1.7	97.4	0.6
18-19	0.0	0.0	0.0	0.3	0.8	1.1	1.3	1.6	1.8	96.7	1.0
19-20	0.0	0.0	0.0	0.3	1.1	1.6	1.8	2.1	2.4	96.1	1.1
20-21	0.0	0.0	0.0	0.4	1.4	2.6	3.0	3.4	3.5	94.9	0.8
21-22	0.0	0.0	0.0	0.5	1.6	2.6	3.4	4.0	4.4	94.2	0.5
22-23	0.0	0.0	0.0	1.0	2.5	3.2	3.9	4.3	4.6	93.3	0.5
23-24	0.0	0.0	0.0	1.0	2.8	3.7	4.7	5.2	5.5	91.9	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in January between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.7: RVR RWY 14 (32) in January.

Runway Visual Range RWY 14 (32) in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.8	1.8	2.5	3.2	3.7	4.3	93.7	48.1
01-02	0.0	0.0	0.0	0.7	1.8	2.8	3.3	3.8	4.0	93.2	0.7
02-03	0.0	0.0	0.0	1.1	2.3	3.8	4.3	4.9	5.0	92.9	0.7
03-04	0.0	0.0	0.0	1.1	3.0	4.4	5.0	5.7	5.9	92.1	0.7
04-05	0.0	0.0	0.0	1.5	3.4	4.8	5.5	6.2	6.2	91.5	0.9
05-06	0.0	0.0	0.1	1.2	2.8	4.2	5.2	5.8	6.0	91.1	0.9
06-07	0.0	0.0	0.1	1.1	2.7	4.0	4.4	4.9	5.3	90.0	0.9
07-08	0.0	0.0	0.2	1.8	2.8	4.2	4.6	5.2	5.9	89.8	0.9
08-09	0.0	0.0	0.1	1.5	3.0	3.6	4.4	4.9	6.3	90.7	1.1
09-10	0.0	0.0	0.0	1.2	1.9	2.6	3.5	3.8	5.1	92.3	0.9
10-11	0.0	0.0	0.0	0.2	0.5	0.9	1.4	1.8	2.6	95.3	0.7
11-12	0.0	0.0	0.0	0.1	0.1	0.1	0.4	0.9	1.4	96.8	1.0
12-13	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.9	97.4	0.9
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	98.1	0.9
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.7	98.5	1.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	98.4	0.8
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	98.8	0.7
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	98.9	0.8
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.2	0.7
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	99.0	1.4
20-21	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.4	98.7	0.8
21-22	0.0	0.0	0.1	0.2	0.8	1.1	1.2	1.3	1.4	97.9	0.6
22-23	0.0	0.0	0.1	0.5	1.0	1.2	1.6	1.8	2.0	97.0	0.8
23-24	0.0	0.0	0.1	0.7	1.2	1.7	2.2	2.4	2.5	95.9	1.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.1% of all available observations in February between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.8: RVR RWY 14 (32) in February.

Runway Visual Range RWY 14 (32) in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	1.4	1.8	1.8	1.8	1.9	97.2	47.5
01-02	0.0	0.0	0.0	0.7	2.1	2.5	2.6	2.8	2.9	96.4	0.1
02-03	0.0	0.0	0.1	1.0	2.3	3.3	3.6	3.9	4.0	94.7	0.1
03-04	0.0	0.0	0.2	1.2	2.7	3.8	4.2	4.4	5.0	93.1	0.0
04-05	0.0	0.0	0.0	1.1	2.8	4.1	4.5	5.1	5.4	92.3	0.2
05-06	0.0	0.0	0.1	1.7	3.2	4.2	5.0	5.3	6.2	91.1	0.2
06-07	0.0	0.0	0.4	2.1	2.8	3.3	3.9	4.4	4.8	92.4	0.0
07-08	0.0	0.0	0.4	1.2	1.9	2.3	2.6	2.9	3.4	94.0	0.3
08-09	0.0	0.0	0.1	0.7	1.1	1.6	1.8	2.1	2.4	96.5	0.5
09-10	0.0	0.0	0.0	0.3	0.4	0.5	0.8	1.0	1.2	97.8	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.3	0.1
11-12	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.5	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.5	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	99.3	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	99.3	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	99.3	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.3	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.5	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.6	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.7	1.0
20-21	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.5	99.2	0.2
21-22	0.0	0.0	0.0	0.1	0.4	0.5	0.5	0.6	0.7	98.6	0.4
22-23	0.0	0.0	0.0	0.2	0.7	0.7	0.9	1.0	1.0	98.1	0.5
23-24	0.0	0.0	0.0	0.4	0.8	1.3	1.4	1.8	1.8	97.6	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.2% of all available observations in March between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.9: RVR RWY 14 (32) in March.

Runway Visual Range RWY 14 (32) in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.2	1.4	98.1	48.5
01-02	0.0	0.1	0.1	0.4	0.6	1.1	1.5	1.5	1.7	97.6	0.4
02-03	0.0	0.0	0.0	0.2	0.9	1.9	2.2	2.4	2.4	97.1	0.4
03-04	0.0	0.0	0.0	0.4	1.2	2.0	2.7	3.0	3.3	95.9	0.4
04-05	0.0	0.0	0.0	0.8	1.7	2.7	3.2	3.4	3.8	95.0	0.2
05-06	0.0	0.0	0.2	1.2	1.7	2.3	2.7	2.9	3.0	95.8	0.4
06-07	0.0	0.0	0.0	0.6	1.0	1.5	1.5	1.7	2.0	97.6	0.4
07-08	0.0	0.0	0.0	0.1	0.2	0.6	0.7	0.8	1.1	98.7	0.4
08-09	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	99.3	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.5	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.5
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.3
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.9	0.3
22-23	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	99.5	0.5
23-24	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.5	99.2	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in April between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.10: RVR RWY 14 (32) in April.

Runway Visual Range RWY 14 (32) in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.7	1.2	1.4	1.7	1.8	97.7	48.1
01-02	0.0	0.0	0.0	0.4	0.8	1.4	1.8	1.9	2.2	97.1	0.1
02-03	0.0	0.0	0.0	0.2	1.2	2.2	2.8	3.2	3.6	95.2	0.1
03-04	0.0	0.0	0.0	0.7	1.5	2.8	3.6	3.9	4.2	93.9	0.1
04-05	0.0	0.0	0.0	0.8	1.6	2.8	3.3	3.4	3.7	94.4	0.1
05-06	0.0	0.0	0.0	0.7	1.4	2.0	2.3	2.4	2.5	96.3	0.2
06-07	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.2	1.3	98.1	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.3	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	0.4
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	99.8	0.1
22-23	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.4	0.5	99.5	0.2
23-24	0.0	0.0	0.0	0.1	0.3	0.7	0.8	0.8	0.9	98.9	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations in May between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.11: RVR RWY 14 (32) in May.

Runway Visual Range RWY 14 (32) in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.6	1.1	98.7	47.7
01-02	0.0	0.0	0.0	0.1	0.1	0.4	0.8	0.9	1.0	98.4	0.1
02-03	0.0	0.0	0.0	0.2	0.9	1.4	1.6	1.7	1.9	97.1	0.1
03-04	0.0	0.0	0.1	0.5	1.0	2.0	2.8	3.2	3.5	95.7	0.0
04-05	0.0	0.0	0.0	0.7	1.3	1.9	2.2	2.5	2.5	96.5	0.1
05-06	0.0	0.0	0.0	0.2	0.6	0.9	1.2	1.2	1.4	98.1	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	99.3	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.8	0.3
22-23	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	99.5	0.1
23-24	0.0	0.0	0.0	0.1	0.1	0.4	0.4	0.4	0.6	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in June between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.12: RVR RWY 14 (32) in June.

Runway Visual Range RWY 14 (32) in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.5	0.7	0.8	0.8	99.2	47.8
01-02	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.0	1.1	98.4	0.2
02-03	0.0	0.0	0.0	0.0	0.2	0.6	1.1	1.2	1.5	97.5	0.1
03-04	0.0	0.0	0.0	0.1	0.7	1.6	2.1	2.5	2.7	96.2	0.1
04-05	0.0	0.0	0.1	0.5	1.1	1.9	2.3	2.6	2.8	96.0	0.2
05-06	0.0	0.0	0.0	0.3	0.7	1.1	1.3	1.4	1.5	97.4	0.3
06-07	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.5	99.0	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	99.8	0.4
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.5	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in July between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.13: RVR RWY 14 (32) in July.

Runway Visual Range RWY 14 (32) in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.5	1.0	1.2	1.4	1.4	98.3	48.1
01-02	0.0	0.0	0.0	0.0	0.5	1.3	1.8	2.0	2.2	97.2	0.2
02-03	0.0	0.0	0.0	0.1	0.7	1.4	1.9	2.3	2.6	96.5	0.1
03-04	0.0	0.0	0.0	0.1	1.2	2.3	3.1	3.4	3.7	94.8	0.3
04-05	0.0	0.0	0.0	0.4	1.4	2.8	3.4	4.0	4.6	93.0	0.1
05-06	0.0	0.0	0.0	0.8	1.6	2.4	3.1	3.4	3.7	94.0	0.2
06-07	0.0	0.0	0.0	0.2	0.4	0.8	1.4	1.7	2.0	96.9	0.3
07-08	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	99.5	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	99.5	0.4
23-24	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.5	0.7	99.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in August between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.14: RVR RWY 14 (32) in August.

Runway Visual Range RWY 14 (32) in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.2	2.7	4.3	5.5	5.8	6.9	91.7	48.0
01-02	0.0	0.0	0.0	1.2	3.4	5.6	7.6	8.7	9.7	88.6	0.3
02-03	0.0	0.0	0.0	1.4	4.4	8.6	11.2	11.8	13.2	84.9	0.0
03-04	0.0	0.0	0.0	1.2	4.8	9.1	12.4	14.1	15.8	81.0	0.2
04-05	0.0	0.0	0.0	0.7	4.0	8.6	12.6	14.4	16.4	79.5	0.2
05-06	0.0	0.0	0.0	2.2	6.2	10.7	12.9	14.0	14.9	80.5	0.1
06-07	0.0	0.0	0.1	2.2	4.8	7.8	8.9	9.7	10.5	86.4	0.3
07-08	0.0	0.0	0.0	0.7	2.4	4.6	5.7	6.6	7.1	90.8	0.3
08-09	0.0	0.0	0.0	0.1	0.3	1.1	1.7	2.1	2.3	96.2	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.4	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.8	0.7
20-21	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.7	0.7	99.2	0.4
21-22	0.0	0.0	0.0	0.1	0.4	1.2	1.7	1.7	1.9	97.7	0.1
22-23	0.0	0.0	0.0	0.6	1.4	2.2	2.6	2.8	3.0	95.9	0.2
23-24	0.0	0.0	0.0	0.9	1.8	3.0	3.8	4.5	4.8	94.4	0.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.2% of all available observations in September between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.15: RVR RWY 14 (32) in September.

Runway Visual Range RWY 14 (32) in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.7	6.9	11.9	14.9	16.1	17.6	79.9	48.3
01-02	0.0	0.0	0.0	2.1	7.3	13.4	15.9	17.4	18.4	79.0	0.2
02-03	0.0	0.0	0.0	2.2	7.5	12.7	15.9	17.5	18.1	78.0	0.2
03-04	0.0	0.0	0.0	1.0	7.2	13.7	16.1	17.4	18.2	78.0	0.2
04-05	0.0	0.0	0.0	0.9	5.6	11.4	14.8	16.6	17.8	78.0	0.2
05-06	0.0	0.0	0.0	1.0	6.4	12.9	15.3	17.0	18.2	76.4	0.4
06-07	0.0	0.0	0.1	3.0	9.2	13.0	14.8	15.9	16.6	78.3	0.2
07-08	0.0	0.0	0.0	3.2	7.2	10.9	12.2	12.9	13.8	82.0	0.3
08-09	0.0	0.0	0.1	0.9	3.8	6.2	7.6	8.2	9.2	87.2	0.3
09-10	0.0	0.0	0.0	0.2	0.7	1.3	2.3	3.2	3.6	93.5	0.1
10-11	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.8	1.2	97.9	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.3	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
16-17	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.8	0.3
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.6	0.3
18-19	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.9	1.1	98.3	0.4
19-20	0.0	0.0	0.0	0.3	1.0	1.6	2.1	2.5	2.9	96.3	0.7
20-21	0.0	0.0	0.0	0.4	1.9	3.2	4.3	5.0	5.6	93.2	0.5
21-22	0.0	0.0	0.0	1.1	3.7	6.1	7.3	7.9	8.9	89.7	0.4
22-23	0.0	0.0	0.0	1.6	4.4	7.7	9.1	10.7	11.4	86.2	0.3
23-24	0.0	0.0	0.0	2.3	6.7	10.2	11.7	13.2	14.3	82.0	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1% of all available observations in October between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.16: RVR RWY 14 (32) in October.

Runway Visual Range RWY 14 (32) in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m] < 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	1.2	4.5	8.6	11.2	12.1	13.2	83.3	47.5
01-02	0.0	0.0	0.1	1.1	5.6	9.5	11.1	12.2	13.2	83.0	0.2
02-03	0.0	0.0	0.0	1.1	5.2	9.7	11.9	12.6	13.6	83.0	0.3
03-04	0.0	0.0	0.1	0.9	4.1	9.5	11.8	12.9	13.5	83.1	0.2
04-05	0.0	0.0	0.1	0.6	3.8	8.2	11.3	12.5	13.2	82.5	0.2
05-06	0.0	0.0	0.0	0.5	2.7	7.1	10.0	10.9	12.4	82.8	0.3
06-07	0.0	0.0	0.1	1.2	4.0	7.8	9.5	10.6	11.5	83.1	0.5
07-08	0.0	0.0	0.1	1.7	4.0	7.2	8.7	9.8	10.5	84.3	0.2
08-09	0.0	0.0	0.1	1.6	3.8	6.5	7.9	8.6	9.2	86.8	0.2
09-10	0.0	0.0	0.0	0.9	1.9	3.7	4.6	5.3	6.1	90.2	0.3
10-11	0.0	0.0	0.0	0.1	0.4	1.4	2.0	2.5	3.1	94.1	0.2
11-12	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.7	96.4	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.7	97.9	0.4
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	98.4	0.7
14-15	0.0	0.0	0.0	0.1	0.1	0.4	0.6	0.6	0.7	98.4	0.4
15-16	0.0	0.0	0.0	0.4	0.7	1.1	1.2	1.2	1.4	97.6	0.5
16-17	0.0	0.0	0.0	0.2	0.9	1.4	1.8	1.9	2.0	97.0	0.3
17-18	0.0	0.0	0.0	0.1	0.9	1.9	2.1	2.4	2.5	96.3	0.6
18-19	0.0	0.0	0.0	0.1	0.8	2.4	2.8	3.3	3.8	94.3	0.4
19-20	0.0	0.0	0.0	0.2	1.6	3.5	4.3	4.6	5.3	92.6	1.6
20-21	0.0	0.0	0.0	0.6	2.2	4.8	6.0	6.8	7.3	90.0	0.4
21-22	0.0	0.0	0.0	0.5	3.2	5.9	7.4	8.1	9.2	88.5	0.4
22-23	0.0	0.0	0.0	0.7	3.3	7.6	8.6	9.4	9.8	87.5	0.3
23-24	0.0	0.0	0.0	0.7	4.3	8.1	9.4	10.5	11.2	85.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in November between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.17: RVR RWY 14 (32) in November.

Runway Visual Range RWY 14 (32) in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	2.5	6.6	8.8	10.4	11.2	86.4	47.6
01-02	0.0	0.0	0.0	0.5	2.4	5.7	7.4	8.5	9.5	86.6	0.2
02-03	0.0	0.0	0.0	0.4	2.5	4.9	6.8	8.1	9.0	87.2	0.3
03-04	0.0	0.0	0.0	0.1	1.6	5.6	7.4	8.7	9.4	87.1	0.1
04-05	0.0	0.0	0.0	0.1	1.7	5.2	7.4	8.4	9.2	86.8	0.3
05-06	0.0	0.0	0.0	0.1	1.5	4.5	6.8	7.8	8.6	87.0	0.3
06-07	0.0	0.0	0.0	0.1	1.4	4.1	5.9	7.1	8.0	87.2	0.4
07-08	0.0	0.0	0.0	0.2	1.9	4.9	6.2	7.3	8.2	86.7	0.4
08-09	0.0	0.0	0.0	0.4	2.2	4.1	6.1	7.4	8.1	87.0	0.3
09-10	0.0	0.0	0.0	0.7	1.7	3.6	4.6	5.5	6.3	89.9	0.2
10-11	0.0	0.0	0.0	0.3	0.8	1.7	2.5	3.5	4.1	92.6	0.2
11-12	0.0	0.0	0.0	0.1	0.7	1.4	1.9	2.3	2.6	94.8	0.4
12-13	0.0	0.0	0.0	0.1	0.5	1.0	1.3	1.6	2.0	95.8	0.2
13-14	0.0	0.0	0.0	0.3	0.8	1.0	1.1	1.4	2.0	95.9	0.3
14-15	0.0	0.0	0.0	0.2	0.9	1.1	1.4	1.6	1.9	96.1	0.2
15-16	0.0	0.0	0.0	0.2	1.0	1.4	1.7	1.8	1.9	94.9	0.3
16-17	0.0	0.0	0.0	0.2	0.9	1.7	2.1	2.2	2.3	95.1	0.2
17-18	0.0	0.0	0.0	0.0	1.1	1.9	2.2	2.5	2.9	94.7	0.2
18-19	0.0	0.0	0.0	0.0	0.9	1.7	2.5	2.6	3.2	93.6	0.3
19-20	0.0	0.0	0.0	0.0	1.4	2.3	3.0	3.7	4.6	92.3	0.6
20-21	0.0	0.0	0.0	0.2	1.4	3.5	4.8	5.3	6.1	90.6	0.0
21-22	0.0	0.0	0.0	0.3	1.1	3.8	5.1	5.9	6.8	88.8	0.4
22-23	0.0	0.0	0.0	0.2	1.7	4.4	5.4	6.8	7.5	88.4	0.2
23-24	0.0	0.0	0.1	0.7	2.5	5.2	7.1	7.8	8.8	88.4	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in December between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.4.18: RVR RWY 14 (32) in December.

3.5 RVR RWY 28 (10)

In the following tables the cumulative frequencies in percent of RVR relative to runway 28 (10) below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). RVR is only reported if the visibility is $<$ 1500 m. The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.5.1 Hourly RVR RWY 28 (10) 27 years

Runway Visual Range RWY 28 (10) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.6	1.6	2.4	3.1	3.4	3.7	92.9	47.9
01-02	0.0	0.0	0.0	0.7	1.7	2.7	3.3	3.7	4.0	92.2	0.3
02-03	0.0	0.0	0.0	0.7	1.7	3.0	3.8	4.3	4.6	91.3	0.3
03-04	0.0	0.0	0.0	0.7	2.0	3.7	4.6	4.9	5.4	90.1	0.2
04-05	0.0	0.0	0.0	0.7	2.0	3.6	4.6	5.0	5.4	89.6	0.3
05-06	0.0	0.0	0.0	0.8	1.9	3.4	4.3	4.8	5.2	90.0	0.3
06-07	0.0	0.0	0.0	0.7	1.6	2.8	3.5	3.9	4.3	91.5	0.3
07-08	0.0	0.0	0.0	0.7	1.4	2.4	3.0	3.4	4.1	92.8	0.3
08-09	0.0	0.0	0.0	0.5	1.1	1.8	2.2	2.6	3.2	94.5	0.3
09-10	0.0	0.0	0.0	0.3	0.6	1.0	1.3	1.7	2.1	96.2	0.3
10-11	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.2	97.7	0.3
11-12	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.8	98.4	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.5	98.9	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	99.1	0.3
14-15	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	99.2	0.3
15-16	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	99.0	0.3
16-17	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.5	98.9	0.3
17-18	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.5	0.6	98.8	0.3
18-19	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	98.5	0.3
19-20	0.0	0.0	0.0	0.1	0.3	0.6	0.7	0.7	0.8	98.0	1.0
20-21	0.0	0.0	0.0	0.2	0.4	0.8	1.0	1.1	1.3	97.1	0.3
21-22	0.0	0.0	0.0	0.3	0.7	1.1	1.4	1.6	1.7	96.2	0.3
22-23	0.0	0.0	0.0	0.4	0.9	1.5	1.8	2.0	2.2	95.3	0.4
23-24	0.0	0.0	0.0	0.5	1.2	2.0	2.4	2.6	2.8	94.3	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.1: Hourly RVR RWY 28 (10) 27 years.

3.5.2 Monthly RVR RWY 28 (10) 27 years

Runway Visual Range RWY 28 (10) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
January	0.0	0.0	0.0	0.9	1.6	2.4	2.8	3.2	3.7	93.3	2.6
February	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.8	2.3	95.4	2.8
March	0.0	0.0	0.0	0.3	0.6	0.9	1.0	1.1	1.3	97.2	2.2
April	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	98.8	2.4
May	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	98.8	2.2
June	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	99.3	2.2
July	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	99.3	2.2
August	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.4	0.4	98.7	2.2
September	0.0	0.0	0.0	0.4	0.8	1.4	1.8	2.0	2.2	94.5	2.2
October	0.0	0.0	0.1	0.9	2.3	3.8	4.6	5.1	5.5	89.9	2.3
November	0.0	0.0	0.0	0.6	2.0	3.7	4.7	5.2	5.9	90.0	2.4
December	0.0	0.0	0.0	0.3	1.3	2.8	3.7	4.4	5.1	90.7	2.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in April showed a runway visual range < 1200 m.

Figure 3.5.2: Monthly RVR RWY 28 (10) 27 years.

3.5.3 Hourly RVR RWY 28 (10) per Season

Runway Visual Range RWY 28 (10) in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	2.2	3.5	4.6	5.0	5.6	90.4	47.8
01-02	0.0	0.0	0.0	0.8	2.0	3.3	4.1	4.8	5.5	90.1	0.5
02-03	0.0	0.0	0.0	0.7	1.9	3.4	4.3	5.1	5.6	90.2	0.5
03-04	0.0	0.0	0.0	0.7	2.0	4.0	4.9	5.3	6.0	89.8	0.4
04-05	0.0	0.0	0.0	0.8	2.0	4.1	5.2	5.7	6.3	89.1	0.6
05-06	0.0	0.0	0.0	0.8	2.2	4.2	5.3	5.8	6.3	89.1	0.6
06-07	0.0	0.0	0.0	0.7	1.5	3.0	4.1	4.7	5.3	88.9	0.7
07-08	0.0	0.0	0.1	1.1	1.9	3.3	4.2	5.0	6.3	88.3	0.7
08-09	0.0	0.0	0.0	1.2	2.4	3.5	4.3	5.1	6.5	89.0	0.6
09-10	0.0	0.0	0.0	0.9	1.9	2.9	3.8	4.8	5.7	91.0	0.5
10-11	0.0	0.0	0.0	0.5	0.8	1.4	2.0	2.6	3.5	93.7	0.5
11-12	0.0	0.0	0.0	0.2	0.4	0.8	1.2	1.5	2.5	95.3	0.7
12-13	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.6	96.6	0.5
13-14	0.0	0.0	0.0	0.2	0.3	0.5	0.6	0.9	1.5	97.3	0.6
14-15	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.9	1.2	97.5	0.6
15-16	0.0	0.0	0.1	0.3	0.5	0.7	0.9	0.9	1.3	96.8	0.5
16-17	0.0	0.0	0.0	0.3	0.6	0.9	1.0	1.2	1.5	96.9	0.5
17-18	0.0	0.0	0.0	0.3	0.6	1.0	1.1	1.3	1.5	96.9	0.5
18-19	0.0	0.0	0.0	0.3	0.6	1.1	1.2	1.4	1.7	96.4	0.6
19-20	0.0	0.0	0.0	0.3	0.7	1.2	1.6	1.7	2.0	95.7	1.0
20-21	0.0	0.0	0.0	0.4	0.8	1.4	1.9	2.4	2.8	94.6	0.5
21-22	0.0	0.0	0.0	0.4	0.9	1.8	2.4	2.9	3.2	93.5	0.5
22-23	0.0	0.0	0.0	0.5	1.2	2.2	2.8	3.3	3.7	92.8	0.5
23-24	0.0	0.0	0.1	0.8	1.9	3.0	3.6	3.8	4.2	92.0	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations in Winter (DJF) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.3: RVR RWY 28 (10) in Winter.

Runway Visual Range RWY 28 (10) in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.4	0.7	0.7	0.8	0.8	97.6	48.0
01-02	0.0	0.0	0.0	0.2	0.6	0.8	0.9	1.1	1.2	97.0	0.2
02-03	0.0	0.0	0.0	0.3	0.7	1.3	1.6	1.8	2.0	95.7	0.2
03-04	0.0	0.0	0.0	0.5	1.2	1.9	2.3	2.5	2.6	94.3	0.2
04-05	0.0	0.0	0.0	0.7	1.3	1.9	2.2	2.4	2.6	93.9	0.2
05-06	0.0	0.0	0.1	0.9	1.4	1.9	2.2	2.3	2.5	94.4	0.2
06-07	0.0	0.0	0.1	0.6	1.0	1.3	1.5	1.6	1.8	96.0	0.1
07-08	0.0	0.0	0.1	0.4	0.6	0.8	0.9	1.0	1.3	97.4	0.3
08-09	0.0	0.0	0.0	0.2	0.3	0.5	0.5	0.7	1.0	98.6	0.3
09-10	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.5	99.1	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.6	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.7	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.3
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.3
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.7	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.7	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	99.4	0.3
22-23	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.3	0.4	99.0	0.4
23-24	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.5	0.5	98.5	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in Spring (MAM) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.4: RVR RWY 28 (10) in Spring.

Runway Visual Range RWY 28 (10) in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.4	0.5	98.7	47.9
01-02	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.4	0.5	98.0	0.2
02-03	0.0	0.0	0.0	0.1	0.4	0.7	0.8	0.9	0.9	97.1	0.1
03-04	0.0	0.0	0.0	0.2	0.6	1.0	1.2	1.4	1.5	95.6	0.1
04-05	0.0	0.0	0.0	0.2	0.6	1.1	1.4	1.5	1.6	95.2	0.2
05-06	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.9	1.1	96.5	0.2
06-07	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	98.4	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.6	0.3
23-24	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in Summer (JJA) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.5: RVR RWY 28 (10) in Summer.

Runway Visual Range RWY 28 (10) in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	1.4	3.8	5.4	6.8	7.3	7.8	84.9	47.9
01-02	0.0	0.0	0.0	1.7	4.0	6.3	7.7	8.3	8.9	83.5	0.3
02-03	0.0	0.0	0.1	1.5	3.8	6.6	8.5	9.5	10.1	82.0	0.2
03-04	0.0	0.0	0.1	1.4	4.1	7.8	9.8	10.6	11.5	80.7	0.2
04-05	0.0	0.0	0.0	1.2	4.2	7.6	9.5	10.6	11.3	80.0	0.2
05-06	0.0	0.0	0.0	1.3	3.5	6.9	8.9	10.1	10.9	79.9	0.2
06-07	0.0	0.0	0.0	1.4	3.8	6.7	8.2	9.2	9.9	82.5	0.3
07-08	0.0	0.0	0.0	1.2	3.1	5.5	7.0	7.7	8.8	85.7	0.3
08-09	0.0	0.0	0.0	0.7	1.7	3.3	4.1	4.8	5.5	90.1	0.3
09-10	0.0	0.0	0.0	0.3	0.6	1.0	1.3	1.7	2.3	94.4	0.1
10-11	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.6	1.1	97.4	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.7	98.6	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	99.3	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.5	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	99.4	0.3
15-16	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	99.2	0.2
16-17	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	98.9	0.2
17-18	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.7	0.8	98.6	0.4
18-19	0.0	0.0	0.0	0.1	0.4	0.7	0.8	0.9	1.0	97.5	0.3
19-20	0.0	0.0	0.0	0.2	0.5	1.0	1.2	1.2	1.4	96.2	1.0
20-21	0.0	0.0	0.0	0.3	1.0	1.7	2.0	2.1	2.4	94.1	0.4
21-22	0.0	0.0	0.1	0.8	1.7	2.6	3.0	3.2	3.4	92.0	0.3
22-23	0.0	0.0	0.1	0.9	2.2	3.6	4.1	4.5	4.8	89.8	0.3
23-24	0.0	0.0	0.1	1.1	2.8	4.5	5.4	5.9	6.4	87.1	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in Autumn (SON) between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.6: RVR RWY 28 (10) in Autumn.

3.5.4 Hourly RVR RWY 28 (10) per Month

Runway Visual Range RWY 28 (10) in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.5	2.6	4.2	5.1	5.5	6.0	90.9	47.6
01-02	0.0	0.0	0.0	1.3	2.8	3.7	4.4	5.0	5.7	90.6	0.7
02-03	0.0	0.0	0.0	1.1	2.3	3.8	4.7	5.2	5.7	90.8	0.6
03-04	0.0	0.0	0.0	1.1	2.1	4.2	5.0	5.1	5.6	90.3	0.5
04-05	0.0	0.0	0.0	1.3	2.4	4.5	5.6	6.0	6.6	89.3	0.5
05-06	0.0	0.0	0.1	1.0	2.6	4.4	5.8	6.2	6.6	89.3	0.5
06-07	0.0	0.0	0.1	0.9	2.0	3.1	4.2	4.6	5.5	89.6	0.7
07-08	0.0	0.0	0.1	1.4	2.1	3.2	3.8	4.9	6.4	88.4	0.9
08-09	0.0	0.0	0.1	1.6	2.6	3.5	3.8	4.7	5.8	89.3	0.5
09-10	0.0	0.0	0.0	1.3	2.2	3.2	3.9	4.7	5.8	90.9	0.4
10-11	0.0	0.0	0.0	0.8	1.1	1.9	2.3	2.8	3.7	93.3	0.6
11-12	0.0	0.0	0.0	0.2	0.4	1.0	1.3	1.6	2.5	94.3	0.7
12-13	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.8	1.4	96.8	0.4
13-14	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.5	1.0	98.0	0.5
14-15	0.0	0.0	0.0	0.4	0.5	0.5	0.7	0.8	1.0	97.9	0.5
15-16	0.0	0.0	0.4	0.6	0.7	0.7	0.7	0.7	1.0	97.3	0.5
16-17	0.0	0.0	0.1	0.6	0.7	0.8	0.9	1.1	1.2	97.0	0.6
17-18	0.0	0.0	0.0	0.6	0.9	1.2	1.2	1.3	1.3	97.4	0.6
18-19	0.0	0.0	0.0	0.7	1.0	1.3	1.3	1.3	1.6	96.7	1.0
19-20	0.0	0.0	0.0	0.8	1.1	1.6	1.6	1.6	1.8	96.1	1.1
20-21	0.0	0.0	0.0	1.0	1.6	1.9	2.3	2.6	2.9	94.9	0.8
21-22	0.0	0.0	0.0	0.7	1.3	2.0	2.5	3.1	3.2	94.2	0.5
22-23	0.0	0.0	0.0	1.3	1.8	2.6	2.9	3.4	3.7	93.3	0.5
23-24	0.0	0.0	0.0	1.4	2.6	3.4	4.1	4.3	4.8	91.9	0.8

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.1% of all available observations in January between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.7: RVR RWY 28 (10) in January.

Runway Visual Range RWY 28 (10) in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.3	1.0	1.4	1.9	2.0	2.4	93.9	48.1
01-02	0.0	0.0	0.0	0.5	1.1	1.5	2.0	2.4	2.8	93.3	0.7
02-03	0.0	0.0	0.0	0.7	1.6	2.2	2.4	2.7	3.1	92.9	0.7
03-04	0.0	0.0	0.1	0.9	1.7	2.5	3.1	3.2	3.8	92.1	0.7
04-05	0.0	0.0	0.1	1.0	1.9	3.1	3.9	4.2	4.6	91.5	0.9
05-06	0.0	0.0	0.0	1.1	2.1	3.4	4.0	4.4	4.7	91.1	0.9
06-07	0.0	0.0	0.1	1.1	1.9	3.2	3.7	3.9	4.2	90.0	0.9
07-08	0.0	0.0	0.2	1.6	2.5	3.2	3.5	4.1	5.2	89.8	0.9
08-09	0.0	0.0	0.1	1.5	2.6	3.1	4.1	4.7	6.2	90.7	1.1
09-10	0.0	0.0	0.0	1.0	1.7	2.4	3.5	4.5	5.4	92.3	0.9
10-11	0.0	0.0	0.0	0.3	0.3	0.7	1.1	1.7	2.5	95.3	0.7
11-12	0.0	0.0	0.0	0.0	0.1	0.1	0.7	0.9	2.0	96.8	1.0
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.5	97.4	0.9
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.4	98.1	0.9
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.9	98.5	1.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.9	98.4	0.8
16-17	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.5	98.8	0.7
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	98.9	0.8
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.2	0.7
19-20	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	99.0	1.4
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	98.7	0.8
21-22	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.5	0.7	97.9	0.6
22-23	0.0	0.0	0.0	0.1	0.4	0.6	0.8	1.0	1.1	97.0	0.8
23-24	0.0	0.0	0.1	0.3	0.6	0.9	0.9	0.9	1.3	96.0	1.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in February between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.8: RVR RWY 28 (10) in February.

Runway Visual Range RWY 28 (10) in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.5	0.9	1.3	1.3	1.4	1.4	97.2	47.5
01-02	0.0	0.0	0.0	0.5	1.2	1.6	1.6	1.7	2.0	96.4	0.1
02-03	0.0	0.0	0.0	0.6	1.3	1.8	2.1	2.3	2.6	94.7	0.1
03-04	0.0	0.0	0.0	0.8	2.0	2.7	3.0	3.2	3.5	93.1	0.0
04-05	0.0	0.0	0.0	0.7	1.5	2.3	2.8	2.9	3.0	92.3	0.2
05-06	0.0	0.1	0.2	1.4	2.2	2.9	3.2	3.4	3.8	91.1	0.2
06-07	0.0	0.1	0.3	1.3	2.2	2.7	2.8	2.9	3.5	92.4	0.0
07-08	0.0	0.0	0.2	0.9	1.5	2.1	2.2	2.5	3.2	94.1	0.3
08-09	0.0	0.0	0.1	0.5	0.7	1.4	1.4	2.0	2.5	96.6	0.5
09-10	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.7	1.2	97.9	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	99.3	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	99.5	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	99.5	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	99.3	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.3	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	99.3	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	99.3	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.5	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.6	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.7	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.2	0.2
21-22	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.5	98.6	0.4
22-23	0.0	0.0	0.0	0.2	0.3	0.6	0.7	0.8	0.8	98.1	0.5
23-24	0.0	0.0	0.0	0.2	0.6	0.9	0.9	1.0	1.0	97.6	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in March between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.9: RVR RWY 28 (10) in March.

Runway Visual Range RWY 28 (10) in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.1	0.5	0.5	0.5	0.5	98.1	48.5
01-02	0.0	0.0	0.0	0.1	0.2	0.5	0.6	0.6	0.7	97.6	0.4
02-03	0.0	0.0	0.1	0.2	0.4	1.0	1.2	1.3	1.5	97.1	0.4
03-04	0.0	0.0	0.0	0.2	0.6	1.1	1.4	1.6	1.7	95.9	0.4
04-05	0.0	0.0	0.1	0.6	1.1	1.7	1.9	2.1	2.3	95.0	0.2
05-06	0.0	0.0	0.1	0.8	1.2	1.6	1.7	1.9	1.9	95.8	0.4
06-07	0.0	0.0	0.0	0.5	0.6	0.9	1.1	1.1	1.2	97.6	0.4
07-08	0.0	0.0	0.0	0.3	0.3	0.4	0.6	0.6	0.6	98.7	0.4
08-09	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.4	99.3	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	99.5	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.8	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.5
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.3
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.9	0.3
22-23	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	99.5	0.5
23-24	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	99.2	0.7

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in April between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.10: RVR RWY 28 (10) in April.

Runway Visual Range RWY 28 (10) in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m] < 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.2	0.5	0.5	0.5	0.6	97.7	48.1
01-02	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.0	97.1	0.1
02-03	0.0	0.0	0.0	0.2	0.5	1.2	1.6	1.7	1.8	95.2	0.1
03-04	0.0	0.0	0.0	0.4	1.0	1.9	2.5	2.5	2.6	93.9	0.1
04-05	0.0	0.0	0.0	0.9	1.4	1.7	2.1	2.3	2.5	94.4	0.1
05-06	0.0	0.0	0.0	0.7	0.8	1.3	1.6	1.7	1.9	96.3	0.2
06-07	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7	98.1	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.3	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.4
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.5	0.2
23-24	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.4	98.9	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in May between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.11: RVR RWY 28 (10) in May.

Runway Visual Range RWY 28 (10) in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	98.7	47.7
01-02	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	98.5	0.1
02-03	0.0	0.0	0.0	0.0	0.2	0.5	0.6	0.9	0.9	97.2	0.1
03-04	0.0	0.0	0.0	0.2	0.7	0.9	1.3	1.4	1.4	95.9	0.0
04-05	0.0	0.0	0.0	0.3	0.4	0.7	0.9	0.9	1.1	96.7	0.1
05-06	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.6	98.2	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.4	0.2
07-08	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.9	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.3
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.5	0.1
23-24	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	99.3	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in June between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.12: RVR RWY 28 (10) in June.

Runway Visual Range RWY 28 (10) in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.5	99.2	47.8
01-02	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.5	0.5	98.4	0.2
02-03	0.0	0.0	0.0	0.1	0.4	0.7	0.7	0.8	0.8	97.5	0.1
03-04	0.0	0.0	0.0	0.1	0.4	1.0	1.1	1.4	1.6	96.2	0.1
04-05	0.0	0.0	0.1	0.2	0.5	0.9	1.1	1.3	1.4	96.0	0.2
05-06	0.0	0.0	0.0	0.2	0.4	0.6	0.6	0.8	1.0	97.4	0.3
06-07	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	99.0	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.8	0.4
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.5	0.5

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in July between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.13: RVR RWY 28 (10) in July.

Runway Visual Range RWY 28 (10) in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.7	0.7	98.3	48.1
01-02	0.0	0.0	0.0	0.2	0.4	0.7	0.8	0.8	1.0	97.2	0.2
02-03	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.1	1.2	96.5	0.1
03-04	0.0	0.0	0.1	0.2	0.8	1.1	1.3	1.5	1.6	94.7	0.3
04-05	0.0	0.0	0.0	0.1	0.7	1.6	2.0	2.2	2.3	93.0	0.1
05-06	0.0	0.0	0.1	0.5	0.7	1.0	1.3	1.6	1.7	94.0	0.2
06-07	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.8	0.8	96.9	0.3
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.5	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.4
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.9
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.5	0.4
23-24	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in August between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.14: RVR RWY 28 (10) in August.

Runway Visual Range RWY 28 (10) in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.1	1.7	1.8	2.0	2.3	2.4	91.7	48.0
01-02	0.0	0.0	0.0	1.1	2.2	3.0	3.4	3.6	3.8	88.7	0.3
02-03	0.0	0.0	0.0	1.2	2.5	3.8	4.7	5.2	5.5	84.9	0.0
03-04	0.0	0.0	0.0	1.4	3.3	5.6	7.2	7.7	8.3	81.1	0.2
04-05	0.0	0.0	0.0	1.2	3.1	5.2	6.6	7.5	8.2	79.5	0.2
05-06	0.0	0.0	0.0	1.7	2.7	4.8	6.3	7.4	8.2	80.5	0.1
06-07	0.0	0.0	0.0	0.7	2.2	4.1	5.3	6.3	6.8	86.4	0.3
07-08	0.0	0.0	0.0	0.1	0.9	2.2	3.3	4.0	4.5	90.8	0.3
08-09	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.8	0.9	96.2	0.4
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.4	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.2	0.4
21-22	0.0	0.0	0.0	0.1	0.1	0.4	0.4	0.4	0.4	97.8	0.1
22-23	0.0	0.0	0.0	0.2	0.2	0.7	0.7	0.7	0.9	95.9	0.2
23-24	0.0	0.0	0.0	0.5	1.0	1.3	1.6	1.9	1.9	94.4	0.2

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in September between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.15: RVR RWY 28 (10) in September.

Runway Visual Range RWY 28 (10) in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.2	1.8	4.8	7.5	9.2	9.7	10.3	79.9	48.3
01-02	0.0	0.0	0.0	2.8	5.7	8.9	10.8	11.4	11.9	79.0	0.2
02-03	0.0	0.0	0.0	2.0	5.5	9.0	11.3	12.5	13.2	78.1	0.2
03-04	0.0	0.0	0.0	1.7	5.3	10.4	12.5	13.5	14.7	78.1	0.2
04-05	0.0	0.0	0.0	1.5	5.7	10.6	13.0	14.3	14.8	78.0	0.2
05-06	0.0	0.0	0.1	1.4	5.1	9.3	11.6	13.1	13.8	76.4	0.4
06-07	0.0	0.0	0.0	2.2	5.8	9.8	11.3	12.4	13.2	78.3	0.2
07-08	0.0	0.0	0.0	1.9	4.7	7.7	9.8	10.6	12.1	82.1	0.3
08-09	0.0	0.0	0.0	0.7	2.1	4.3	5.2	6.2	6.9	87.2	0.3
09-10	0.0	0.0	0.1	0.1	0.5	0.9	1.3	1.8	2.6	93.5	0.1
10-11	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.8	97.9	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	99.3	0.4
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.8	0.3
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	99.6	0.3
18-19	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.3	98.3	0.4
19-20	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.7	1.0	96.3	0.7
20-21	0.0	0.0	0.1	0.6	1.3	1.6	1.9	2.0	2.1	93.2	0.5
21-22	0.0	0.0	0.4	1.5	2.3	2.6	3.1	3.3	3.4	89.7	0.4
22-23	0.0	0.0	0.2	1.5	3.0	3.8	4.2	4.7	5.0	86.2	0.3
23-24	0.0	0.0	0.2	2.0	3.8	6.1	7.2	7.5	8.2	82.0	0.3

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.7% of all available observations in October between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.16: RVR RWY 28 (10) in October.

Runway Visual Range RWY 28 (10) in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m] < 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	1.3	4.7	6.7	9.2	10.0	10.7	83.3	47.5
01-02	0.0	0.0	0.0	1.0	4.0	6.8	8.8	9.9	10.8	83.0	0.2
02-03	0.0	0.0	0.2	1.2	3.3	7.1	9.5	10.7	11.6	83.0	0.3
03-04	0.0	0.0	0.2	1.0	3.7	7.5	9.8	10.6	11.3	83.1	0.2
04-05	0.0	0.0	0.1	1.0	3.7	6.8	8.9	9.9	10.9	82.5	0.2
05-06	0.0	0.0	0.0	0.7	2.7	6.4	8.7	9.9	10.6	82.8	0.3
06-07	0.0	0.0	0.1	1.3	3.5	6.1	7.8	8.8	9.5	83.1	0.5
07-08	0.0	0.0	0.1	1.5	3.7	6.4	7.7	8.4	9.6	84.3	0.2
08-09	0.0	0.0	0.1	1.3	3.0	5.4	6.4	7.4	8.5	86.8	0.2
09-10	0.0	0.0	0.0	0.7	1.2	2.0	2.8	3.2	4.4	90.2	0.3
10-11	0.0	0.0	0.0	0.0	0.2	0.6	1.3	1.5	2.4	94.1	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.7	1.7	96.4	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	97.9	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.6	98.4	0.7
14-15	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.4	0.7	98.4	0.4
15-16	0.0	0.0	0.0	0.3	0.6	0.7	0.7	0.7	0.7	97.6	0.5
16-17	0.0	0.0	0.0	0.4	0.7	1.0	1.2	1.2	1.3	97.0	0.3
17-18	0.0	0.0	0.0	0.4	0.8	1.4	1.9	2.0	2.1	96.3	0.6
18-19	0.0	0.0	0.0	0.2	1.1	1.9	2.3	2.4	2.6	94.3	0.4
19-20	0.0	0.0	0.0	0.4	1.3	2.6	2.9	3.0	3.1	92.6	1.6
20-21	0.0	0.0	0.0	0.4	1.9	3.6	4.2	4.5	5.0	90.0	0.4
21-22	0.0	0.0	0.0	0.7	2.6	4.8	5.6	6.1	6.6	88.5	0.4
22-23	0.0	0.0	0.0	1.1	3.3	6.1	7.3	8.0	8.4	87.5	0.3
23-24	0.0	0.0	0.0	0.8	3.5	6.2	7.4	8.3	8.9	85.1	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1% of all available observations in November between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.17: RVR RWY 28 (10) in November.

Runway Visual Range RWY 28 (10) in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m]										
	< 50	< 100	< 200	< 350	< 550	< 800	< 1000	< 1200	< 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.3	2.9	4.8	6.4	7.3	8.1	86.7	47.6
01-02	0.0	0.0	0.0	0.4	2.2	4.6	5.8	6.9	7.7	86.8	0.2
02-03	0.0	0.0	0.0	0.2	1.8	4.1	5.6	7.0	7.8	87.3	0.3
03-04	0.0	0.0	0.0	0.3	2.2	5.1	6.6	7.5	8.3	87.1	0.1
04-05	0.0	0.0	0.0	0.2	1.8	4.6	6.0	6.7	7.6	86.8	0.3
05-06	0.0	0.0	0.0	0.3	1.9	4.7	5.9	6.7	7.3	87.0	0.3
06-07	0.0	0.0	0.0	0.1	0.7	2.9	4.4	5.5	6.2	87.2	0.4
07-08	0.0	0.0	0.0	0.3	1.1	3.4	5.1	6.1	7.3	86.8	0.4
08-09	0.0	0.0	0.0	0.7	2.1	4.0	5.0	5.9	7.4	87.2	0.3
09-10	0.0	0.0	0.0	0.5	1.7	2.9	4.0	5.1	5.9	89.9	0.2
10-11	0.0	0.0	0.0	0.4	0.9	1.7	2.5	3.2	4.2	92.6	0.2
11-12	0.0	0.0	0.0	0.4	0.5	1.1	1.6	2.1	3.0	94.8	0.4
12-13	0.0	0.0	0.0	0.1	0.3	0.5	0.8	1.1	2.0	95.8	0.2
13-14	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.6	2.0	95.9	0.3
14-15	0.0	0.0	0.0	0.3	0.8	1.2	1.2	1.3	1.6	96.2	0.2
15-16	0.0	0.0	0.1	0.4	0.8	1.4	1.7	1.8	1.9	95.0	0.3
16-17	0.0	0.0	0.0	0.2	0.9	1.7	1.9	2.2	2.7	95.1	0.2
17-18	0.0	0.0	0.0	0.2	0.7	1.6	2.0	2.4	2.8	94.7	0.2
18-19	0.0	0.0	0.0	0.2	0.7	1.8	2.3	2.6	3.4	93.6	0.3
19-20	0.0	0.0	0.0	0.1	0.8	2.0	2.9	3.4	3.8	92.3	0.6
20-21	0.0	0.0	0.0	0.1	0.7	2.2	3.2	4.2	5.0	90.6	0.0
21-22	0.0	0.0	0.1	0.3	1.3	3.0	4.0	4.8	5.6	88.8	0.4
22-23	0.0	0.0	0.0	0.2	1.4	3.2	4.4	5.4	6.0	88.4	0.2
23-24	0.0	0.0	0.1	0.7	2.3	4.4	5.5	6.0	6.4	88.5	0.4

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: Not available METARs [%]. NS: Values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.3% of all available observations in December between 03-04 UTC showed a runway visual range< 350 m.

Figure 3.5.18: RVR RWY 28 (10) in December.

3.6 Ceiling

In the following tables the frequencies in percent of the base height of the lowest cloud layer of BKN or OVC extent below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.6.1 Hourly Ceiling 27 years

Ceiling during the 27 years period from 1994 - 2020,
measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.6	1.2	2.4	3.4	5.0	6.3	8.1	42.8	49.2	47.9
01-02	0.7	1.3	2.5	3.7	5.4	6.7	8.7	43.0	48.3	0.3
02-03	0.8	1.6	2.9	4.1	6.0	7.3	9.6	43.4	47.0	0.2
03-04	1.0	1.8	3.1	4.6	6.8	8.2	10.5	43.7	45.8	0.2
04-05	1.1	1.8	3.4	4.9	7.5	9.0	11.2	44.0	44.7	0.2
05-06	1.2	2.2	3.9	5.6	8.3	10.0	12.7	44.4	42.9	0.3
06-07	1.1	2.3	4.1	5.9	8.7	10.6	13.5	45.2	41.3	0.2
07-08	1.0	2.2	4.0	5.9	8.9	10.7	13.6	45.1	41.3	0.2
08-09	0.9	2.0	3.9	5.6	8.4	10.4	13.1	44.9	42.0	0.2
09-10	0.8	1.7	3.5	5.1	7.8	9.6	12.2	44.8	43.0	0.2
10-11	0.5	1.2	2.6	4.1	6.6	8.1	10.5	44.8	44.7	0.2
11-12	0.4	0.8	1.8	3.0	5.2	6.6	8.6	45.0	46.4	0.2
12-13	0.3	0.5	1.3	2.4	4.2	5.5	7.2	45.6	47.2	0.2
13-14	0.2	0.4	1.0	1.9	3.5	4.5	6.0	45.9	48.1	0.3
14-15	0.1	0.4	0.8	1.7	3.2	4.0	5.4	46.0	48.6	0.2
15-16	0.2	0.4	0.8	1.6	2.9	3.8	5.2	46.0	48.8	0.2
16-17	0.2	0.5	1.0	1.7	3.0	3.9	5.2	46.3	48.4	0.2
17-18	0.3	0.6	1.2	1.9	3.2	4.2	5.6	45.9	48.5	0.2
18-19	0.4	0.7	1.3	2.0	3.4	4.3	5.7	46.0	48.4	0.2
19-20	0.4	0.7	1.5	2.3	3.7	4.5	6.0	45.3	48.7	0.9
20-21	0.5	0.8	1.6	2.3	3.7	4.6	6.0	44.9	49.1	0.3
21-22	0.5	0.9	1.8	2.7	4.1	5.0	6.4	44.2	49.5	0.2
22-23	0.6	1.1	2.2	3.0	4.5	5.5	7.1	43.7	49.2	0.3
23-24	0.6	1.1	2.3	3.2	4.8	5.9	7.5	43.3	49.2	0.5

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.8% of all available observations between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.1: Hourly ceiling 27 years.

3.6.2 Monthly Ceiling 27 years

Ceiling during the 27 years period from 1994 - 2020,
measured in ZRH (METAR)

	Ceiling [ft]									
	< 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
January	1.1	2.8	6.0	9.0	14.0	17.0	21.4	50.0	28.6	2.5
February	0.4	0.9	1.8	2.8	5.1	7.0	9.7	50.0	40.4	2.8
March	0.1	0.2	0.4	0.7	1.8	2.7	4.4	45.6	50.0	2.2
April	0.0	0.1	0.2	0.4	1.1	1.8	3.1	44.1	52.8	2.4
May	0.1	0.1	0.2	0.4	0.9	1.6	2.8	46.9	50.2	2.1
June	0.0	0.1	0.1	0.2	0.6	0.8	1.3	42.9	55.8	2.1
July	0.1	0.1	0.2	0.2	0.4	0.6	1.1	38.8	60.1	2.2
August	0.1	0.2	0.3	0.5	0.8	1.1	1.5	38.8	59.7	2.1
September	0.3	0.5	0.9	1.5	2.3	3.0	4.0	41.8	54.3	2.1
October	1.0	1.8	3.4	5.2	8.0	9.7	12.0	43.1	44.9	2.2
November	1.8	3.5	6.2	9.2	13.7	16.2	19.7	45.8	34.5	2.3
December	2.1	3.9	7.6	10.9	15.7	18.1	21.8	50.1	28.0	2.1

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.1% of all available observations in April showed a base height
of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.2: Monthly ceiling 27 years.

3.6.3 Hourly Ceiling per Season

Ceiling in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	1.6	3.3	6.2	8.3	12.1	14.4	17.3	48.5	34.1	47.8
01-02	1.5	3.2	6.2	8.6	12.2	14.5	18.1	49.0	32.9	0.5
02-03	1.9	3.8	6.8	9.3	13.0	15.7	20.1	48.5	31.3	0.4
03-04	1.9	3.9	7.0	9.8	14.1	16.8	20.9	47.9	31.2	0.4
04-05	1.6	3.3	6.8	9.7	14.5	17.3	21.2	48.0	30.8	0.5
05-06	2.0	4.1	7.3	10.4	14.8	17.9	22.6	48.8	28.6	0.5
06-07	1.9	4.1	7.5	10.7	15.3	18.6	23.5	49.3	27.3	0.4
07-08	1.5	3.9	7.5	10.6	15.3	17.9	22.1	50.3	27.6	0.6
08-09	1.4	3.4	7.3	10.6	15.6	18.2	22.0	49.8	28.2	0.5
09-10	1.1	2.8	6.9	10.3	15.4	18.0	22.4	50.1	27.5	0.5
10-11	1.0	2.1	5.6	9.1	13.9	16.7	21.0	50.5	28.5	0.4
11-12	0.9	1.9	4.5	7.7	12.4	15.2	19.1	51.5	29.5	0.6
12-13	0.7	1.3	3.3	6.2	10.4	13.0	16.5	51.9	31.5	0.5
13-14	0.5	1.2	2.8	5.2	9.1	11.4	14.4	52.5	33.0	0.5
14-15	0.4	1.1	2.4	4.6	8.4	10.3	13.0	53.0	34.0	0.5
15-16	0.5	1.2	2.4	4.4	7.9	10.0	13.0	52.5	34.6	0.5
16-17	0.6	1.5	3.0	4.6	8.3	10.3	13.1	52.1	34.8	0.4
17-18	0.8	1.7	3.4	5.2	8.8	11.3	14.4	50.8	34.8	0.5
18-19	1.0	1.9	4.0	5.8	9.4	11.6	14.7	50.2	35.1	0.5
19-20	1.2	2.1	4.5	6.3	9.7	11.9	15.2	49.0	35.8	1.0
20-21	1.3	2.5	4.4	6.4	9.7	11.8	14.8	49.4	35.8	0.4
21-22	1.4	2.7	5.0	7.0	10.4	12.4	15.7	49.0	35.3	0.4
22-23	1.5	2.8	5.6	7.4	11.2	13.7	16.9	48.7	34.4	0.4
23-24	1.4	3.1	5.9	7.8	11.4	13.8	17.1	48.6	34.3	0.7

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 14.1% of all available observations in Winter (DJF) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.3: Hourly ceiling in Winter.

Ceiling in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.2	0.2	0.8	1.7	3.1	42.4	54.6	48.0
01-02	0.0	0.1	0.2	0.4	1.2	2.2	3.4	43.0	53.5	0.2
02-03	0.0	0.1	0.2	0.5	1.5	2.2	3.9	43.5	52.7	0.2
03-04	0.1	0.2	0.4	0.8	1.9	3.1	4.5	43.8	51.7	0.2
04-05	0.2	0.3	0.5	1.2	2.5	3.9	5.5	44.4	50.1	0.2
05-06	0.2	0.5	1.0	1.5	3.2	4.5	6.7	44.5	48.8	0.2
06-07	0.2	0.5	1.1	1.7	3.4	4.8	7.2	45.3	47.5	0.1
07-08	0.3	0.5	1.1	1.8	3.5	5.0	7.9	45.4	46.7	0.2
08-09	0.0	0.2	0.6	1.2	2.4	4.0	6.9	45.6	47.5	0.3
09-10	0.2	0.3	0.4	0.8	1.7	2.9	5.2	45.7	49.1	0.2
10-11	0.0	0.1	0.2	0.4	1.1	1.8	3.7	45.9	50.3	0.2
11-12	0.0	0.0	0.0	0.2	0.7	1.1	2.4	46.5	51.2	0.1
12-13	0.0	0.0	0.0	0.1	0.6	1.0	2.0	47.8	50.3	0.3
13-14	0.0	0.0	0.0	0.1	0.4	0.8	1.7	47.9	50.4	0.2
14-15	0.0	0.0	0.0	0.0	0.4	0.8	1.5	48.5	50.0	0.2
15-16	0.0	0.0	0.0	0.0	0.3	0.7	1.6	47.7	50.7	0.2
16-17	0.0	0.0	0.0	0.0	0.3	0.7	1.5	48.3	50.2	0.1
17-18	0.0	0.0	0.0	0.1	0.2	0.7	1.3	48.1	50.6	0.1
18-19	0.0	0.0	0.0	0.1	0.3	0.8	1.5	47.5	51.0	0.1
19-20	0.0	0.0	0.0	0.2	0.5	0.9	1.8	46.5	51.7	1.0
20-21	0.0	0.0	0.1	0.2	0.5	0.9	2.0	44.9	53.1	0.2
21-22	0.0	0.0	0.1	0.3	0.8	1.4	2.0	43.7	54.4	0.2
22-23	0.0	0.0	0.1	0.3	0.7	1.4	2.4	42.5	55.1	0.3
23-24	0.0	0.1	0.2	0.3	1.1	1.6	2.7	42.6	54.8	0.4

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.9% of all available observations in Spring (MAM) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.4: Hourly ceiling in Spring.

Ceiling in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.1	0.1	0.2	0.5	0.8	1.2	38.6	60.2	47.9
01-02	0.1	0.2	0.2	0.3	0.6	0.8	1.3	38.3	60.4	0.1
02-03	0.1	0.1	0.2	0.3	0.8	1.0	1.4	39.1	59.5	0.1
03-04	0.1	0.2	0.4	0.7	1.1	1.5	2.0	40.2	57.8	0.1
04-05	0.2	0.3	0.5	0.9	1.6	2.1	2.7	40.3	57.1	0.1
05-06	0.4	0.6	0.9	1.6	2.6	3.3	4.3	40.4	55.4	0.2
06-07	0.4	0.8	1.4	1.8	3.3	4.2	5.2	40.6	54.2	0.1
07-08	0.1	0.3	0.7	1.0	2.2	3.2	4.4	39.7	55.9	0.0
08-09	0.0	0.0	0.1	0.2	0.7	1.5	2.6	39.0	58.4	0.0
09-10	0.0	0.0	0.0	0.0	0.3	0.7	1.4	38.6	60.0	0.1
10-11	0.0	0.0	0.0	0.0	0.2	0.3	0.7	38.4	60.9	0.1
11-12	0.0	0.0	0.0	0.0	0.1	0.2	0.5	37.1	62.4	0.2
12-13	0.0	0.0	0.0	0.0	0.1	0.1	0.4	37.7	61.9	0.1
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.2	38.8	61.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.3	38.9	60.9	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.2	40.4	59.4	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.2	41.9	57.9	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.1	0.1	42.8	57.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	0.2	43.1	56.7	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	43.6	56.2	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.1	0.2	43.0	56.8	0.1
21-22	0.0	0.0	0.0	0.0	0.1	0.1	0.4	41.6	58.0	0.1
22-23	0.0	0.0	0.1	0.1	0.2	0.2	0.4	41.1	58.5	0.2
23-24	0.0	0.1	0.1	0.2	0.3	0.4	0.7	39.9	59.4	0.4

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.1% of all available observations in Summer (JJA) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.5: Hourly ceiling in Summer.

Ceiling in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.8	1.6	3.2	5.0	6.9	8.4	10.8	41.7	47.5	47.9
01-02	1.0	1.9	3.5	5.5	7.7	9.5	12.3	41.8	45.9	0.3
02-03	1.3	2.4	4.4	6.3	9.0	10.5	13.1	42.7	44.2	0.2
03-04	1.8	3.1	4.8	7.0	10.3	11.8	14.6	43.0	42.4	0.1
04-05	2.2	3.4	5.7	8.0	11.5	13.1	15.8	43.6	40.6	0.1
05-06	2.2	3.7	6.4	9.1	12.8	14.7	17.6	43.9	38.5	0.2
06-07	2.1	3.9	6.7	9.5	13.1	15.3	18.3	45.7	36.0	0.2
07-08	2.4	4.1	6.8	10.2	14.7	17.0	20.4	45.0	34.6	0.2
08-09	2.2	4.4	7.5	10.5	15.1	18.1	21.4	45.2	33.4	0.1
09-10	1.8	3.6	6.7	9.5	14.1	16.9	20.1	44.9	35.0	0.1
10-11	1.1	2.6	4.6	7.1	11.2	13.7	16.9	44.3	38.8	0.1
11-12	0.6	1.4	2.8	4.4	8.0	10.1	12.6	45.1	42.3	0.1
12-13	0.4	0.8	2.0	3.3	6.0	8.2	10.2	45.1	44.7	0.2
13-14	0.1	0.4	1.1	2.3	4.5	6.0	7.9	44.7	47.5	0.3
14-15	0.2	0.4	1.0	2.1	4.0	5.0	6.8	44.0	49.2	0.2
15-16	0.2	0.4	1.0	2.0	3.4	4.8	6.2	43.4	50.3	0.2
16-17	0.2	0.6	1.2	2.1	3.6	4.8	6.4	43.1	50.5	0.2
17-18	0.3	0.7	1.5	2.3	3.9	5.0	6.7	41.9	51.4	0.2
18-19	0.5	0.8	1.4	2.3	4.0	5.0	6.4	43.2	50.4	0.2
19-20	0.5	0.9	1.6	2.7	4.6	5.4	6.9	42.2	50.9	1.0
20-21	0.5	1.0	1.8	2.8	4.9	5.7	7.0	42.5	50.5	0.3
21-22	0.6	1.1	2.2	3.4	5.2	6.2	7.6	42.4	50.0	0.2
22-23	0.8	1.4	2.9	4.4	6.2	7.0	9.0	42.5	48.5	0.3
23-24	0.8	1.4	3.2	4.7	6.8	8.1	9.8	42.3	47.9	0.3

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 10.3% of all available observations in Autumn (SON) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.6: Hourly ceiling in Autumn.

3.6.4 Hourly Ceiling per Month

Ceiling in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	1.7	4.4	7.2	10.3	14.9	17.6	21.0	50.7	28.3	47.6
01-02	1.5	3.9	7.4	10.6	15.3	18.0	23.0	49.4	27.6	0.6
02-03	1.9	4.3	7.7	11.0	15.5	18.7	23.9	48.4	27.7	0.4
03-04	1.7	4.3	8.2	11.2	16.6	19.4	24.5	48.0	27.4	0.5
04-05	1.3	3.8	8.1	11.3	17.3	20.1	24.5	47.8	27.7	0.5
05-06	1.9	4.9	9.2	12.5	18.0	21.1	26.1	48.1	25.8	0.5
06-07	2.2	5.4	9.8	13.4	17.9	21.9	27.7	48.0	24.3	0.5
07-08	1.7	4.9	9.8	12.7	18.2	21.3	26.1	48.3	25.5	0.6
08-09	1.6	3.8	8.7	13.3	18.1	20.7	25.3	48.9	25.8	0.4
09-10	1.1	2.9	7.5	11.9	17.5	20.7	26.2	48.9	24.9	0.4
10-11	0.7	1.8	5.8	10.5	15.8	19.4	24.7	50.4	25.0	0.5
11-12	0.8	1.9	4.9	9.2	14.7	18.0	22.1	51.1	26.8	0.5
12-13	0.7	1.5	3.3	7.0	12.5	16.0	20.1	50.3	29.6	0.4
13-14	0.4	1.3	2.6	5.6	10.3	13.5	17.9	51.8	30.3	0.5
14-15	0.4	1.3	2.3	5.3	9.8	12.7	16.6	52.6	30.8	0.4
15-16	0.4	1.3	2.6	4.7	9.5	12.2	16.0	51.7	32.4	0.5
16-17	0.4	1.1	3.0	4.7	9.2	12.0	15.9	52.2	31.9	0.5
17-18	0.5	0.9	3.3	5.3	9.7	12.8	16.7	51.9	31.4	0.4
18-19	0.5	1.3	4.1	6.3	11.1	13.8	18.5	51.1	30.4	0.6
19-20	1.0	2.0	5.0	7.4	11.9	14.5	19.4	49.1	31.6	1.0
20-21	1.0	2.3	4.9	7.4	11.9	14.8	18.8	49.8	31.4	0.5
21-22	1.3	2.8	5.9	8.3	13.4	15.6	19.0	50.2	30.9	0.5
22-23	1.8	3.1	6.4	8.5	13.8	16.9	20.3	50.0	29.7	0.5
23-24	1.4	3.8	6.7	8.9	13.4	16.7	20.3	51.2	28.6	0.7

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 16.6% of all available observations in January between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.7: Hourly ceiling in January.

Ceiling in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.8	1.1	2.0	2.7	5.6	6.9	8.8	46.7	44.4	48.1
01-02	0.3	0.8	2.0	2.9	4.7	6.8	9.2	48.8	42.0	0.7
02-03	0.7	1.3	2.9	3.8	6.1	9.0	12.6	47.7	39.7	0.7
03-04	0.6	1.5	2.8	4.4	7.1	9.9	13.2	47.0	39.8	0.7
04-05	0.1	0.7	2.5	3.8	7.7	9.7	12.8	48.0	39.2	0.8
05-06	0.5	1.9	3.1	5.0	8.1	10.6	14.5	50.4	35.0	0.7
06-07	0.8	2.2	3.4	5.5	9.1	11.6	15.3	52.1	32.6	0.7
07-08	0.6	2.2	3.6	5.7	8.4	10.4	13.5	54.1	32.5	0.7
08-09	0.8	2.1	3.8	5.8	9.5	12.2	14.8	51.5	33.6	1.0
09-10	0.5	1.5	3.2	5.5	8.9	11.4	14.9	52.1	33.0	0.8
10-11	0.8	1.1	3.0	4.7	8.2	10.1	13.3	51.7	35.0	0.7
11-12	0.4	0.8	1.9	3.0	5.6	7.8	11.4	51.1	37.4	0.9
12-13	0.2	0.3	0.5	2.0	3.8	5.1	7.9	51.9	40.1	0.9
13-14	0.1	0.2	0.5	1.4	2.8	4.1	6.5	51.3	42.2	0.7
14-15	0.0	0.2	0.3	0.7	2.2	3.4	5.2	52.6	42.2	0.9
15-16	0.1	0.2	0.2	0.7	1.7	3.3	5.1	51.7	43.2	0.7
16-17	0.0	0.1	0.2	0.7	2.1	3.3	5.1	51.4	43.6	0.7
17-18	0.1	0.2	0.4	0.9	1.9	3.8	5.7	49.2	45.1	0.8
18-19	0.1	0.5	0.8	1.1	2.6	4.0	5.9	48.5	45.6	0.7
19-20	0.3	0.4	0.9	1.4	3.2	4.8	6.8	48.2	44.9	1.4
20-21	0.3	0.4	1.0	1.4	3.0	4.4	6.3	48.5	45.2	0.8
21-22	0.3	0.3	1.1	1.5	3.0	4.6	6.9	48.0	45.1	0.6
22-23	0.3	0.7	1.6	1.9	3.6	5.3	7.6	48.7	43.7	0.7
23-24	0.2	0.5	1.3	1.7	3.9	5.3	8.1	46.4	45.5	1.2

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 7.1% of all available observations in February between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.8: Hourly ceiling in February.

Ceiling in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.9	1.6	3.5	45.8	50.6	47.5
01-02	0.0	0.1	0.2	0.3	1.3	2.4	4.1	45.1	50.7	0.2
02-03	0.0	0.1	0.2	0.3	1.9	2.7	4.6	44.4	51.0	0.1
03-04	0.0	0.1	0.3	0.7	1.9	3.1	4.8	43.8	51.3	0.0
04-05	0.1	0.2	0.4	1.1	2.7	3.8	6.1	43.9	50.0	0.2
05-06	0.1	0.4	0.8	1.5	3.3	4.4	7.1	45.6	47.4	0.1
06-07	0.4	0.5	1.3	2.1	4.4	5.7	8.0	47.9	44.1	0.0
07-08	0.4	0.8	1.5	2.4	4.9	6.2	8.9	46.8	44.3	0.2
08-09	0.1	0.5	1.2	2.5	4.4	6.2	9.3	45.6	45.1	0.4
09-10	0.5	0.8	1.2	2.1	3.8	5.1	8.4	45.7	45.9	0.1
10-11	0.1	0.2	0.4	1.0	2.4	3.4	5.9	46.1	48.0	0.1
11-12	0.0	0.0	0.0	0.4	1.3	2.1	3.6	47.6	48.8	0.1
12-13	0.0	0.0	0.0	0.2	0.7	1.5	2.9	46.5	50.6	0.3
13-14	0.0	0.0	0.0	0.1	0.7	1.2	2.5	45.9	51.6	0.2
14-15	0.0	0.0	0.0	0.0	0.7	0.9	1.8	47.1	51.1	0.2
15-16	0.0	0.0	0.0	0.0	0.5	1.1	2.6	45.2	52.2	0.0
16-17	0.0	0.0	0.1	0.1	0.5	1.1	2.2	46.2	51.7	0.1
17-18	0.0	0.0	0.0	0.2	0.4	1.0	1.7	47.2	51.0	0.1
18-19	0.0	0.0	0.1	0.2	0.5	0.9	1.9	46.0	52.2	0.0
19-20	0.0	0.0	0.0	0.4	1.1	1.5	2.7	44.6	52.7	1.0
20-21	0.0	0.0	0.2	0.5	1.0	1.8	3.1	44.5	52.5	0.2
21-22	0.0	0.1	0.2	0.7	1.5	2.3	2.7	44.4	52.9	0.4
22-23	0.1	0.1	0.3	0.4	1.2	2.2	3.4	43.6	52.9	0.5
23-24	0.0	0.2	0.2	0.4	1.5	2.2	3.4	44.2	52.4	0.3

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.9% of all available observations in March between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.9: Hourly ceiling in March.

Ceiling in April during the 27 years period from 1994 - 2020,
measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.4	0.5	1.1	1.8	3.0	38.2	58.8	48.5
01-02	0.0	0.1	0.2	0.4	1.3	2.2	3.3	40.2	56.5	0.4
02-03	0.0	0.1	0.2	0.8	1.7	2.4	3.7	42.6	53.7	0.4
03-04	0.0	0.1	0.2	0.8	1.9	3.0	4.3	41.6	54.1	0.4
04-05	0.1	0.1	0.3	1.0	2.2	3.7	5.5	42.6	51.9	0.2
05-06	0.3	0.5	0.9	1.2	3.0	4.5	6.8	42.3	50.9	0.4
06-07	0.2	0.4	0.7	1.0	2.7	4.0	6.4	42.7	50.9	0.4
07-08	0.2	0.3	0.9	1.1	2.7	4.3	8.0	43.0	49.0	0.4
08-09	0.0	0.1	0.4	0.7	1.6	3.2	6.4	44.4	49.2	0.4
09-10	0.0	0.0	0.1	0.4	1.1	2.1	4.6	43.4	51.9	0.2
10-11	0.0	0.0	0.1	0.2	0.9	1.2	2.9	43.8	53.3	0.3
11-12	0.0	0.0	0.1	0.1	0.7	0.9	2.1	43.7	54.2	0.3
12-13	0.0	0.0	0.0	0.1	0.7	0.9	1.9	46.8	51.4	0.4
13-14	0.0	0.0	0.0	0.1	0.4	0.7	1.7	47.0	51.4	0.4
14-15	0.0	0.0	0.0	0.1	0.3	0.7	1.6	47.5	50.9	0.4
15-16	0.0	0.0	0.0	0.1	0.3	0.4	1.1	47.8	51.1	0.4
16-17	0.0	0.0	0.0	0.0	0.4	0.4	0.9	49.2	49.9	0.2
17-18	0.0	0.0	0.0	0.0	0.3	0.6	1.0	47.6	51.4	0.2
18-19	0.0	0.0	0.0	0.0	0.1	0.7	0.9	47.1	51.9	0.2
19-20	0.0	0.0	0.0	0.1	0.2	0.5	0.8	46.1	53.1	1.2
20-21	0.0	0.0	0.0	0.0	0.2	0.5	0.9	43.7	55.4	0.3
21-22	0.0	0.0	0.0	0.1	0.5	0.9	1.4	42.4	56.2	0.2
22-23	0.0	0.0	0.1	0.3	0.7	1.2	1.9	40.8	57.3	0.5
23-24	0.0	0.0	0.4	0.5	1.1	1.6	2.1	41.7	56.2	0.7

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.9% of all available observations in April between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.10: Hourly ceiling in April.

Ceiling in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.1	0.1	0.1	0.5	1.6	2.6	42.8	54.5	48.1
01-02	0.1	0.2	0.3	0.5	1.0	2.0	2.9	43.6	53.4	0.1
02-03	0.1	0.1	0.2	0.4	0.9	1.6	3.2	43.4	53.4	0.1
03-04	0.2	0.5	0.7	1.1	1.9	3.1	4.3	45.8	49.9	0.1
04-05	0.4	0.6	0.8	1.5	2.7	4.2	4.9	46.6	48.5	0.1
05-06	0.3	0.8	1.4	1.8	3.4	4.4	6.2	45.7	48.2	0.1
06-07	0.2	0.5	1.2	2.0	3.2	4.5	7.1	45.2	47.6	0.1
07-08	0.2	0.5	1.0	2.0	2.9	4.5	6.8	46.4	46.8	0.0
08-09	0.0	0.0	0.2	0.4	1.3	2.7	4.8	46.8	48.3	0.0
09-10	0.0	0.0	0.0	0.0	0.3	1.5	2.6	47.8	49.6	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.8	2.3	47.9	49.8	0.2
11-12	0.0	0.0	0.0	0.0	0.2	0.4	1.4	48.0	50.6	0.1
12-13	0.0	0.0	0.0	0.0	0.2	0.6	1.1	50.0	48.9	0.1
13-14	0.0	0.0	0.0	0.0	0.2	0.4	1.0	50.7	48.2	0.2
14-15	0.0	0.0	0.0	0.0	0.2	0.7	1.1	50.8	48.0	0.0
15-16	0.0	0.0	0.0	0.0	0.2	0.6	1.0	50.2	48.7	0.1
16-17	0.0	0.0	0.0	0.0	0.1	0.8	1.3	49.5	49.2	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.7	1.2	49.6	49.3	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.8	1.7	49.4	48.8	0.1
19-20	0.0	0.0	0.0	0.0	0.2	0.8	1.9	48.8	49.3	0.8
20-21	0.0	0.0	0.0	0.0	0.2	0.5	2.0	46.5	51.6	0.0
21-22	0.0	0.0	0.0	0.1	0.4	0.8	1.8	44.2	54.0	0.1
22-23	0.0	0.0	0.0	0.1	0.2	0.6	1.9	43.1	55.0	0.0
23-24	0.0	0.0	0.0	0.1	0.5	1.0	2.5	41.8	55.6	0.4

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.9% of all available observations in May between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.11: Hourly ceiling in May.

Ceiling in June during the 27 years period from 1994 - 2020,
measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.1	0.1	0.2	0.2	0.6	1.2	2.0	40.9	57.1	47.7
01-02	0.0	0.0	0.0	0.2	0.6	1.2	1.9	40.5	57.6	0.1
02-03	0.0	0.0	0.0	0.2	1.1	1.4	1.8	41.0	57.2	0.1
03-04	0.1	0.2	0.4	0.8	1.5	1.8	2.3	42.8	54.8	0.0
04-05	0.3	0.3	0.5	1.1	1.7	2.5	3.3	41.9	54.8	0.1
05-06	0.1	0.3	0.6	1.2	2.3	3.1	4.1	42.3	53.6	0.1
06-07	0.3	0.6	0.9	1.1	3.0	4.0	5.4	42.3	52.3	0.1
07-08	0.1	0.1	0.2	0.4	1.3	2.2	3.6	41.1	55.3	0.0
08-09	0.0	0.0	0.0	0.1	0.2	0.7	1.9	41.0	57.2	0.1
09-10	0.0	0.0	0.0	0.0	0.2	0.3	1.2	42.1	56.7	0.1
10-11	0.0	0.0	0.0	0.0	0.3	0.4	0.7	41.5	57.8	0.1
11-12	0.0	0.0	0.0	0.0	0.2	0.4	0.6	40.0	59.5	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.2	0.4	39.6	60.0	0.2
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.2	40.2	59.6	0.1
14-15	0.0	0.0	0.0	0.0	0.1	0.1	0.1	43.3	56.6	0.1
15-16	0.0	0.0	0.0	0.0	0.1	0.1	0.1	44.3	55.5	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	45.7	54.2	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.7	53.3	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.1	47.3	52.6	0.1
19-20	0.0	0.0	0.0	0.0	0.1	0.1	0.2	48.1	51.7	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.1	0.1	48.1	51.8	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.6	44.5	55.0	0.2
22-23	0.0	0.0	0.0	0.0	0.1	0.1	0.5	43.1	56.4	0.1
23-24	0.0	0.0	0.0	0.1	0.3	0.4	0.9	41.0	58.1	0.2

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.5% of all available observations in June between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.12: Hourly ceiling in June.

Ceiling in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.6	0.8	1.1	38.4	60.4	47.8
01-02	0.2	0.2	0.2	0.2	0.5	0.6	0.9	38.7	60.4	0.2
02-03	0.2	0.2	0.2	0.2	0.6	0.8	1.1	39.3	59.6	0.1
03-04	0.1	0.1	0.1	0.2	0.4	0.5	1.4	39.4	59.2	0.1
04-05	0.2	0.2	0.2	0.4	0.7	0.9	1.3	39.1	59.5	0.2
05-06	0.2	0.4	0.7	1.0	1.9	2.3	3.2	39.0	57.8	0.2
06-07	0.2	0.7	1.5	1.6	2.6	3.3	4.4	39.7	55.9	0.2
07-08	0.1	0.3	0.6	0.7	1.7	2.9	4.2	38.5	57.3	0.1
08-09	0.0	0.0	0.1	0.2	0.5	1.6	2.5	37.4	60.1	0.0
09-10	0.0	0.0	0.0	0.0	0.2	0.9	1.4	36.3	62.3	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.2	0.5	37.4	62.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.4	36.8	62.9	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.3	36.7	63.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.2	37.7	62.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.5	36.2	63.3	0.1
15-16	0.0	0.0	0.0	0.0	0.1	0.1	0.3	37.7	62.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.2	38.6	61.2	0.2
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.1	41.0	58.9	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.1	40.4	59.4	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	41.4	58.4	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.2	41.2	58.6	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.3	40.2	59.5	0.2
22-23	0.0	0.0	0.1	0.1	0.1	0.2	0.2	40.5	59.3	0.3
23-24	0.1	0.1	0.2	0.3	0.3	0.4	0.4	40.1	59.6	0.5

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in July between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.13: Hourly ceiling in July.

Ceiling in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.1	0.1	0.1	0.3	0.5	0.5	36.7	62.8	48.1
01-02	0.2	0.4	0.4	0.4	0.6	0.8	1.2	35.8	63.0	0.2
02-03	0.2	0.2	0.3	0.5	0.7	0.8	1.4	37.0	61.6	0.1
03-04	0.1	0.2	0.6	1.0	1.6	2.1	2.4	38.4	59.2	0.2
04-05	0.2	0.5	0.8	1.3	2.3	3.0	3.5	39.8	56.7	0.1
05-06	0.8	1.2	1.6	2.5	3.6	4.4	5.4	39.9	54.7	0.1
06-07	0.6	1.0	1.9	2.7	4.2	5.2	5.8	39.8	54.4	0.1
07-08	0.1	0.5	1.3	2.0	3.4	4.4	5.4	39.5	55.1	0.1
08-09	0.0	0.0	0.1	0.3	1.5	2.2	3.3	38.8	57.8	0.0
09-10	0.0	0.0	0.0	0.0	0.4	0.8	1.4	37.5	61.0	0.2
10-11	0.0	0.0	0.0	0.0	0.2	0.4	0.9	36.5	62.6	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.1	0.6	34.6	64.8	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.2	0.4	37.0	62.6	0.0
13-14	0.0	0.0	0.0	0.0	0.1	0.1	0.2	38.4	61.4	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.1	0.2	37.2	62.6	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.2	39.2	60.5	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.2	41.6	58.3	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	0.3	40.9	58.8	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.2	0.4	41.7	57.9	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.2	0.4	41.5	58.2	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.2	0.3	39.9	59.8	0.3
21-22	0.0	0.0	0.1	0.1	0.2	0.3	0.4	40.4	59.2	0.1
22-23	0.0	0.1	0.2	0.2	0.4	0.4	0.5	39.8	59.7	0.3
23-24	0.0	0.1	0.2	0.2	0.3	0.4	0.8	38.6	60.6	0.4

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.6% of all available observations in August between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.14: Hourly ceiling in August.

Ceiling in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.5	0.7	1.5	2.4	40.3	57.3	47.9
01-02	0.0	0.0	0.2	0.7	1.1	1.8	3.3	40.1	56.6	0.3
02-03	0.3	0.4	0.7	1.2	2.3	2.7	3.9	41.4	54.7	0.0
03-04	0.4	0.9	1.2	1.8	3.0	3.8	5.1	41.5	53.4	0.1
04-05	0.9	1.2	2.5	3.2	4.8	5.9	7.4	41.6	51.0	0.1
05-06	0.7	1.7	2.6	4.4	6.1	7.7	9.0	43.0	48.1	0.1
06-07	1.0	2.1	3.3	5.1	7.4	9.2	10.6	45.5	43.9	0.2
07-08	1.3	2.0	3.6	5.5	8.8	11.0	12.9	44.1	43.0	0.2
08-09	1.5	2.9	4.1	5.7	8.3	10.7	13.4	44.2	42.4	0.1
09-10	0.2	1.1	2.5	3.3	5.6	6.7	8.7	43.8	47.5	0.0
10-11	0.0	0.1	0.4	1.2	2.3	3.3	4.7	42.7	52.6	0.1
11-12	0.0	0.0	0.0	0.4	1.0	1.5	2.7	43.1	54.2	0.1
12-13	0.0	0.0	0.1	0.1	0.3	0.7	1.9	42.1	56.0	0.1
13-14	0.0	0.0	0.0	0.0	0.1	0.3	1.0	41.7	57.3	0.1
14-15	0.0	0.0	0.1	0.1	0.1	0.1	0.6	39.8	59.7	0.1
15-16	0.0	0.0	0.1	0.1	0.1	0.1	0.4	40.7	58.9	0.1
16-17	0.0	0.0	0.0	0.1	0.2	0.3	0.6	40.2	59.2	0.1
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.4	40.2	59.5	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.1	0.3	41.5	58.2	0.1
19-20	0.0	0.0	0.0	0.1	0.1	0.1	0.8	40.4	58.8	0.7
20-21	0.0	0.0	0.0	0.0	0.1	0.2	0.7	41.1	58.2	0.2
21-22	0.0	0.0	0.0	0.1	0.2	0.2	0.7	40.5	58.8	0.1
22-23	0.1	0.1	0.1	0.2	0.7	0.8	1.1	40.7	58.2	0.2
23-24	0.1	0.3	0.3	0.7	1.0	1.5	1.7	41.2	57.1	0.2

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3% of all available observations in September between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.15: Hourly ceiling in September.

Ceiling in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	0.7	1.2	2.5	4.6	6.6	7.7	10.0	41.1	48.8	48.3
01-02	1.1	1.7	3.5	5.7	7.8	9.8	12.5	41.7	45.8	0.2
02-03	1.3	2.0	4.8	6.6	9.8	11.3	13.6	42.6	43.7	0.2
03-04	2.5	3.3	5.1	7.9	11.4	13.2	15.7	43.9	40.5	0.2
04-05	2.5	3.6	6.5	9.2	12.7	14.0	16.5	44.6	38.9	0.2
05-06	2.2	3.3	7.3	9.9	13.5	15.0	18.2	43.9	37.9	0.3
06-07	2.1	3.8	7.6	10.8	13.6	15.8	19.5	45.5	35.0	0.2
07-08	2.7	4.5	7.5	12.0	15.9	18.0	22.2	44.9	32.9	0.2
08-09	2.5	5.1	8.8	12.1	17.3	20.4	23.9	45.0	31.1	0.1
09-10	2.3	4.5	7.8	11.8	16.3	20.2	23.7	44.0	32.3	0.1
10-11	1.5	3.2	4.7	7.7	12.6	15.8	19.1	43.8	37.1	0.1
11-12	0.4	1.1	2.3	3.4	8.0	10.8	13.2	44.6	42.2	0.2
12-13	0.1	0.1	1.1	1.8	4.8	7.4	9.2	43.9	46.9	0.3
13-14	0.0	0.1	0.3	1.1	3.1	4.7	6.5	43.0	50.4	0.2
14-15	0.0	0.0	0.2	0.9	2.5	3.5	5.4	43.1	51.5	0.2
15-16	0.0	0.0	0.2	0.8	2.1	3.2	4.4	42.5	53.0	0.2
16-17	0.1	0.2	0.4	0.9	2.5	3.7	5.0	42.7	52.3	0.2
17-18	0.2	0.3	0.6	1.1	2.8	3.8	5.5	41.0	53.5	0.1
18-19	0.3	0.4	0.6	1.1	3.1	4.1	5.3	42.3	52.4	0.2
19-20	0.4	0.5	0.8	1.7	4.1	4.8	6.1	41.2	52.7	0.7
20-21	0.4	0.5	1.4	2.0	4.1	5.0	6.8	41.1	52.1	0.4
21-22	0.4	0.8	1.7	2.9	4.4	5.5	7.1	42.5	50.4	0.2
22-23	0.4	1.0	2.4	3.8	5.2	6.2	8.1	42.9	49.0	0.3
23-24	0.4	0.9	2.3	4.0	6.0	7.1	8.7	41.7	49.6	0.3

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 11.4% of all available observations in October between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.16: Hourly ceiling in October.

Ceiling in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	1.6	3.5	6.9	9.9	13.3	15.9	20.0	43.6	36.4	47.5
01-02	1.9	4.1	6.9	9.9	14.3	17.0	21.2	43.6	35.2	0.2
02-03	2.4	4.9	7.7	11.0	15.0	17.4	21.7	44.1	34.2	0.3
03-04	2.7	5.1	8.1	11.4	16.5	18.4	23.1	43.6	33.3	0.2
04-05	3.3	5.3	8.1	11.7	16.9	19.3	23.5	44.4	32.1	0.1
05-06	3.8	6.2	9.3	13.0	18.8	21.4	25.6	44.9	29.5	0.2
06-07	3.3	5.6	9.2	12.4	18.2	20.9	24.6	46.3	29.1	0.3
07-08	3.1	5.7	9.1	13.1	19.3	22.1	26.1	46.0	27.9	0.1
08-09	2.7	5.3	9.6	13.7	19.6	23.1	26.8	46.4	26.8	0.1
09-10	2.7	5.1	9.7	13.5	20.4	23.7	27.8	47.1	25.1	0.2
10-11	1.9	4.6	8.8	12.3	18.7	21.9	26.7	46.5	26.8	0.2
11-12	1.4	3.1	6.2	9.6	15.0	17.9	22.0	47.6	30.5	0.2
12-13	1.2	2.3	4.8	8.0	12.9	16.4	19.4	49.3	31.2	0.3
13-14	0.4	1.2	3.0	6.0	10.3	12.9	16.2	49.4	34.4	0.7
14-15	0.6	1.3	2.9	5.3	9.5	11.4	14.6	49.1	36.3	0.4
15-16	0.7	1.3	2.7	5.3	7.9	11.2	13.9	47.1	39.0	0.4
16-17	0.6	1.7	3.2	5.3	8.2	10.5	13.7	46.3	40.1	0.3
17-18	0.8	1.9	3.8	5.7	8.7	11.2	14.4	44.6	41.0	0.5
18-19	1.1	2.0	3.6	5.8	8.9	10.9	13.7	45.8	40.5	0.4
19-20	1.1	2.2	3.9	6.4	9.8	11.3	13.8	45.1	41.1	1.5
20-21	1.2	2.4	4.1	6.5	10.4	12.0	13.4	45.4	41.3	0.4
21-22	1.5	2.5	4.9	7.3	11.0	13.0	14.9	44.3	40.7	0.3
22-23	2.0	3.3	6.2	9.3	12.7	14.2	17.6	43.9	38.5	0.2
23-24	1.8	3.0	7.1	9.5	13.3	15.7	18.8	44.2	37.0	0.4

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 16.5% of all available observations in November between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.17: Hourly ceiling in November.

Ceiling in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Ceiling [ft] < 200	< 300	< 500	< 700	< 1000	< 1200	< 1500	≥ 1500	NS [%]	NA [%]
00-01	2.4	4.0	8.9	11.4	15.2	17.9	21.3	48.0	30.7	47.6
01-02	2.6	4.6	8.9	11.7	15.8	18.0	21.4	48.8	29.9	0.2
02-03	3.0	5.5	9.6	12.7	16.7	18.9	23.1	49.5	27.4	0.1
03-04	3.2	5.5	9.6	13.5	18.0	20.4	24.4	48.6	27.1	0.0
04-05	3.4	5.3	9.4	13.6	17.9	21.2	25.6	48.2	26.2	0.1
05-06	3.4	5.2	9.3	13.3	17.8	21.3	26.5	48.1	25.4	0.2
06-07	2.5	4.5	8.8	12.7	18.3	21.7	26.6	48.0	25.4	0.2
07-08	2.0	4.4	8.8	12.8	18.8	21.2	25.8	48.9	25.3	0.4
08-09	1.7	4.3	9.2	12.2	18.5	21.2	25.1	49.2	25.7	0.1
09-10	1.7	4.0	9.6	13.1	19.2	21.4	25.4	49.5	25.1	0.2
10-11	1.4	3.4	7.7	11.8	17.3	19.9	24.4	49.5	26.1	0.1
11-12	1.4	2.8	6.5	10.4	16.2	19.0	22.9	52.2	24.9	0.2
12-13	1.3	2.1	5.8	9.2	14.4	17.2	20.8	53.5	25.7	0.1
13-14	1.1	2.0	5.1	8.4	13.6	16.0	18.2	54.3	27.5	0.2
14-15	0.8	1.7	4.2	7.4	12.6	14.1	16.5	53.8	29.7	0.1
15-16	1.1	2.2	4.2	7.4	12.0	13.8	17.2	53.9	29.0	0.2
16-17	1.4	3.0	5.4	7.9	13.1	14.8	17.7	52.7	29.6	0.1
17-18	1.9	3.9	6.2	9.0	14.1	16.5	20.0	51.0	28.9	0.2
18-19	2.2	3.8	6.8	9.6	13.7	16.3	19.0	50.8	30.3	0.1
19-20	2.2	3.8	7.3	9.8	13.4	15.7	18.6	49.8	31.6	0.5
20-21	2.5	4.4	7.2	10.1	13.6	15.6	18.6	49.8	31.6	0.0
21-22	2.6	4.8	7.5	10.8	14.2	16.2	20.4	48.9	30.7	0.1
22-23	2.4	4.4	8.4	11.3	15.7	18.1	21.9	47.4	30.7	0.1
23-24	2.5	4.6	9.2	12.1	16.2	18.8	22.1	48.0	29.9	0.3

Frequency [%] relative to all available METARs in a specific hour interval.
No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 18% of all available observations in December between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1000 ft.

Figure 3.6.18: Hourly ceiling in December.

3.7 RVR RWY 16 and Ceiling

In the following tables the cumulative frequencies in percent of RVR relative to runway 16 or base height of the lowest cloud layer of BKN or OVC extent below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.7.1 Hourly RVR RWY 16 and Ceiling 27 years

Runway Visual Range RWY 16 and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil < 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.8	2.6	6.3	0.3	25.9	67.5	47.9
01-02	0.0	0.0	0.9	2.8	6.8	0.5	24.1	68.6	0.3
02-03	0.0	0.0	0.9	3.0	7.6	0.6	21.3	70.5	0.2
03-04	0.0	0.0	1.0	3.4	8.5	0.6	18.0	73.0	0.2
04-05	0.0	0.0	0.8	3.5	8.8	0.8	17.4	73.0	0.2
05-06	0.0	0.0	1.0	3.5	8.7	0.9	18.3	72.1	0.2
06-07	0.0	0.0	1.0	3.6	7.7	0.9	18.6	72.8	0.2
07-08	0.0	0.1	1.0	3.0	6.6	0.9	18.1	74.4	0.2
08-09	0.0	0.0	0.8	2.3	5.3	0.6	17.1	77.0	0.2
09-10	0.0	0.0	0.4	1.5	3.8	0.5	16.0	79.7	0.2
10-11	0.0	0.0	0.2	0.9	2.3	0.4	14.2	83.1	0.2
11-12	0.0	0.0	0.1	0.6	1.5	0.3	13.2	84.9	0.2
12-13	0.0	0.0	0.1	0.4	0.9	0.2	13.1	85.7	0.2
13-14	0.0	0.0	0.1	0.3	0.8	0.2	14.2	84.8	0.3
14-15	0.0	0.0	0.1	0.3	0.7	0.2	15.7	83.3	0.2
15-16	0.0	0.0	0.1	0.4	0.8	0.3	17.5	81.4	0.2
16-17	0.0	0.0	0.1	0.5	1.1	0.2	20.2	78.5	0.2
17-18	0.0	0.0	0.1	0.6	1.3	0.2	23.6	75.0	0.2
18-19	0.0	0.0	0.1	0.6	1.6	0.1	26.7	71.5	0.2
19-20	0.0	0.0	0.2	0.8	2.0	0.1	28.0	69.8	0.9
20-21	0.0	0.0	0.2	1.0	2.7	0.2	28.6	68.5	0.3
21-22	0.0	0.0	0.3	1.3	3.4	0.1	29.1	67.3	0.2
22-23	0.0	0.0	0.5	1.5	4.1	0.3	28.4	67.3	0.3
23-24	0.0	0.0	0.7	2.1	5.1	0.3	27.6	67.0	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.4% of all available observations between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.1: Hourly RVR RWY 16 and ceiling 27 years.

3.7.2 Monthly RVR RWY 16 and Ceiling 27 years

Runway Visual Range RWY 16 and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 16 [m] and Ceiling [ft]								
	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
January	0.0	0.0	1.1	2.9	6.9	0.9	9.2	83.0	2.5
February	0.0	0.1	0.7	1.5	3.5	0.8	17.6	78.2	2.8
March	0.0	0.0	0.4	0.9	1.8	0.5	25.5	72.2	2.2
April	0.0	0.0	0.1	0.4	0.8	0.1	31.4	67.7	2.4
May	0.0	0.0	0.1	0.4	0.9	0.1	25.3	73.7	2.1
June	0.0	0.0	0.1	0.2	0.5	0.1	24.7	74.7	2.1
July	0.0	0.0	0.0	0.2	0.5	0.1	28.7	70.8	2.2
August	0.0	0.0	0.1	0.3	0.9	0.1	27.3	71.7	2.1
September	0.0	0.0	0.6	1.7	4.0	0.2	22.5	73.2	2.1
October	0.0	0.0	1.1	4.0	9.0	0.5	15.7	74.8	2.2
November	0.0	0.0	0.8	4.2	10.3	0.7	9.9	79.1	2.3
December	0.0	0.0	0.5	3.5	9.4	0.9	8.3	81.4	2.1

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in April showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.2: Monthly RVR RWY 16 and ceiling 27 years.

3.7.3 Hourly RVR RWY 16 and Ceiling per Season

Runway Visual Range RWY 16 and Ceiling in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.2	4.2	9.9	0.5	11.2	78.5	47.8
01-02	0.0	0.1	0.9	3.7	9.8	0.8	10.8	78.5	0.5
02-03	0.0	0.0	1.1	4.1	10.1	0.8	9.7	79.4	0.4
03-04	0.0	0.1	1.2	4.2	10.7	0.7	8.7	79.9	0.4
04-05	0.0	0.0	1.2	4.2	11.1	0.9	8.0	80.0	0.5
05-06	0.0	0.0	0.8	4.1	10.7	1.4	7.2	80.7	0.5
06-07	0.0	0.0	0.9	3.9	10.1	1.4	6.7	81.8	0.4
07-08	0.0	0.1	1.5	3.8	10.1	1.9	6.8	81.1	0.5
08-09	0.0	0.0	1.6	4.1	9.5	1.7	7.1	81.6	0.5
09-10	0.0	0.0	1.1	3.1	8.1	1.5	7.5	82.9	0.4
10-11	0.0	0.0	0.7	2.1	5.4	1.2	8.5	84.9	0.4
11-12	0.0	0.0	0.4	1.6	4.1	1.0	9.5	85.4	0.6
12-13	0.0	0.0	0.3	1.1	2.6	0.8	10.8	85.7	0.5
13-14	0.0	0.0	0.2	0.9	2.4	0.7	13.1	83.8	0.5
14-15	0.0	0.0	0.4	1.0	2.2	0.6	14.6	82.6	0.5
15-16	0.0	0.0	0.4	1.2	2.3	0.9	15.4	81.4	0.5
16-17	0.0	0.0	0.3	1.2	2.9	0.6	16.2	80.4	0.4
17-18	0.0	0.0	0.2	1.5	3.3	0.4	16.6	79.7	0.5
18-19	0.0	0.0	0.3	1.6	3.8	0.4	16.4	79.4	0.5
19-20	0.0	0.0	0.5	1.9	4.7	0.2	15.8	79.2	1.0
20-21	0.0	0.0	0.5	2.2	5.7	0.4	15.2	78.7	0.4
21-22	0.0	0.1	0.7	2.7	6.9	0.3	14.1	78.7	0.4
22-23	0.0	0.0	0.7	2.8	7.1	0.6	13.2	79.1	0.4
23-24	0.0	0.1	1.0	3.4	8.5	0.5	12.6	78.4	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.2% of all available observations in Winter (DJF) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.3: Hourly RVR RWY 16 and ceiling in Winter.

Runway Visual Range RWY 16 and Ceiling in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.3	0.9	1.7	0.2	36.9	61.3	48.0
01-02	0.0	0.1	0.5	1.1	2.2	0.3	34.0	63.5	0.2
02-03	0.0	0.0	0.5	1.4	3.0	0.4	31.3	65.3	0.2
03-04	0.0	0.0	0.6	1.6	4.0	0.4	27.0	68.6	0.2
04-05	0.0	0.0	0.7	1.8	3.9	0.7	25.3	70.1	0.2
05-06	0.0	0.1	1.1	2.2	4.0	0.6	26.3	69.1	0.2
06-07	0.0	0.1	0.8	1.8	3.1	0.5	27.1	69.2	0.1
07-08	0.0	0.1	0.5	1.0	2.0	0.5	26.3	71.2	0.2
08-09	0.0	0.0	0.3	0.4	1.1	0.3	24.2	74.4	0.3
09-10	0.0	0.0	0.1	0.3	0.7	0.2	22.6	76.5	0.2
10-11	0.0	0.0	0.0	0.0	0.2	0.2	19.7	79.9	0.2
11-12	0.0	0.0	0.0	0.0	0.1	0.2	17.7	82.0	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.1	16.0	83.9	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.2	16.0	83.7	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.2	16.8	82.9	0.2
15-16	0.0	0.0	0.0	0.0	0.1	0.1	18.9	80.8	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.1	22.8	77.0	0.1
17-18	0.0	0.0	0.0	0.0	0.1	0.1	27.5	72.4	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	32.0	67.9	0.1
19-20	0.0	0.0	0.0	0.0	0.1	0.0	35.7	64.2	1.0
20-21	0.0	0.0	0.0	0.1	0.2	0.1	38.5	61.2	0.2
21-22	0.0	0.0	0.0	0.1	0.3	0.1	39.7	59.8	0.2
22-23	0.0	0.0	0.1	0.2	0.6	0.2	39.6	59.7	0.3
23-24	0.0	0.0	0.2	0.5	1.1	0.1	39.3	59.5	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.6% of all available observations in Spring (MAM) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.4: Hourly RVR RWY 16 and ceiling in Spring.

Runway Visual Range RWY 16 and Ceiling in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.2	0.3	0.8	0.0	41.1	58.1	47.9
01-02	0.0	0.0	0.1	0.4	1.4	0.1	38.7	59.9	0.1
02-03	0.0	0.0	0.2	0.7	1.9	0.3	33.5	64.4	0.1
03-04	0.0	0.0	0.4	0.9	2.7	0.3	27.3	69.7	0.1
04-05	0.0	0.0	0.3	1.2	3.1	0.4	28.9	67.6	0.1
05-06	0.0	0.0	0.4	1.1	2.7	0.4	32.3	64.7	0.2
06-07	0.0	0.0	0.1	0.6	1.6	0.2	32.8	65.4	0.1
07-08	0.0	0.0	0.0	0.1	0.4	0.0	30.7	68.9	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	27.3	72.7	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.5	77.5	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	12.6	87.4	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	10.5	89.5	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	11.9	88.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.5	84.5	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.9	78.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.2	69.8	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	34.8	65.2	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.9	62.0	0.1
21-22	0.0	0.0	0.0	0.0	0.1	0.0	41.2	58.7	0.1
22-23	0.0	0.0	0.0	0.0	0.3	0.0	42.2	57.5	0.2
23-24	0.0	0.0	0.1	0.1	0.4	0.1	42.3	57.2	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in Summer (JJA) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.5: Hourly RVR RWY 16 and ceiling in Summer.

Runway Visual Range RWY 16 and Ceiling in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	1.4	5.0	12.9	0.7	14.2	72.2	47.9
01-02	0.0	0.0	2.0	5.9	14.0	0.7	12.5	72.8	0.3
02-03	0.0	0.0	1.9	6.1	15.5	0.7	10.4	73.3	0.2
03-04	0.0	0.0	1.7	6.8	16.6	0.9	8.6	73.9	0.1
04-05	0.0	0.0	1.1	6.7	17.4	1.0	7.3	74.3	0.1
05-06	0.0	0.0	1.6	6.7	17.4	1.3	7.2	74.0	0.2
06-07	0.0	0.0	2.1	8.3	16.1	1.3	7.5	75.1	0.2
07-08	0.0	0.0	2.0	7.3	13.9	1.0	8.4	76.7	0.2
08-09	0.0	0.0	1.1	4.8	10.7	0.6	9.4	79.3	0.1
09-10	0.0	0.0	0.6	2.7	6.6	0.4	10.9	82.1	0.1
10-11	0.0	0.0	0.1	1.4	3.7	0.2	11.8	84.3	0.1
11-12	0.0	0.0	0.1	0.6	1.9	0.2	13.0	84.9	0.1
12-13	0.0	0.0	0.0	0.4	1.1	0.1	15.2	83.7	0.2
13-14	0.0	0.0	0.0	0.2	0.6	0.1	18.1	81.2	0.3
14-15	0.0	0.0	0.1	0.3	0.7	0.1	20.9	78.3	0.2
15-16	0.0	0.0	0.1	0.5	0.9	0.2	23.9	75.0	0.2
16-17	0.0	0.0	0.1	0.6	1.4	0.2	26.3	72.1	0.2
17-18	0.0	0.0	0.1	0.8	1.8	0.1	28.2	69.9	0.2
18-19	0.0	0.0	0.1	1.0	2.6	0.1	28.0	69.2	0.2
19-20	0.0	0.0	0.2	1.2	3.4	0.2	25.5	70.9	1.0
20-21	0.0	0.0	0.4	1.8	4.9	0.1	22.6	72.3	0.3
21-22	0.0	0.0	0.6	2.5	6.5	0.2	21.0	72.3	0.2
22-23	0.0	0.0	1.1	3.2	8.3	0.3	18.1	73.3	0.3
23-24	0.0	0.0	1.6	4.5	10.4	0.7	15.6	73.3	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.8% of all available observations in Autumn (SON) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.6: Hourly RVR RWY 16 and ceiling in Autumn.

3.7.4 Hourly RVR RWY 16 and Ceiling per Month

Runway Visual Range RWY 16 and Ceiling in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.8	5.4	10.7	0.6	8.9	79.8	47.6
01-02	0.0	0.1	1.6	4.1	10.5	0.8	8.2	80.5	0.6
02-03	0.0	0.0	1.2	4.3	10.8	0.7	7.6	80.9	0.4
03-04	0.0	0.0	1.3	4.1	11.0	1.2	7.5	80.3	0.5
04-05	0.0	0.0	1.6	4.3	11.6	1.1	7.2	80.1	0.5
05-06	0.0	0.1	1.0	4.1	11.1	1.1	6.3	81.4	0.5
06-07	0.0	0.1	1.0	4.2	11.2	1.3	6.2	81.3	0.5
07-08	0.0	0.1	1.7	3.7	10.9	2.1	6.0	81.0	0.5
08-09	0.0	0.0	2.0	4.3	9.4	1.9	5.9	82.7	0.4
09-10	0.0	0.0	1.5	3.4	8.1	1.4	5.8	84.7	0.4
10-11	0.0	0.0	1.3	2.4	5.6	1.0	6.4	87.0	0.5
11-12	0.0	0.0	0.7	1.9	4.5	1.2	7.3	87.0	0.5
12-13	0.0	0.0	0.5	1.0	2.6	0.7	8.3	88.3	0.4
13-14	0.0	0.0	0.4	0.9	2.2	0.4	9.8	87.7	0.5
14-15	0.0	0.0	0.4	0.9	2.2	0.5	11.7	85.5	0.4
15-16	0.0	0.1	0.6	1.2	2.3	0.8	12.7	84.2	0.5
16-17	0.0	0.0	0.7	1.4	2.7	0.7	13.4	83.2	0.5
17-18	0.0	0.0	0.5	1.7	2.8	0.2	14.3	82.7	0.4
18-19	0.0	0.0	0.6	1.6	3.4	0.5	13.1	83.1	0.6
19-20	0.0	0.0	1.0	2.0	4.6	0.2	12.3	82.9	1.0
20-21	0.0	0.0	0.7	2.3	5.9	0.7	11.8	81.6	0.5
21-22	0.0	0.1	1.2	3.1	6.9	0.3	11.0	81.8	0.5
22-23	0.0	0.0	1.1	3.8	7.1	0.7	9.4	82.9	0.5
23-24	0.0	0.0	1.4	4.0	9.4	0.7	9.4	80.5	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.1% of all available observations in January between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.7: Hourly RVR RWY 16 and ceiling in January.

Runway Visual Range RWY 16 and Ceiling in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.9	1.9	4.7	0.1	17.9	77.3	48.1
01-02	0.0	0.1	0.7	1.8	4.3	0.7	16.6	78.4	0.7
02-03	0.0	0.1	1.3	2.6	5.7	0.7	14.8	78.9	0.7
03-04	0.0	0.2	1.7	3.5	6.7	0.3	12.5	80.5	0.7
04-05	0.0	0.0	1.5	3.2	7.1	0.6	11.1	81.2	0.8
05-06	0.0	0.1	1.1	3.3	7.9	1.1	10.0	81.1	0.7
06-07	0.0	0.1	1.1	3.5	7.5	1.2	9.2	82.1	0.7
07-08	0.0	0.3	2.1	4.0	7.7	1.7	9.4	81.3	0.7
08-09	0.0	0.1	1.9	4.0	7.5	1.5	10.5	80.5	1.0
09-10	0.0	0.1	1.1	2.4	6.4	1.6	11.8	80.2	0.7
10-11	0.0	0.0	0.3	1.3	3.4	1.5	13.2	82.0	0.7
11-12	0.0	0.0	0.1	0.5	2.1	1.1	14.6	82.3	0.9
12-13	0.0	0.0	0.1	0.2	0.9	1.3	16.0	81.9	0.9
13-14	0.0	0.0	0.0	0.1	1.1	0.7	18.7	79.5	0.7
14-15	0.0	0.0	0.0	0.0	0.9	0.5	21.2	77.4	0.9
15-16	0.0	0.0	0.0	0.1	0.5	0.9	22.8	75.8	0.7
16-17	0.0	0.0	0.0	0.0	0.3	0.7	24.3	74.8	0.7
17-18	0.0	0.0	0.0	0.1	0.3	0.5	24.6	74.6	0.8
18-19	0.0	0.0	0.1	0.1	0.5	0.2	26.2	73.1	0.7
19-20	0.0	0.0	0.1	0.4	0.7	0.3	25.6	73.3	1.4
20-21	0.0	0.0	0.1	0.3	0.7	0.3	25.0	74.0	0.8
21-22	0.0	0.1	0.4	0.7	1.7	0.2	23.5	74.6	0.6
22-23	0.0	0.1	0.5	1.1	2.3	0.5	22.6	74.6	0.7
23-24	0.0	0.1	1.0	1.6	3.5	0.2	20.6	75.8	1.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.5% of all available observations in February between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.8: Hourly RVR RWY 16 and ceiling in February.

Runway Visual Range RWY 16 and Ceiling in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.3	1.5	1.9	0.2	28.1	69.7	47.5
01-02	0.0	0.1	0.7	1.7	2.5	0.3	25.8	71.5	0.1
02-03	0.0	0.1	0.9	1.9	3.8	0.4	24.3	71.5	0.1
03-04	0.0	0.1	0.8	2.3	5.0	0.5	22.0	72.5	0.0
04-05	0.0	0.1	1.0	2.3	5.2	0.8	19.3	74.7	0.2
05-06	0.0	0.1	1.3	2.6	5.4	1.2	16.8	76.6	0.1
06-07	0.0	0.3	1.8	3.3	5.5	1.3	17.2	76.0	0.0
07-08	0.0	0.2	1.3	2.3	4.2	1.2	18.4	76.2	0.2
08-09	0.0	0.1	0.8	1.1	2.9	0.5	19.3	77.3	0.4
09-10	0.0	0.0	0.2	0.8	1.7	0.4	20.6	77.2	0.1
10-11	0.0	0.0	0.1	0.1	0.3	0.5	20.6	78.5	0.1
11-12	0.0	0.0	0.0	0.0	0.2	0.2	21.8	77.8	0.1
12-13	0.0	0.0	0.0	0.0	0.2	0.2	22.2	77.4	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.5	22.7	76.6	0.2
14-15	0.0	0.0	0.0	0.0	0.2	0.4	24.2	75.2	0.2
15-16	0.0	0.0	0.0	0.0	0.4	0.2	26.7	72.7	0.0
16-17	0.0	0.0	0.0	0.0	0.1	0.3	29.3	70.3	0.1
17-18	0.0	0.0	0.0	0.0	0.2	0.2	31.2	68.4	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.1	33.0	66.8	0.0
19-20	0.0	0.0	0.0	0.0	0.2	0.0	34.7	65.0	1.0
20-21	0.0	0.0	0.1	0.2	0.4	0.3	34.9	64.3	0.2
21-22	0.0	0.0	0.1	0.2	0.8	0.4	34.4	64.4	0.4
22-23	0.0	0.0	0.2	0.5	1.1	0.4	33.6	64.9	0.5
23-24	0.0	0.0	0.5	1.0	1.6	0.3	32.4	65.7	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.3% of all available observations in March between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.9: Hourly RVR RWY 16 and ceiling in March.

Runway Visual Range RWY 16 and Ceiling in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.4	1.3	0.1	43.7	54.9	48.5
01-02	0.0	0.1	0.3	0.8	1.8	0.3	40.5	57.4	0.4
02-03	0.0	0.0	0.2	0.9	2.2	0.4	37.9	59.5	0.4
03-04	0.0	0.0	0.2	0.9	2.6	0.2	34.0	63.2	0.4
04-05	0.0	0.0	0.6	1.2	3.2	0.6	29.5	66.8	0.2
05-06	0.0	0.3	1.3	2.4	3.5	0.1	30.4	66.0	0.4
06-07	0.0	0.0	0.6	1.4	2.2	0.1	31.7	66.0	0.4
07-08	0.0	0.0	0.1	0.4	1.1	0.2	31.8	66.9	0.4
08-09	0.0	0.0	0.0	0.0	0.4	0.2	30.4	69.0	0.4
09-10	0.0	0.0	0.0	0.0	0.2	0.1	28.3	71.4	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.1	24.5	75.3	0.3
11-12	0.0	0.0	0.0	0.0	0.1	0.2	21.1	78.6	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.1	17.7	82.2	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.1	19.5	80.4	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.1	24.1	75.8	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	29.7	70.3	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	35.6	64.4	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	39.5	60.5	1.2
20-21	0.0	0.0	0.0	0.0	0.1	0.0	43.2	56.7	0.3
21-22	0.0	0.0	0.0	0.1	0.1	0.0	44.4	55.5	0.2
22-23	0.0	0.0	0.0	0.0	0.2	0.1	44.9	54.8	0.5
23-24	0.0	0.0	0.1	0.2	0.6	0.1	43.6	55.7	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in April between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.10: Hourly RVR RWY 16 and ceiling in April.

Runway Visual Range RWY 16 and Ceiling in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.3	0.7	1.8	0.1	39.1	58.9	48.1
01-02	0.0	0.0	0.4	0.7	2.5	0.2	35.9	61.4	0.1
02-03	0.0	0.0	0.3	1.2	3.0	0.5	31.8	64.7	0.1
03-04	0.0	0.0	0.7	1.4	4.2	0.5	25.2	70.0	0.1
04-05	0.0	0.0	0.4	1.9	3.3	0.8	27.3	68.6	0.1
05-06	0.0	0.0	0.8	1.7	3.0	0.4	32.0	64.7	0.1
06-07	0.0	0.0	0.1	0.5	1.7	0.2	32.6	65.5	0.1
07-08	0.0	0.0	0.0	0.2	0.7	0.1	28.8	70.4	0.0
08-09	0.0	0.0	0.0	0.0	0.1	0.0	23.1	76.8	0.0
09-10	0.0	0.0	0.0	0.0	0.1	0.0	19.2	80.7	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.0	14.2	85.7	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	10.4	89.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.0	85.0	0.0
17-18	0.0	0.0	0.0	0.0	0.1	0.0	21.6	78.4	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	27.5	72.5	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	33.1	66.9	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.5	62.5	0.0
21-22	0.0	0.0	0.0	0.0	0.1	0.0	40.6	59.4	0.1
22-23	0.0	0.0	0.0	0.1	0.4	0.0	40.5	59.1	0.0
23-24	0.0	0.0	0.0	0.3	0.9	0.0	42.0	57.1	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in May between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.11: Hourly RVR RWY 16 and ceiling in May.

Runway Visual Range RWY 16 and Ceiling in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.1	0.6	0.1	40.1	59.1	47.7
01-02	0.0	0.0	0.0	0.1	0.7	0.3	39.1	59.9	0.1
02-03	0.0	0.0	0.3	0.7	1.5	0.4	32.9	65.2	0.1
03-04	0.0	0.0	0.7	1.1	2.8	0.4	26.5	70.3	0.0
04-05	0.0	0.0	0.4	1.2	2.3	0.4	31.2	66.2	0.1
05-06	0.0	0.0	0.1	0.6	1.7	0.2	33.3	64.8	0.1
06-07	0.0	0.0	0.1	0.4	0.7	0.1	32.3	66.8	0.1
07-08	0.0	0.0	0.0	0.1	0.2	0.0	28.3	71.5	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	24.2	75.8	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	19.0	81.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	13.9	86.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.1	88.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.2
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.2	91.8	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	7.6	92.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.1	9.0	90.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	11.6	88.3	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	25.9	74.1	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.1	31.7	68.2	0.0
21-22	0.0	0.0	0.0	0.0	0.1	0.1	37.2	62.6	0.2
22-23	0.0	0.0	0.0	0.0	0.4	0.0	40.1	59.5	0.1
23-24	0.0	0.0	0.1	0.1	0.4	0.0	41.8	57.8	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.1% of all available observations in June between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.12: Hourly RVR RWY 16 and ceiling in June.

Runway Visual Range RWY 16 and Ceiling in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.6	0.0	44.5	54.9	47.8
01-02	0.0	0.0	0.1	0.2	1.2	0.0	41.4	57.5	0.2
02-03	0.0	0.0	0.0	0.4	1.7	0.3	37.7	60.4	0.1
03-04	0.0	0.0	0.2	0.8	2.5	0.1	31.5	65.9	0.1
04-05	0.0	0.0	0.2	0.9	2.6	0.4	33.8	63.2	0.2
05-06	0.0	0.0	0.1	0.7	1.7	0.3	37.2	60.8	0.2
06-07	0.0	0.0	0.1	0.4	1.1	0.2	36.9	61.8	0.2
07-08	0.0	0.0	0.0	0.1	0.4	0.0	33.8	65.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.8	77.2	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	15.9	84.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.3	88.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.1	9.6	90.3	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.9	89.1	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	12.4	87.6	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	15.4	84.6	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.3	78.7	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.6	69.4	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	36.6	63.4	0.8
20-21	0.0	0.0	0.0	0.0	0.1	0.1	40.6	59.3	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	44.2	55.8	0.2
22-23	0.0	0.0	0.0	0.0	0.1	0.1	44.3	55.5	0.3
23-24	0.0	0.0	0.1	0.1	0.2	0.1	45.4	54.2	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in July between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.13: Hourly RVR RWY 16 and ceiling in July.

Runway Visual Range RWY 16 and Ceiling in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.5	0.6	1.2	0.0	38.7	60.2	48.1
01-02	0.0	0.0	0.2	1.0	2.2	0.0	35.6	62.2	0.2
02-03	0.0	0.0	0.2	0.9	2.4	0.2	29.9	67.5	0.1
03-04	0.0	0.0	0.4	0.9	2.9	0.4	23.8	72.9	0.2
04-05	0.0	0.0	0.2	1.5	4.4	0.5	21.7	73.5	0.1
05-06	0.0	0.0	0.9	2.1	4.5	0.7	26.4	68.4	0.1
06-07	0.0	0.0	0.2	1.1	2.8	0.4	29.2	67.6	0.1
07-08	0.0	0.0	0.0	0.1	0.8	0.0	29.9	69.3	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	28.6	71.4	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	25.6	74.4	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	20.0	80.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	15.2	84.8	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	12.2	87.8	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	11.8	88.2	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.0	13.2	86.8	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	14.1	85.9	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	19.3	80.7	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	27.2	72.7	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	34.0	66.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	38.6	61.4	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	41.2	58.8	0.3
21-22	0.0	0.0	0.0	0.1	0.2	0.0	42.1	57.7	0.1
22-23	0.0	0.0	0.0	0.0	0.4	0.0	41.9	57.6	0.3
23-24	0.0	0.0	0.0	0.0	0.5	0.1	39.7	59.7	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in August between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.14: Hourly RVR RWY 16 and ceiling in August.

Runway Visual Range RWY 16 and Ceiling in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.9	2.1	6.0	0.5	23.5	70.0	47.9
01-02	0.0	0.0	1.7	3.3	7.4	0.4	20.4	71.8	0.3
02-03	0.0	0.0	1.7	4.4	10.2	0.4	15.3	74.1	0.0
03-04	0.0	0.0	1.7	4.3	12.5	0.8	12.0	74.6	0.1
04-05	0.0	0.0	1.0	4.8	13.3	1.0	9.8	76.0	0.1
05-06	0.0	0.0	2.4	5.9	14.2	0.9	10.6	74.2	0.1
06-07	0.0	0.0	2.4	6.7	11.8	0.7	13.6	73.9	0.2
07-08	0.0	0.0	0.8	3.7	8.4	0.4	14.3	76.9	0.2
08-09	0.0	0.0	0.2	1.9	4.7	0.0	15.3	80.0	0.1
09-10	0.0	0.0	0.0	0.2	1.1	0.2	17.8	80.9	0.0
10-11	0.0	0.0	0.0	0.0	0.1	0.0	16.4	83.5	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.1	16.3	83.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.3	82.7	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	19.5	80.5	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	22.1	77.9	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	24.7	75.3	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	29.2	70.8	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	34.8	65.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	38.5	61.5	0.1
19-20	0.0	0.0	0.0	0.0	0.1	0.0	38.9	61.0	0.7
20-21	0.0	0.0	0.1	0.1	0.2	0.0	35.9	63.9	0.2
21-22	0.0	0.0	0.2	0.3	1.2	0.1	35.9	62.9	0.1
22-23	0.0	0.0	0.2	0.7	2.6	0.2	32.1	65.2	0.2
23-24	0.0	0.1	1.1	1.9	3.8	0.2	27.2	68.8	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.3% of all available observations in September between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.15: Hourly RVR RWY 16 and ceiling in September.

Runway Visual Range RWY 16 and Ceiling in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	2.2	6.8	16.3	0.5	11.1	72.2	48.3
01-02	0.0	0.0	2.9	8.1	17.7	0.8	9.3	72.2	0.2
02-03	0.0	0.0	2.6	7.8	18.6	0.7	8.5	72.2	0.2
03-04	0.0	0.0	2.4	9.1	19.4	1.0	7.5	72.1	0.2
04-05	0.0	0.0	1.2	8.0	20.9	1.0	6.2	71.9	0.2
05-06	0.0	0.0	1.1	8.0	20.6	1.7	5.9	71.9	0.3
06-07	0.0	0.0	2.6	10.7	20.1	1.4	5.3	73.1	0.2
07-08	0.0	0.0	3.0	10.3	17.5	1.0	6.6	74.9	0.2
08-09	0.0	0.0	1.3	6.3	13.6	0.6	7.9	77.9	0.1
09-10	0.0	0.0	0.3	3.1	8.1	0.3	9.8	81.8	0.1
10-11	0.0	0.0	0.1	1.5	4.1	0.1	12.7	83.1	0.1
11-12	0.0	0.0	0.0	0.4	1.3	0.1	14.7	83.9	0.2
12-13	0.0	0.0	0.0	0.1	0.2	0.0	18.2	81.6	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.0	21.8	78.1	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.1	25.0	75.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.1	29.1	70.9	0.2
16-17	0.0	0.0	0.0	0.2	0.4	0.1	32.2	67.4	0.2
17-18	0.0	0.0	0.0	0.4	0.5	0.0	31.8	67.7	0.1
18-19	0.0	0.0	0.1	0.5	1.9	0.0	28.6	69.5	0.2
19-20	0.0	0.1	0.4	1.0	2.9	0.1	23.4	73.6	0.7
20-21	0.0	0.1	0.8	1.6	4.8	0.2	19.2	75.8	0.4
21-22	0.0	0.1	0.9	2.6	7.2	0.2	16.2	76.3	0.2
22-23	0.0	0.1	1.7	3.7	10.1	0.3	13.3	76.3	0.3
23-24	0.0	0.1	2.5	6.0	13.8	0.8	11.1	74.2	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 9.1% of all available observations in October between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.16: Hourly RVR RWY 16 and ceiling in October.

Runway Visual Range RWY 16 and Ceiling in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	1.1	5.9	16.2	1.1	8.2	74.5	47.5
01-02	0.0	0.0	1.4	6.3	16.6	1.0	8.0	74.4	0.2
02-03	0.0	0.1	1.2	6.0	17.5	1.1	7.6	73.8	0.3
03-04	0.0	0.1	1.1	6.8	17.7	0.8	6.4	75.1	0.2
04-05	0.0	0.1	1.0	7.3	18.0	0.9	5.9	75.2	0.1
05-06	0.0	0.0	1.3	6.3	17.4	1.4	5.1	76.1	0.2
06-07	0.0	0.1	1.4	7.3	16.2	1.7	3.7	78.4	0.3
07-08	0.0	0.0	2.2	7.8	15.6	1.5	4.3	78.6	0.1
08-09	0.0	0.1	2.0	6.2	13.7	1.1	5.1	80.1	0.1
09-10	0.0	0.0	1.4	4.8	10.5	0.6	5.2	83.7	0.2
10-11	0.0	0.0	0.3	2.6	7.1	0.4	6.3	86.2	0.2
11-12	0.0	0.0	0.2	1.5	4.5	0.3	8.0	87.2	0.2
12-13	0.0	0.0	0.1	1.3	3.0	0.2	9.9	86.9	0.3
13-14	0.0	0.0	0.0	0.6	1.7	0.4	12.8	85.1	0.7
14-15	0.0	0.0	0.2	1.1	2.2	0.2	15.6	82.0	0.4
15-16	0.0	0.0	0.4	1.4	2.8	0.6	17.7	78.9	0.4
16-17	0.0	0.0	0.4	1.7	3.9	0.4	17.3	78.3	0.3
17-18	0.0	0.0	0.4	2.0	4.8	0.3	18.0	76.9	0.5
18-19	0.0	0.0	0.4	2.4	5.9	0.4	17.0	76.8	0.4
19-20	0.0	0.0	0.3	2.6	7.1	0.4	14.3	78.2	1.5
20-21	0.0	0.0	0.5	3.6	9.9	0.2	12.9	77.0	0.4
21-22	0.0	0.0	0.6	4.7	11.2	0.2	11.1	77.5	0.3
22-23	0.0	0.0	1.2	5.1	12.3	0.4	9.2	78.2	0.2
23-24	0.0	0.0	1.1	5.5	13.5	1.0	8.6	77.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.8% of all available observations in November between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.17: Hourly RVR RWY 16 and ceiling in November.

Runway Visual Range RWY 16 and Ceiling in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.8	5.1	13.7	0.7	7.4	78.2	47.6
01-02	0.0	0.0	0.6	5.1	14.2	1.0	8.1	76.7	0.2
02-03	0.0	0.0	0.7	5.3	13.4	1.1	7.2	78.3	0.1
03-04	0.0	0.0	0.7	4.9	14.0	0.5	6.5	79.0	0.0
04-05	0.0	0.0	0.5	5.0	14.2	1.0	6.0	78.8	0.1
05-06	0.0	0.0	0.2	4.9	12.9	1.9	5.6	79.7	0.1
06-07	0.0	0.0	0.5	3.9	11.2	1.8	4.9	82.1	0.2
07-08	0.0	0.0	0.7	3.8	11.7	2.0	5.2	81.1	0.3
08-09	0.0	0.0	1.0	4.1	11.5	1.6	5.3	81.6	0.1
09-10	0.0	0.0	0.7	3.4	9.5	1.4	5.4	83.6	0.2
10-11	0.0	0.1	0.5	2.6	6.9	1.3	6.3	85.4	0.1
11-12	0.0	0.0	0.4	2.4	5.6	0.7	7.1	86.7	0.2
12-13	0.0	0.0	0.3	1.9	4.2	0.5	8.6	86.7	0.1
13-14	0.0	0.0	0.2	1.7	3.9	1.0	11.4	83.7	0.2
14-15	0.0	0.0	0.6	2.0	3.5	0.8	11.4	84.3	0.1
15-16	0.0	0.0	0.6	2.2	4.0	1.0	11.3	83.8	0.2
16-17	0.0	0.0	0.2	2.2	5.5	0.4	11.5	82.6	0.1
17-18	0.0	0.0	0.1	2.7	6.6	0.5	11.5	81.3	0.2
18-19	0.0	0.0	0.2	2.9	7.1	0.5	10.9	81.5	0.1
19-20	0.0	0.0	0.4	3.2	8.5	0.2	10.4	80.9	0.5
20-21	0.0	0.0	0.5	3.8	10.1	0.3	9.7	79.9	0.0
21-22	0.0	0.0	0.5	4.1	11.5	0.4	8.7	79.5	0.1
22-23	0.0	0.0	0.5	3.4	11.5	0.7	8.5	79.4	0.1
23-24	0.0	0.1	0.7	4.4	12.2	0.6	8.6	78.6	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.9% of all available observations in December between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.7.18: Hourly RVR RWY 16 and ceiling in December.

3.8 RVR RWY 34 and Ceiling

In the following tables the cumulative frequencies in percent of RVR relative to runway 34 or base height of the lowest cloud layer of BKN or OVC extent below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.8.1 Hourly RVR RWY 34 and Ceiling 27 years

Runway Visual Range RWY 16 and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 16 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil < 200	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.8	2.6	6.3	0.3	25.9	67.5	47.9
01-02	0.0	0.0	0.9	2.8	6.8	0.5	24.1	68.6	0.3
02-03	0.0	0.0	0.9	3.0	7.6	0.6	21.3	70.5	0.2
03-04	0.0	0.0	1.0	3.4	8.5	0.6	18.0	73.0	0.2
04-05	0.0	0.0	0.8	3.5	8.8	0.8	17.4	73.0	0.2
05-06	0.0	0.0	1.0	3.5	8.7	0.9	18.3	72.1	0.2
06-07	0.0	0.0	1.0	3.6	7.7	0.9	18.6	72.8	0.2
07-08	0.0	0.1	1.0	3.0	6.6	0.9	18.1	74.4	0.2
08-09	0.0	0.0	0.8	2.3	5.3	0.6	17.1	77.0	0.2
09-10	0.0	0.0	0.4	1.5	3.8	0.5	16.0	79.7	0.2
10-11	0.0	0.0	0.2	0.9	2.3	0.4	14.2	83.1	0.2
11-12	0.0	0.0	0.1	0.6	1.5	0.3	13.2	84.9	0.2
12-13	0.0	0.0	0.1	0.4	0.9	0.2	13.1	85.7	0.2
13-14	0.0	0.0	0.1	0.3	0.8	0.2	14.2	84.8	0.3
14-15	0.0	0.0	0.1	0.3	0.7	0.2	15.7	83.3	0.2
15-16	0.0	0.0	0.1	0.4	0.8	0.3	17.5	81.4	0.2
16-17	0.0	0.0	0.1	0.5	1.1	0.2	20.2	78.5	0.2
17-18	0.0	0.0	0.1	0.6	1.3	0.2	23.6	75.0	0.2
18-19	0.0	0.0	0.1	0.6	1.6	0.1	26.7	71.5	0.2
19-20	0.0	0.0	0.2	0.8	2.0	0.1	28.0	69.8	0.9
20-21	0.0	0.0	0.2	1.0	2.7	0.2	28.6	68.5	0.3
21-22	0.0	0.0	0.3	1.3	3.4	0.1	29.1	67.3	0.2
22-23	0.0	0.0	0.5	1.5	4.1	0.3	28.4	67.3	0.3
23-24	0.0	0.0	0.7	2.1	5.1	0.3	27.6	67.0	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.4% of all available observations between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.1: Hourly RVR RWY 34 and ceiling 27 years.

3.8.2 Monthly RVR RWY 34 and Ceiling 27 years

Runway Visual Range RWY 34 and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 34 [m] and Ceiling [ft]								
	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
January	0.0	0.0	0.3	1.5	4.3	0.5	9.2	86.0	2.5
February	0.0	0.0	0.3	0.8	2.0	0.6	17.6	79.8	2.8
March	0.0	0.0	0.1	0.3	0.8	0.3	25.5	73.4	2.2
April	0.0	0.0	0.0	0.1	0.3	0.1	31.4	68.2	2.4
May	0.0	0.0	0.0	0.1	0.4	0.1	25.3	74.2	2.1
June	0.0	0.0	0.0	0.1	0.2	0.1	24.7	75.0	2.1
July	0.0	0.0	0.0	0.1	0.2	0.1	28.7	71.0	2.2
August	0.0	0.0	0.0	0.1	0.3	0.1	27.3	72.3	2.1
September	0.0	0.0	0.1	0.5	1.6	0.2	22.5	75.6	2.1
October	0.0	0.0	0.2	1.9	4.8	0.3	15.7	79.1	2.2
November	0.0	0.0	0.3	2.6	7.2	0.5	9.9	82.4	2.3
December	0.0	0.0	0.3	2.8	7.6	0.7	8.3	83.4	2.1

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in April showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.2: Monthly RVR RWY 34 and ceiling 27 years.

3.8.3 Hourly RVR RWY 34 and Ceiling per Season

Runway Visual Range RWY 34 and Ceiling in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.5	2.6	6.6	0.5	11.2	81.7	47.8
01-02	0.0	0.0	0.3	2.1	6.3	0.7	10.8	82.2	0.5
02-03	0.0	0.0	0.5	2.7	7.2	0.6	9.7	82.5	0.4
03-04	0.0	0.0	0.4	2.5	7.5	0.5	8.7	83.4	0.4
04-05	0.0	0.0	0.2	2.3	7.1	0.7	8.0	84.2	0.5
05-06	0.0	0.0	0.3	2.5	7.7	0.9	7.2	84.2	0.5
06-07	0.0	0.1	0.5	2.5	7.7	0.8	6.7	84.8	0.4
07-08	0.0	0.1	0.7	2.7	7.5	1.3	6.8	84.4	0.5
08-09	0.0	0.1	0.8	2.9	7.1	1.2	7.1	84.5	0.5
09-10	0.0	0.0	0.5	2.1	5.8	1.0	7.5	85.6	0.4
10-11	0.0	0.0	0.3	1.4	3.9	1.0	8.5	86.7	0.4
11-12	0.0	0.0	0.2	1.2	2.9	0.7	9.5	86.9	0.6
12-13	0.0	0.0	0.1	0.8	1.9	0.6	10.8	86.7	0.5
13-14	0.0	0.0	0.0	0.7	1.8	0.5	13.1	84.6	0.5
14-15	0.0	0.0	0.1	0.6	1.6	0.4	14.6	83.4	0.5
15-16	0.0	0.0	0.1	0.8	1.7	0.6	15.4	82.3	0.5
16-17	0.0	0.0	0.1	0.9	2.2	0.5	16.2	81.2	0.4
17-18	0.0	0.0	0.0	1.1	2.5	0.4	16.6	80.5	0.5
18-19	0.0	0.0	0.1	1.2	2.8	0.4	16.4	80.3	0.5
19-20	0.0	0.0	0.2	1.5	3.3	0.2	15.8	80.7	1.0
20-21	0.0	0.0	0.2	1.6	4.0	0.3	15.2	80.6	0.4
21-22	0.0	0.0	0.3	1.8	4.7	0.3	14.1	80.9	0.4
22-23	0.0	0.0	0.3	1.8	4.9	0.5	13.2	81.5	0.4
23-24	0.0	0.0	0.4	1.9	5.7	0.5	12.6	81.2	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.5% of all available observations in Winter (DJF) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.3: Hourly RVR RWY 34 and ceiling in Winter.

Runway Visual Range RWY 34 and Ceiling in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.6	0.2	36.9	62.4	48.0
01-02	0.0	0.0	0.0	0.2	0.9	0.2	34.0	65.0	0.2
02-03	0.0	0.0	0.0	0.3	1.0	0.3	31.3	67.4	0.2
03-04	0.0	0.0	0.2	0.4	1.5	0.2	27.0	71.4	0.2
04-05	0.0	0.0	0.1	0.6	1.5	0.5	25.3	72.8	0.2
05-06	0.0	0.0	0.1	0.7	1.5	0.3	26.3	71.9	0.2
06-07	0.0	0.0	0.1	0.7	1.3	0.4	27.1	71.3	0.1
07-08	0.0	0.0	0.1	0.5	1.1	0.3	26.3	72.3	0.2
08-09	0.0	0.0	0.0	0.2	0.6	0.2	24.2	75.0	0.3
09-10	0.0	0.0	0.0	0.2	0.5	0.1	22.6	76.8	0.2
10-11	0.0	0.0	0.0	0.0	0.2	0.1	19.7	80.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.2	17.7	82.1	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.1	16.0	83.9	0.3
13-14	0.0	0.0	0.0	0.0	0.0	0.2	16.0	83.8	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.2	16.8	83.0	0.2
15-16	0.0	0.0	0.0	0.0	0.1	0.1	18.9	80.9	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.1	22.8	77.1	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	27.5	72.5	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	32.0	68.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	35.7	64.3	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.1	38.5	61.4	0.2
21-22	0.0	0.0	0.0	0.1	0.2	0.1	39.7	60.0	0.2
22-23	0.0	0.0	0.0	0.2	0.3	0.1	39.6	60.0	0.3
23-24	0.0	0.0	0.0	0.1	0.4	0.1	39.3	60.3	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in Spring (MAM) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.4: Hourly RVR RWY 34 and ceiling in Spring.

Runway Visual Range RWY 34 and Ceiling in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.3	0.1	41.1	58.5	47.9
01-02	0.0	0.0	0.0	0.2	0.4	0.1	38.7	60.9	0.1
02-03	0.0	0.0	0.0	0.2	0.4	0.2	33.5	65.8	0.1
03-04	0.0	0.0	0.0	0.2	0.9	0.2	27.3	71.6	0.1
04-05	0.0	0.0	0.0	0.5	1.2	0.3	28.9	69.6	0.1
05-06	0.0	0.0	0.0	0.4	1.2	0.4	32.3	66.0	0.2
06-07	0.0	0.0	0.1	0.4	0.9	0.2	32.8	66.0	0.1
07-08	0.0	0.0	0.0	0.1	0.4	0.0	30.7	68.9	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	27.3	72.7	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.5	77.5	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	12.6	87.4	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	10.5	89.5	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	11.9	88.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.5	84.5	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.9	78.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.2	69.8	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	34.8	65.2	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.9	62.1	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	41.2	58.8	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.0	42.2	57.7	0.2
23-24	0.0	0.0	0.0	0.0	0.2	0.1	42.3	57.5	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in Summer (JJA) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.5: Hourly RVR RWY 34 and ceiling in Summer.

Runway Visual Range RWY 34 and Ceiling in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.4	2.3	5.9	0.7	14.2	79.2	47.9
01-02	0.0	0.0	0.3	2.3	6.8	0.6	12.5	80.1	0.3
02-03	0.0	0.0	0.2	2.5	8.2	0.4	10.4	81.0	0.2
03-04	0.0	0.0	0.4	2.9	9.4	0.4	8.6	81.6	0.1
04-05	0.0	0.0	0.3	3.4	10.1	0.6	7.3	82.0	0.1
05-06	0.0	0.0	0.4	3.5	10.1	1.0	7.2	81.7	0.2
06-07	0.0	0.0	0.6	4.2	9.9	1.0	7.5	81.6	0.2
07-08	0.0	0.0	0.7	4.6	9.5	0.7	8.4	81.4	0.2
08-09	0.0	0.0	0.3	3.1	7.8	0.4	9.4	82.4	0.1
09-10	0.0	0.0	0.2	1.9	5.1	0.3	10.9	83.7	0.1
10-11	0.0	0.0	0.1	1.2	3.1	0.1	11.8	85.0	0.1
11-12	0.0	0.0	0.1	0.6	1.6	0.1	13.0	85.3	0.1
12-13	0.0	0.0	0.0	0.4	0.9	0.0	15.2	84.0	0.2
13-14	0.0	0.0	0.0	0.1	0.5	0.1	18.1	81.3	0.3
14-15	0.0	0.0	0.0	0.2	0.6	0.0	20.9	78.5	0.2
15-16	0.0	0.0	0.0	0.3	0.6	0.1	23.9	75.3	0.2
16-17	0.0	0.0	0.0	0.3	1.0	0.1	26.3	72.6	0.2
17-18	0.0	0.0	0.0	0.5	1.2	0.1	28.2	70.4	0.2
18-19	0.0	0.0	0.0	0.6	1.5	0.1	28.0	70.4	0.2
19-20	0.0	0.0	0.0	0.6	1.9	0.1	25.5	72.5	1.0
20-21	0.0	0.0	0.0	0.8	2.3	0.2	22.6	74.8	0.3
21-22	0.0	0.0	0.0	1.0	3.0	0.1	21.0	75.9	0.2
22-23	0.0	0.0	0.2	1.3	4.0	0.2	18.1	77.7	0.3
23-24	0.0	0.0	0.2	1.7	4.9	0.5	15.6	79.0	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.9% of all available observations in Autumn (SON) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.6: Hourly RVR RWY 34 and ceiling in Autumn.

3.8.4 Hourly RVR RWY 34 and Ceiling per Month

Runway Visual Range RWY 34 and Ceiling in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	0.9	3.0	7.2	0.5	8.9	83.5	47.6
01-02	0.0	0.0	0.4	2.2	6.4	0.7	8.2	84.7	0.6
02-03	0.0	0.0	0.4	2.5	6.8	0.7	7.6	84.9	0.4
03-04	0.0	0.0	0.4	2.1	6.8	1.0	7.5	84.8	0.5
04-05	0.0	0.0	0.4	1.5	6.5	1.0	7.2	85.4	0.5
05-06	0.0	0.0	0.4	2.2	7.7	0.7	6.3	85.3	0.5
06-07	0.0	0.1	0.6	2.6	7.9	0.5	6.2	85.4	0.5
07-08	0.0	0.1	0.8	2.6	7.5	1.2	6.0	85.3	0.5
08-09	0.0	0.0	0.8	2.4	6.5	1.0	5.9	86.5	0.4
09-10	0.0	0.0	0.4	1.9	5.0	0.8	5.8	88.4	0.4
10-11	0.0	0.0	0.4	1.3	2.8	0.6	6.4	90.2	0.5
11-12	0.0	0.0	0.2	1.0	2.7	0.5	7.3	89.5	0.5
12-13	0.0	0.0	0.1	0.7	1.7	0.3	8.3	89.6	0.4
13-14	0.0	0.0	0.1	0.4	1.4	0.3	9.8	88.5	0.5
14-15	0.0	0.0	0.0	0.4	1.4	0.2	11.7	86.6	0.4
15-16	0.0	0.0	0.0	0.4	1.3	0.4	12.7	85.7	0.5
16-17	0.0	0.0	0.0	0.5	1.3	0.4	13.4	84.9	0.5
17-18	0.0	0.0	0.0	0.6	1.3	0.2	14.3	84.2	0.4
18-19	0.0	0.0	0.1	0.7	1.7	0.5	13.1	84.6	0.6
19-20	0.0	0.0	0.4	1.1	2.7	0.1	12.3	85.0	1.0
20-21	0.0	0.0	0.1	1.1	3.2	0.3	11.8	84.7	0.5
21-22	0.0	0.0	0.3	1.4	4.3	0.2	11.0	84.5	0.5
22-23	0.0	0.0	0.4	1.9	4.3	0.2	9.4	86.2	0.5
23-24	0.0	0.0	0.5	1.9	5.5	0.4	9.4	84.7	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.1% of all available observations in January between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.7: Hourly RVR RWY 34 and ceiling in January.

Runway Visual Range RWY 34 and Ceiling in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.6	1.4	2.8	0.4	17.9	78.9	48.1
01-02	0.0	0.0	0.3	1.1	2.4	0.3	16.6	80.6	0.7
02-03	0.0	0.0	0.6	1.1	3.1	0.5	14.8	81.6	0.7
03-04	0.0	0.0	0.7	1.4	3.6	0.1	12.5	83.8	0.7
04-05	0.0	0.0	0.1	1.0	3.0	0.3	11.1	85.6	0.8
05-06	0.0	0.0	0.3	1.1	4.3	0.8	10.0	85.0	0.7
06-07	0.0	0.1	0.4	1.9	5.1	0.9	9.2	84.8	0.7
07-08	0.0	0.1	0.9	2.4	5.0	1.4	9.4	84.3	0.7
08-09	0.0	0.2	0.9	2.6	5.0	1.3	10.5	83.2	1.0
09-10	0.0	0.1	0.7	1.5	4.0	1.2	11.8	83.0	0.7
10-11	0.0	0.1	0.3	1.0	2.0	1.3	13.2	83.6	0.7
11-12	0.0	0.0	0.1	0.4	1.0	1.1	14.6	83.4	0.9
12-13	0.0	0.0	0.1	0.2	0.3	0.9	16.0	82.7	0.9
13-14	0.0	0.0	0.0	0.1	0.5	0.4	18.7	80.4	0.7
14-15	0.0	0.0	0.0	0.0	0.6	0.3	21.2	77.9	0.9
15-16	0.0	0.0	0.0	0.1	0.3	0.8	22.8	76.0	0.7
16-17	0.0	0.0	0.0	0.1	0.3	0.7	24.3	74.7	0.7
17-18	0.0	0.0	0.0	0.1	0.3	0.5	24.6	74.6	0.8
18-19	0.0	0.0	0.1	0.1	0.5	0.2	26.2	73.2	0.7
19-20	0.0	0.0	0.1	0.3	0.4	0.3	25.6	73.7	1.4
20-21	0.0	0.0	0.1	0.3	0.5	0.3	25.0	74.2	0.8
21-22	0.0	0.0	0.2	0.4	0.9	0.2	23.5	75.5	0.6
22-23	0.0	0.1	0.3	0.5	1.5	0.4	22.6	75.6	0.7
23-24	0.0	0.1	0.3	0.4	1.7	0.3	20.6	77.4	1.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in February between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.8: Hourly RVR RWY 34 and ceiling in February.

Runway Visual Range RWY 34 and Ceiling in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.5	0.8	0.2	28.1	70.9	47.5
01-02	0.0	0.0	0.0	0.4	1.1	0.2	25.8	73.0	0.1
02-03	0.0	0.0	0.1	0.5	1.1	0.2	24.3	74.4	0.1
03-04	0.0	0.1	0.2	0.6	1.7	0.1	22.0	76.2	0.0
04-05	0.0	0.0	0.2	0.5	1.7	0.5	19.3	78.5	0.2
05-06	0.0	0.0	0.0	0.9	1.6	0.6	16.8	81.0	0.1
06-07	0.0	0.0	0.2	1.3	2.1	0.8	17.2	79.9	0.0
07-08	0.0	0.0	0.4	1.0	2.1	0.8	18.4	78.7	0.2
08-09	0.0	0.0	0.1	0.5	1.7	0.4	19.3	78.6	0.4
09-10	0.0	0.0	0.0	0.5	1.3	0.3	20.6	77.8	0.1
10-11	0.0	0.0	0.0	0.1	0.5	0.4	20.6	78.5	0.1
11-12	0.0	0.0	0.0	0.0	0.1	0.4	21.8	77.8	0.1
12-13	0.0	0.0	0.0	0.0	0.2	0.2	22.2	77.4	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.5	22.7	76.7	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.5	24.2	75.2	0.2
15-16	0.0	0.0	0.0	0.0	0.2	0.2	26.7	72.9	0.0
16-17	0.0	0.0	0.0	0.0	0.1	0.2	29.3	70.4	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	31.2	68.7	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.0	33.0	66.9	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	34.7	65.3	1.0
20-21	0.0	0.0	0.0	0.1	0.1	0.2	34.9	64.7	0.2
21-22	0.0	0.0	0.1	0.2	0.4	0.2	34.4	65.0	0.4
22-23	0.0	0.0	0.1	0.4	0.6	0.1	33.6	65.7	0.5
23-24	0.0	0.0	0.0	0.4	0.9	0.1	32.4	66.7	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.6% of all available observations in March between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.9: Hourly RVR RWY 34 and ceiling in March.

Runway Visual Range RWY 34 and Ceiling in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.2	0.2	43.7	55.8	48.5
01-02	0.0	0.0	0.0	0.0	0.6	0.1	40.5	58.8	0.4
02-03	0.0	0.0	0.0	0.1	0.6	0.3	37.9	61.2	0.4
03-04	0.0	0.0	0.0	0.1	0.8	0.2	34.0	65.0	0.4
04-05	0.0	0.0	0.1	0.2	0.7	0.6	29.5	69.2	0.2
05-06	0.0	0.0	0.1	0.6	1.1	0.2	30.4	68.3	0.4
06-07	0.0	0.0	0.1	0.5	0.9	0.1	31.7	67.3	0.4
07-08	0.0	0.0	0.0	0.2	0.5	0.1	31.8	67.6	0.4
08-09	0.0	0.0	0.0	0.0	0.1	0.1	30.4	69.3	0.4
09-10	0.0	0.0	0.0	0.0	0.1	0.1	28.3	71.5	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.0	24.5	75.4	0.3
11-12	0.0	0.0	0.0	0.0	0.0	0.1	21.1	78.8	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.4
14-15	0.0	0.0	0.0	0.0	0.1	0.0	17.7	82.2	0.4
15-16	0.0	0.0	0.0	0.0	0.1	0.0	19.5	80.4	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.1	24.1	75.8	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	29.7	70.3	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	35.6	64.4	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	39.5	60.5	1.2
20-21	0.0	0.0	0.0	0.0	0.0	0.0	43.2	56.8	0.3
21-22	0.0	0.0	0.0	0.1	0.1	0.0	44.4	55.5	0.2
22-23	0.0	0.0	0.0	0.1	0.1	0.1	44.9	54.8	0.5
23-24	0.0	0.0	0.0	0.0	0.1	0.1	43.6	56.2	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.1% of all available observations in April between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.10: Hourly RVR RWY 34 and ceiling in April.

Runway Visual Range RWY 34 and Ceiling in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.7	0.1	39.1	60.1	48.1
01-02	0.0	0.0	0.1	0.2	1.0	0.2	35.9	62.9	0.1
02-03	0.0	0.0	0.1	0.3	1.3	0.4	31.8	66.5	0.1
03-04	0.0	0.0	0.3	0.5	1.9	0.3	25.2	72.6	0.1
04-05	0.0	0.0	0.2	0.9	1.9	0.3	27.3	70.5	0.1
05-06	0.0	0.0	0.1	0.5	1.8	0.0	32.0	66.2	0.1
06-07	0.0	0.0	0.0	0.2	0.8	0.2	32.6	66.4	0.1
07-08	0.0	0.0	0.0	0.2	0.7	0.1	28.8	70.4	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.1	23.1	76.8	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	19.2	80.8	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	14.2	85.8	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	10.4	89.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.0	85.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.1	21.6	78.4	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	27.5	72.5	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	33.1	66.9	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.5	62.5	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	40.6	59.4	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.0	40.5	59.4	0.0
23-24	0.0	0.0	0.0	0.0	0.2	0.1	42.0	57.7	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in May between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.11: Hourly RVR RWY 34 and ceiling in May.

Runway Visual Range RWY 34 and Ceiling in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.1	0.1	0.2	40.1	59.5	47.7
01-02	0.0	0.0	0.0	0.0	0.1	0.2	39.1	60.5	0.1
02-03	0.0	0.0	0.0	0.1	0.4	0.2	32.9	66.5	0.1
03-04	0.0	0.0	0.1	0.2	0.9	0.4	26.5	72.2	0.0
04-05	0.0	0.0	0.0	0.5	1.1	0.1	31.2	67.6	0.1
05-06	0.0	0.0	0.0	0.1	0.6	0.2	33.3	65.9	0.1
06-07	0.0	0.0	0.1	0.3	0.6	0.1	32.3	66.9	0.1
07-08	0.0	0.0	0.0	0.1	0.2	0.0	28.3	71.5	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	24.2	75.8	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	19.0	81.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	13.9	86.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.1	88.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.2
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.2	91.8	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	7.6	92.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.1	9.0	90.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	11.6	88.3	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	25.9	74.1	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.7
20-21	0.0	0.0	0.0	0.0	0.1	0.0	31.7	68.2	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	37.2	62.8	0.2
22-23	0.0	0.0	0.0	0.0	0.2	0.0	40.1	59.7	0.1
23-24	0.0	0.0	0.0	0.0	0.2	0.0	41.8	58.0	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in June between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.12: Hourly RVR RWY 34 and ceiling in June.

Runway Visual Range RWY 34 and Ceiling in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.3	0.0	44.5	55.1	47.8
01-02	0.0	0.0	0.1	0.2	0.5	0.0	41.4	58.2	0.2
02-03	0.0	0.0	0.0	0.2	0.5	0.2	37.7	61.6	0.1
03-04	0.0	0.0	0.0	0.2	1.0	0.2	31.5	67.3	0.1
04-05	0.0	0.0	0.0	0.4	1.2	0.2	33.8	64.8	0.2
05-06	0.0	0.0	0.0	0.3	1.0	0.3	37.2	61.5	0.2
06-07	0.0	0.0	0.1	0.2	0.8	0.2	36.9	62.1	0.2
07-08	0.0	0.0	0.0	0.1	0.3	0.1	33.8	65.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.8	77.2	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	15.9	84.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.3	88.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.1	9.6	90.3	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.9	89.1	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	12.4	87.6	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	15.4	84.6	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.3	78.7	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.6	69.4	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	36.6	63.4	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.1	40.6	59.4	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	44.2	55.8	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.1	44.3	55.6	0.3
23-24	0.0	0.0	0.1	0.1	0.1	0.2	45.4	54.3	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in July between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.13: Hourly RVR RWY 34 and ceiling in July.

Runway Visual Range RWY 34 and Ceiling in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.3	0.0	38.7	61.0	48.1
01-02	0.0	0.0	0.1	0.3	0.5	0.0	35.6	63.9	0.2
02-03	0.0	0.0	0.0	0.3	0.4	0.2	29.9	69.5	0.1
03-04	0.0	0.0	0.0	0.2	0.8	0.1	23.8	75.3	0.2
04-05	0.0	0.0	0.1	0.6	1.4	0.4	21.7	76.5	0.1
05-06	0.0	0.0	0.1	0.9	2.2	0.8	26.4	70.7	0.1
06-07	0.0	0.0	0.0	0.6	1.4	0.3	29.2	69.0	0.1
07-08	0.0	0.0	0.0	0.1	0.6	0.0	29.9	69.5	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	28.6	71.4	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	25.6	74.4	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	20.0	80.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	15.2	84.8	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	12.2	87.8	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	11.8	88.2	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.0	13.2	86.8	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	14.1	85.9	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	19.3	80.7	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	27.2	72.8	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	34.0	66.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	38.6	61.4	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	41.2	58.8	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	42.1	57.9	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.0	41.9	58.0	0.3
23-24	0.0	0.0	0.0	0.0	0.2	0.1	39.7	60.1	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in August between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.14: Hourly RVR RWY 34 and ceiling in August.

Runway Visual Range RWY 34 and Ceiling in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.4	0.5	0.6	23.5	75.5	47.9
01-02	0.0	0.0	0.0	0.3	1.1	0.5	20.4	78.0	0.3
02-03	0.0	0.0	0.2	0.7	2.7	0.1	15.3	81.9	0.0
03-04	0.0	0.0	0.2	1.4	4.4	0.4	12.0	83.1	0.1
04-05	0.0	0.0	0.2	1.7	5.5	0.5	9.8	84.2	0.1
05-06	0.0	0.0	0.3	1.9	6.4	0.7	10.6	82.3	0.1
06-07	0.0	0.0	0.4	2.2	6.7	0.7	13.6	79.0	0.2
07-08	0.0	0.0	0.2	2.0	5.3	0.4	14.3	80.0	0.2
08-09	0.0	0.0	0.1	1.6	3.6	0.0	15.3	81.2	0.1
09-10	0.0	0.0	0.0	0.2	1.1	0.2	17.8	80.9	0.0
10-11	0.0	0.0	0.0	0.0	0.1	0.0	16.4	83.5	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.1	16.3	83.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.3	82.7	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	19.5	80.5	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	22.1	77.9	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	24.7	75.3	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	29.2	70.8	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	34.8	65.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	38.5	61.5	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	38.9	61.1	0.7
20-21	0.0	0.0	0.0	0.0	0.1	0.0	35.9	64.0	0.2
21-22	0.0	0.0	0.0	0.0	0.1	0.0	35.9	64.0	0.1
22-23	0.0	0.0	0.0	0.2	0.5	0.1	32.1	67.4	0.2
23-24	0.0	0.0	0.1	0.4	0.9	0.1	27.2	71.8	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.4% of all available observations in September between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.15: Hourly RVR RWY 34 and ceiling in September.

Runway Visual Range RWY 34 and Ceiling in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.7	2.2	6.2	0.7	11.1	82.0	48.3
01-02	0.0	0.0	0.4	2.9	8.0	0.5	9.3	82.2	0.2
02-03	0.0	0.0	0.2	2.9	9.4	0.3	8.5	81.8	0.2
03-04	0.0	0.0	0.5	3.5	10.9	0.3	7.5	81.3	0.2
04-05	0.0	0.0	0.2	3.6	11.9	0.5	6.2	81.4	0.2
05-06	0.0	0.0	0.2	4.0	11.3	1.4	5.9	81.4	0.3
06-07	0.0	0.0	0.7	5.9	11.8	1.1	5.3	81.8	0.2
07-08	0.0	0.0	0.8	6.6	11.9	0.6	6.6	80.9	0.2
08-09	0.0	0.0	0.1	3.8	9.8	0.6	7.9	81.7	0.1
09-10	0.0	0.0	0.2	2.4	6.3	0.4	9.8	83.6	0.1
10-11	0.0	0.0	0.1	1.5	3.5	0.2	12.7	83.7	0.1
11-12	0.0	0.0	0.0	0.4	1.1	0.1	14.7	84.1	0.2
12-13	0.0	0.0	0.0	0.1	0.1	0.0	18.2	81.7	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.0	21.8	78.2	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.0	25.0	75.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.1	29.1	70.9	0.2
16-17	0.0	0.0	0.0	0.2	0.3	0.1	32.2	67.5	0.2
17-18	0.0	0.0	0.0	0.4	0.4	0.0	31.8	67.8	0.1
18-19	0.0	0.0	0.0	0.4	0.7	0.0	28.6	70.7	0.2
19-20	0.0	0.0	0.0	0.5	0.9	0.1	23.4	75.6	0.7
20-21	0.0	0.0	0.1	0.6	1.1	0.2	19.2	79.5	0.4
21-22	0.0	0.0	0.0	0.7	1.8	0.1	16.2	82.0	0.2
22-23	0.0	0.0	0.1	0.9	3.3	0.4	13.3	83.0	0.3
23-24	0.0	0.0	0.2	1.6	4.8	0.8	11.1	83.2	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.5% of all available observations in October between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.16: Hourly RVR RWY 34 and ceiling in October.

Runway Visual Range RWY 34 and Ceiling in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.5	4.2	10.8	0.8	8.2	80.1	47.5
01-02	0.0	0.0	0.4	3.6	11.1	0.8	8.0	80.1	0.2
02-03	0.0	0.0	0.3	4.0	12.4	0.7	7.6	79.3	0.3
03-04	0.0	0.0	0.4	4.0	12.9	0.5	6.4	80.3	0.2
04-05	0.0	0.0	0.4	4.8	13.0	0.6	5.9	80.5	0.1
05-06	0.0	0.0	0.7	4.6	12.6	1.0	5.1	81.2	0.2
06-07	0.0	0.0	0.6	4.6	11.2	1.2	3.7	83.9	0.3
07-08	0.0	0.0	1.0	5.0	11.2	1.2	4.3	83.3	0.1
08-09	0.0	0.0	0.8	4.0	9.8	0.7	5.1	84.4	0.1
09-10	0.0	0.0	0.5	3.0	7.7	0.5	5.2	86.6	0.2
10-11	0.0	0.0	0.2	2.0	5.7	0.1	6.3	87.9	0.2
11-12	0.0	0.0	0.2	1.4	3.8	0.1	8.0	88.1	0.2
12-13	0.0	0.0	0.1	1.2	2.5	0.0	9.9	87.6	0.3
13-14	0.0	0.0	0.0	0.4	1.5	0.2	12.8	85.5	0.7
14-15	0.0	0.0	0.1	0.7	1.7	0.1	15.6	82.6	0.4
15-16	0.0	0.0	0.0	1.0	1.9	0.3	17.7	80.0	0.4
16-17	0.0	0.0	0.0	0.8	2.7	0.2	17.3	79.8	0.3
17-18	0.0	0.0	0.0	1.1	3.3	0.2	18.0	78.5	0.5
18-19	0.0	0.0	0.1	1.4	3.8	0.3	17.0	78.9	0.4
19-20	0.0	0.0	0.0	1.3	4.8	0.2	14.3	80.8	1.5
20-21	0.0	0.0	0.0	1.9	5.9	0.4	12.9	80.9	0.4
21-22	0.0	0.0	0.1	2.5	7.1	0.3	11.1	81.5	0.3
22-23	0.0	0.0	0.6	2.8	8.2	0.2	9.2	82.5	0.2
23-24	0.0	0.0	0.4	3.1	8.9	0.6	8.6	81.9	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4% of all available observations in November between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.17: Hourly RVR RWY 34 and ceiling in November.

Runway Visual Range RWY 34 and Ceiling in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 34 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	3.4	9.5	0.6	7.4	82.6	47.6
01-02	0.0	0.0	0.2	3.1	9.7	1.0	8.1	81.1	0.2
02-03	0.0	0.0	0.5	4.2	11.3	0.7	7.2	80.8	0.1
03-04	0.0	0.0	0.2	3.8	11.6	0.3	6.5	81.5	0.0
04-05	0.0	0.0	0.3	4.3	11.5	0.7	6.0	81.8	0.1
05-06	0.0	0.0	0.2	3.9	10.9	1.2	5.6	82.3	0.1
06-07	0.0	0.0	0.4	2.9	9.9	1.1	4.9	84.1	0.2
07-08	0.0	0.0	0.4	3.1	9.8	1.3	5.2	83.7	0.3
08-09	0.0	0.0	0.6	3.6	9.6	1.4	5.3	83.7	0.1
09-10	0.0	0.0	0.4	3.0	8.3	1.1	5.4	85.2	0.2
10-11	0.0	0.0	0.2	1.9	6.6	1.1	6.3	85.9	0.1
11-12	0.0	0.0	0.2	2.1	4.8	0.6	7.1	87.5	0.2
12-13	0.0	0.0	0.1	1.6	3.5	0.5	8.6	87.4	0.1
13-14	0.0	0.0	0.0	1.4	3.2	0.8	11.4	84.6	0.2
14-15	0.0	0.0	0.4	1.4	2.7	0.6	11.4	85.3	0.1
15-16	0.0	0.0	0.4	2.0	3.5	0.7	11.3	84.6	0.2
16-17	0.0	0.0	0.2	2.1	4.7	0.4	11.5	83.4	0.1
17-18	0.0	0.0	0.0	2.4	5.7	0.5	11.5	82.3	0.2
18-19	0.0	0.0	0.2	2.8	6.1	0.4	10.9	82.6	0.1
19-20	0.0	0.0	0.2	2.8	6.6	0.2	10.4	82.7	0.5
20-21	0.0	0.0	0.2	3.2	7.9	0.2	9.7	82.2	0.0
21-22	0.0	0.0	0.3	3.3	8.6	0.5	8.7	82.2	0.1
22-23	0.0	0.0	0.2	2.9	8.6	0.8	8.5	82.1	0.1
23-24	0.0	0.0	0.4	3.2	9.5	0.7	8.6	81.2	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.8% of all available observations in December between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.8.18: Hourly RVR RWY 34 and ceiling in December.

3.9 RVR RWY 14 (32) and Ceiling

In the following tables the cumulative frequencies in percent of RVR relative to runway 14 (32) or base height of the lowest cloud layer of BKN or OVC extent below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.9.1 Hourly RVR RWY 14 (32) and Ceiling 27 years

Runway Visual Range RWY 14 (32) and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.7	2.6	6.6	0.3	25.9	67.1	47.9
01-02	0.0	0.0	0.8	2.9	7.2	0.4	24.1	68.3	0.3
02-03	0.0	0.0	0.8	3.4	8.2	0.5	21.3	70.0	0.2
03-04	0.0	0.0	0.8	3.6	9.2	0.6	18.0	72.2	0.2
04-05	0.0	0.0	0.8	3.6	9.3	0.7	17.4	72.6	0.2
05-06	0.0	0.0	1.0	3.8	9.0	0.9	18.3	71.8	0.2
06-07	0.0	0.1	1.1	3.5	7.6	0.9	18.6	72.9	0.2
07-08	0.0	0.1	1.0	2.9	6.4	0.9	18.1	74.6	0.2
08-09	0.0	0.0	0.7	2.3	5.2	0.7	17.1	77.0	0.2
09-10	0.0	0.0	0.5	1.4	3.7	0.5	16.0	79.8	0.2
10-11	0.0	0.0	0.2	0.8	2.2	0.4	14.2	83.2	0.2
11-12	0.0	0.0	0.1	0.5	1.4	0.4	13.2	85.0	0.2
12-13	0.0	0.0	0.0	0.3	0.9	0.2	13.1	85.8	0.2
13-14	0.0	0.0	0.0	0.3	0.7	0.3	14.2	84.8	0.3
14-15	0.0	0.0	0.1	0.3	0.7	0.2	15.7	83.4	0.2
15-16	0.0	0.0	0.1	0.4	0.8	0.3	17.5	81.4	0.2
16-17	0.0	0.0	0.1	0.4	1.0	0.3	20.2	78.6	0.2
17-18	0.0	0.0	0.0	0.5	1.2	0.2	23.6	75.1	0.2
18-19	0.0	0.0	0.1	0.6	1.5	0.2	26.7	71.6	0.2
19-20	0.0	0.0	0.1	0.8	2.0	0.1	28.0	69.8	0.9
20-21	0.0	0.0	0.2	1.1	2.8	0.2	28.6	68.4	0.3
21-22	0.0	0.0	0.3	1.4	3.7	0.1	29.1	67.1	0.2
22-23	0.0	0.0	0.5	1.9	4.3	0.3	28.4	67.0	0.3
23-24	0.0	0.0	0.7	2.3	5.3	0.3	27.6	66.8	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.6% of all available observations between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.1: Hourly RVR RWY 14 (32) and ceiling 27 years.

3.9.2 Monthly RVR RWY 14 (32) and Ceiling 27 years

Runway Visual Range RWY 14 (32) and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 14 [m] and Ceiling [ft]								
	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
January	0.0	0.0	0.9	2.8	6.7	1.0	9.2	83.2	2.5
February	0.0	0.0	0.7	1.5	3.5	0.8	17.6	78.2	2.8
March	0.0	0.1	0.5	1.0	1.9	0.5	25.5	72.1	2.2
April	0.0	0.0	0.2	0.4	0.9	0.1	31.4	67.6	2.4
May	0.0	0.0	0.2	0.4	1.0	0.1	25.3	73.6	2.1
June	0.0	0.0	0.1	0.2	0.6	0.1	24.7	74.6	2.1
July	0.0	0.0	0.0	0.2	0.5	0.1	28.7	70.7	2.2
August	0.0	0.0	0.1	0.3	1.0	0.1	27.3	71.6	2.1
September	0.0	0.0	0.6	1.8	4.8	0.2	22.5	72.5	2.1
October	0.0	0.0	1.0	4.2	9.5	0.5	15.7	74.3	2.2
November	0.0	0.0	0.8	4.2	10.2	0.7	9.9	79.1	2.3
December	0.0	0.0	0.4	3.5	9.3	1.0	8.3	81.5	2.1

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.4% of all available observations in April showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.2: Monthly RVR RWY 14 (32) and ceiling 27 years.

3.9.3 Hourly RVR RWY 14 (32) and Ceiling per Season

Runway Visual Range RWY 14 (32) and Ceiling in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.0	4.0	10.0	0.5	11.2	78.4	47.8
01-02	0.0	0.0	0.9	3.8	9.6	0.8	10.8	78.8	0.5
02-03	0.0	0.0	1.1	4.3	10.3	0.8	9.7	79.2	0.4
03-04	0.0	0.0	0.9	4.3	10.9	0.8	8.7	79.5	0.4
04-05	0.0	0.0	0.9	4.2	10.7	1.0	8.0	80.3	0.5
05-06	0.0	0.0	0.8	4.2	10.9	1.3	7.2	80.5	0.5
06-07	0.0	0.0	0.8	3.8	10.1	1.4	6.7	81.9	0.4
07-08	0.0	0.1	1.4	3.7	9.8	2.0	6.8	81.4	0.5
08-09	0.0	0.0	1.4	4.1	9.5	1.8	7.1	81.5	0.5
09-10	0.0	0.0	1.2	2.9	8.0	1.5	7.5	83.0	0.4
10-11	0.0	0.0	0.6	1.9	5.2	1.2	8.5	85.1	0.4
11-12	0.0	0.0	0.3	1.4	3.8	1.1	9.5	85.6	0.6
12-13	0.0	0.0	0.2	1.0	2.6	0.8	10.8	85.9	0.5
13-14	0.0	0.0	0.2	0.9	2.2	0.8	13.1	83.9	0.5
14-15	0.0	0.0	0.3	0.9	2.2	0.6	14.6	82.7	0.5
15-16	0.0	0.0	0.4	1.2	2.3	0.9	15.4	81.5	0.5
16-17	0.0	0.0	0.3	1.2	2.6	0.7	16.2	80.5	0.4
17-18	0.0	0.0	0.1	1.5	3.2	0.5	16.6	79.7	0.5
18-19	0.0	0.0	0.2	1.6	3.5	0.5	16.4	79.6	0.5
19-20	0.0	0.0	0.3	2.0	4.4	0.4	15.8	79.5	1.0
20-21	0.0	0.0	0.4	2.3	5.6	0.4	15.2	78.8	0.4
21-22	0.0	0.0	0.6	2.6	6.7	0.4	14.1	78.9	0.4
22-23	0.0	0.0	0.8	3.3	7.2	0.7	13.2	79.0	0.4
23-24	0.0	0.1	1.0	3.6	8.3	0.7	12.6	78.4	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.3% of all available observations in Winter (DJF) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.3: Hourly RVR RWY 14 (32) and ceiling in Winter.

Runway Visual Range RWY 14 (32) and Ceiling in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.2	0.8	1.7	0.3	36.9	61.1	48.0
01-02	0.0	0.0	0.5	1.2	2.4	0.2	34.0	63.4	0.2
02-03	0.0	0.0	0.5	1.5	3.5	0.4	31.3	64.9	0.2
03-04	0.0	0.1	0.8	1.9	4.3	0.4	27.0	68.3	0.2
04-05	0.0	0.0	0.9	2.2	4.5	0.7	25.3	69.5	0.2
05-06	0.0	0.1	1.2	2.3	4.3	0.5	26.3	68.9	0.2
06-07	0.0	0.1	1.0	1.7	3.0	0.6	27.1	69.3	0.1
07-08	0.0	0.1	0.5	1.0	1.9	0.6	26.3	71.3	0.2
08-09	0.0	0.0	0.2	0.4	1.2	0.2	24.2	74.4	0.3
09-10	0.0	0.0	0.1	0.3	0.7	0.2	22.6	76.5	0.2
10-11	0.0	0.0	0.0	0.0	0.2	0.2	19.7	79.9	0.2
11-12	0.0	0.0	0.0	0.0	0.1	0.2	17.7	82.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.1	16.0	83.9	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.2	16.0	83.7	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.2	16.8	82.9	0.2
15-16	0.0	0.0	0.0	0.0	0.1	0.1	18.9	80.9	0.2
16-17	0.0	0.0	0.0	0.0	0.0	0.1	22.8	77.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	27.5	72.4	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.0	32.0	67.9	0.1
19-20	0.0	0.0	0.0	0.0	0.1	0.0	35.7	64.2	1.0
20-21	0.0	0.0	0.0	0.0	0.2	0.1	38.5	61.2	0.2
21-22	0.0	0.0	0.0	0.2	0.4	0.1	39.7	59.8	0.2
22-23	0.0	0.0	0.1	0.3	0.6	0.1	39.6	59.6	0.3
23-24	0.0	0.0	0.2	0.4	1.1	0.1	39.3	59.5	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.9% of all available observations in Spring (MAM) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.4: Hourly RVR RWY 14 (32) and ceiling in Spring.

Runway Visual Range RWY 14 (32) and Ceiling in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.3	1.1	0.0	41.1	57.7	47.9
01-02	0.0	0.0	0.1	0.3	1.5	0.1	38.7	59.8	0.1
02-03	0.0	0.0	0.1	0.7	2.1	0.2	33.5	64.1	0.1
03-04	0.0	0.0	0.2	1.0	3.4	0.2	27.3	69.0	0.1
04-05	0.0	0.0	0.5	1.4	3.5	0.3	28.9	67.4	0.1
05-06	0.0	0.0	0.5	1.3	2.6	0.4	32.3	64.6	0.2
06-07	0.0	0.0	0.1	0.5	1.5	0.3	32.8	65.3	0.1
07-08	0.0	0.0	0.0	0.1	0.4	0.0	30.7	68.9	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	27.3	72.7	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.5	77.5	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	12.6	87.4	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	10.5	89.5	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	11.9	88.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.5	84.5	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.9	78.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.2	69.8	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	34.8	65.2	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.9	62.0	0.1
21-22	0.0	0.0	0.0	0.0	0.1	0.0	41.2	58.7	0.1
22-23	0.0	0.0	0.0	0.0	0.3	0.0	42.2	57.5	0.2
23-24	0.0	0.0	0.1	0.1	0.6	0.1	42.3	57.1	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1% of all available observations in Summer (JJA) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.5: Hourly RVR RWY 14 (32) and ceiling in Summer.

Runway Visual Range RWY 14 (32) and Ceiling in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.4	5.5	13.9	0.5	14.2	71.4	47.9
01-02	0.0	0.0	1.6	6.4	15.4	0.7	12.5	71.4	0.3
02-03	0.0	0.0	1.7	7.0	17.0	0.8	10.4	71.8	0.2
03-04	0.0	0.0	1.3	7.2	18.3	0.9	8.6	72.3	0.1
04-05	0.0	0.0	1.0	6.7	18.7	0.8	7.3	73.2	0.1
05-06	0.0	0.0	1.6	7.3	18.3	1.3	7.2	73.2	0.2
06-07	0.0	0.1	2.4	8.0	16.1	1.3	7.5	75.1	0.2
07-08	0.0	0.0	2.1	6.8	13.6	1.1	8.4	76.9	0.2
08-09	0.0	0.1	1.1	4.8	10.3	0.6	9.4	79.6	0.1
09-10	0.0	0.0	0.6	2.6	6.3	0.5	10.9	82.3	0.1
10-11	0.0	0.0	0.1	1.3	3.7	0.2	11.8	84.3	0.1
11-12	0.0	0.0	0.1	0.6	1.9	0.2	13.0	84.9	0.1
12-13	0.0	0.0	0.0	0.4	0.9	0.1	15.2	83.8	0.2
13-14	0.0	0.0	0.0	0.2	0.6	0.1	18.1	81.2	0.3
14-15	0.0	0.0	0.0	0.2	0.6	0.1	20.9	78.4	0.2
15-16	0.0	0.0	0.1	0.5	0.9	0.2	23.9	75.0	0.2
16-17	0.0	0.0	0.1	0.5	1.3	0.2	26.3	72.2	0.2
17-18	0.0	0.0	0.0	0.7	1.6	0.1	28.2	70.1	0.2
18-19	0.0	0.0	0.0	0.8	2.4	0.2	28.0	69.4	0.2
19-20	0.0	0.0	0.2	1.4	3.6	0.1	25.5	70.7	1.0
20-21	0.0	0.0	0.3	2.0	5.5	0.1	22.6	71.7	0.3
21-22	0.0	0.0	0.6	3.1	7.7	0.1	21.0	71.2	0.2
22-23	0.0	0.0	1.1	3.8	9.3	0.3	18.1	72.3	0.3
23-24	0.0	0.0	1.5	5.0	11.4	0.5	15.6	72.6	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 7.2% of all available observations in Autumn (SON) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.6: Hourly RVR RWY 14 (32) and ceiling in Autumn.

3.9.4 Hourly RVR RWY 14 (32) and Ceiling per Month

Runway Visual Range RWY 14 (32) and Ceiling in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	1.6	4.6	10.3	0.8	8.9	80.0	47.6
01-02	0.0	0.1	1.3	4.1	10.2	0.8	8.2	80.9	0.6
02-03	0.0	0.0	1.0	4.3	10.5	0.8	7.6	81.1	0.4
03-04	0.0	0.0	1.0	4.6	10.9	1.4	7.5	80.2	0.5
04-05	0.0	0.0	1.1	4.0	11.0	1.1	7.2	80.6	0.5
05-06	0.0	0.0	0.7	4.3	11.7	1.1	6.3	81.0	0.5
06-07	0.0	0.0	0.9	3.9	10.6	1.6	6.2	81.7	0.5
07-08	0.0	0.1	1.7	3.8	10.2	2.3	6.0	81.5	0.5
08-09	0.0	0.0	2.2	4.6	9.4	2.2	5.9	82.5	0.4
09-10	0.0	0.0	1.7	3.1	7.9	1.7	5.8	84.6	0.4
10-11	0.0	0.0	1.1	2.1	5.0	0.8	6.4	87.8	0.5
11-12	0.0	0.0	0.5	1.6	4.2	1.3	7.3	87.2	0.5
12-13	0.0	0.0	0.2	0.9	2.6	0.8	8.3	88.3	0.4
13-14	0.0	0.0	0.2	0.8	2.1	0.4	9.8	87.7	0.5
14-15	0.0	0.0	0.5	0.9	2.2	0.6	11.7	85.5	0.4
15-16	0.0	0.0	0.6	1.2	2.6	0.7	12.7	84.0	0.5
16-17	0.0	0.0	0.5	1.1	2.2	0.9	13.4	83.5	0.5
17-18	0.0	0.0	0.4	1.3	2.5	0.4	14.3	82.8	0.4
18-19	0.0	0.0	0.4	1.3	3.0	0.7	13.1	83.2	0.6
19-20	0.0	0.0	0.7	1.9	4.1	0.4	12.3	83.2	1.0
20-21	0.0	0.0	0.5	2.4	5.8	0.6	11.8	81.8	0.5
21-22	0.0	0.0	0.8	2.8	6.7	0.2	11.0	82.0	0.5
22-23	0.0	0.0	1.4	4.3	7.3	0.5	9.4	82.9	0.5
23-24	0.0	0.0	1.3	4.1	9.1	0.8	9.4	80.8	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.6% of all available observations in January between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.7: Hourly RVR RWY 14 (32) and ceiling in January.

Runway Visual Range RWY 14 (32) and Ceiling in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.0	2.5	4.8	0.1	17.9	77.1	48.1
01-02	0.0	0.0	0.9	2.2	4.7	0.6	16.6	78.1	0.7
02-03	0.0	0.0	1.6	3.0	6.1	0.5	14.8	78.6	0.7
03-04	0.0	0.0	1.5	3.4	7.3	0.3	12.5	79.9	0.7
04-05	0.0	0.0	1.5	3.4	6.8	0.7	11.1	81.4	0.8
05-06	0.0	0.1	1.3	3.3	7.9	1.1	10.0	81.1	0.7
06-07	0.0	0.1	1.2	3.5	7.3	1.0	9.2	82.5	0.7
07-08	0.0	0.2	2.0	3.4	7.5	1.8	9.4	81.4	0.7
08-09	0.0	0.1	1.6	3.7	7.8	1.3	10.5	80.4	1.0
09-10	0.0	0.0	1.3	2.2	6.3	1.4	11.8	80.5	0.7
10-11	0.0	0.0	0.4	1.2	3.1	1.7	13.2	82.0	0.7
11-12	0.0	0.0	0.1	0.5	1.8	1.3	14.6	82.3	0.9
12-13	0.0	0.0	0.1	0.2	1.1	1.0	16.0	81.9	0.9
13-14	0.0	0.0	0.0	0.1	0.7	0.9	18.7	79.7	0.7
14-15	0.0	0.0	0.0	0.0	0.9	0.4	21.2	77.6	0.9
15-16	0.0	0.0	0.0	0.1	0.3	0.9	22.8	75.9	0.7
16-17	0.0	0.0	0.0	0.0	0.2	0.7	24.3	74.9	0.7
17-18	0.0	0.0	0.0	0.1	0.3	0.5	24.6	74.6	0.8
18-19	0.0	0.0	0.1	0.1	0.5	0.2	26.2	73.2	0.7
19-20	0.0	0.0	0.1	0.3	0.6	0.5	25.6	73.3	1.4
20-21	0.0	0.0	0.1	0.3	0.7	0.3	25.0	74.0	0.8
21-22	0.0	0.1	0.3	0.9	1.6	0.3	23.5	74.7	0.6
22-23	0.0	0.1	0.6	1.3	2.4	0.5	22.6	74.5	0.7
23-24	0.0	0.1	0.8	1.4	2.9	0.4	20.6	76.1	1.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.4% of all available observations in February between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.8: Hourly RVR RWY 14 (32) and ceiling in February.

Runway Visual Range RWY 14 (32) and Ceiling in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.7	1.4	1.9	0.5	28.1	69.5	47.5
01-02	0.0	0.0	0.7	2.1	3.0	0.2	25.8	71.1	0.1
02-03	0.0	0.1	1.0	2.3	4.1	0.4	24.3	71.2	0.1
03-04	0.0	0.2	1.2	2.7	5.0	0.4	22.0	72.6	0.0
04-05	0.0	0.0	1.1	2.8	5.5	0.9	19.3	74.3	0.2
05-06	0.0	0.1	1.7	3.3	6.5	1.0	16.8	75.8	0.1
06-07	0.0	0.4	2.1	3.2	5.1	1.4	17.2	76.3	0.0
07-08	0.0	0.4	1.3	2.2	3.8	1.5	18.4	76.3	0.2
08-09	0.0	0.1	0.7	1.2	2.9	0.5	19.3	77.3	0.4
09-10	0.0	0.0	0.3	0.8	1.7	0.5	20.6	77.2	0.1
10-11	0.0	0.0	0.0	0.1	0.3	0.5	20.6	78.5	0.1
11-12	0.0	0.0	0.0	0.1	0.1	0.3	21.8	77.8	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.3	22.2	77.4	0.3
13-14	0.0	0.0	0.0	0.0	0.2	0.5	22.7	76.6	0.2
14-15	0.0	0.0	0.0	0.0	0.4	0.4	24.2	75.1	0.2
15-16	0.0	0.0	0.0	0.0	0.3	0.2	26.7	72.8	0.0
16-17	0.0	0.0	0.0	0.0	0.1	0.3	29.3	70.3	0.1
17-18	0.0	0.0	0.0	0.0	0.1	0.2	31.2	68.5	0.1
18-19	0.0	0.0	0.0	0.0	0.2	0.1	33.0	66.7	0.0
19-20	0.0	0.0	0.0	0.0	0.2	0.0	34.7	65.0	1.0
20-21	0.0	0.0	0.1	0.1	0.5	0.3	34.9	64.3	0.2
21-22	0.0	0.0	0.1	0.4	0.8	0.4	34.4	64.5	0.4
22-23	0.0	0.0	0.2	0.7	1.1	0.3	33.6	65.0	0.5
23-24	0.0	0.0	0.4	0.8	1.9	0.1	32.4	65.7	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.7% of all available observations in March between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.9: Hourly RVR RWY 14 (32) and ceiling in March.

Runway Visual Range RWY 14 (32) and Ceiling in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.4	1.4	0.2	43.7	54.6	48.5
01-02	0.0	0.1	0.4	0.6	1.8	0.2	40.5	57.5	0.4
02-03	0.0	0.0	0.2	0.9	2.5	0.3	37.9	59.3	0.4
03-04	0.0	0.0	0.4	1.2	3.3	0.2	34.0	62.5	0.4
04-05	0.0	0.0	0.9	1.8	3.8	0.5	29.5	66.2	0.2
05-06	0.0	0.2	1.2	2.0	3.3	0.2	30.4	66.1	0.4
06-07	0.0	0.0	0.6	1.2	2.2	0.1	31.7	66.0	0.4
07-08	0.0	0.0	0.1	0.5	1.1	0.1	31.8	67.0	0.4
08-09	0.0	0.0	0.0	0.1	0.5	0.1	30.4	69.0	0.4
09-10	0.0	0.0	0.0	0.0	0.2	0.1	28.3	71.4	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.1	24.5	75.3	0.3
11-12	0.0	0.0	0.0	0.0	0.1	0.2	21.1	78.6	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.4
14-15	0.0	0.0	0.0	0.0	0.0	0.1	17.7	82.2	0.4
15-16	0.0	0.0	0.0	0.0	0.0	0.1	19.5	80.4	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.1	24.1	75.8	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	29.7	70.3	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	35.6	64.4	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	39.5	60.5	1.2
20-21	0.0	0.0	0.0	0.0	0.1	0.0	43.2	56.7	0.3
21-22	0.0	0.0	0.0	0.1	0.1	0.0	44.4	55.5	0.2
22-23	0.0	0.0	0.0	0.1	0.3	0.1	44.9	54.7	0.5
23-24	0.0	0.0	0.0	0.1	0.5	0.1	43.6	55.7	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.2% of all available observations in April between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.10: Hourly RVR RWY 14 (32) and ceiling in April.

Runway Visual Range RWY 14 (32) and Ceiling in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.7	1.8	0.1	39.1	58.9	48.1
01-02	0.0	0.0	0.4	1.0	2.3	0.2	35.9	61.5	0.1
02-03	0.0	0.0	0.3	1.3	3.8	0.5	31.8	64.0	0.1
03-04	0.0	0.0	0.8	1.7	4.5	0.4	25.2	69.8	0.1
04-05	0.0	0.0	0.8	1.9	4.1	0.7	27.3	68.0	0.1
05-06	0.0	0.0	0.8	1.7	3.0	0.3	32.0	64.7	0.1
06-07	0.0	0.0	0.2	0.7	1.7	0.2	32.6	65.5	0.1
07-08	0.0	0.0	0.0	0.2	0.7	0.1	28.8	70.4	0.0
08-09	0.0	0.0	0.0	0.0	0.1	0.0	23.1	76.8	0.0
09-10	0.0	0.0	0.0	0.0	0.1	0.0	19.2	80.7	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.0	14.2	85.7	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	10.4	89.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.0	85.0	0.0
17-18	0.0	0.0	0.0	0.0	0.1	0.0	21.6	78.4	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	27.5	72.5	0.1
19-20	0.0	0.0	0.0	0.0	0.1	0.0	33.1	66.8	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.5	62.5	0.0
21-22	0.0	0.0	0.0	0.0	0.2	0.0	40.6	59.2	0.1
22-23	0.0	0.0	0.1	0.1	0.5	0.0	40.5	59.0	0.0
23-24	0.0	0.0	0.1	0.3	0.9	0.1	42.0	57.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.7% of all available observations in May between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.11: Hourly RVR RWY 14 (32) and ceiling in May.

Runway Visual Range RWY 14 (32) and Ceiling in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.2	1.1	0.1	40.1	58.7	47.7
01-02	0.0	0.0	0.1	0.1	1.0	0.2	39.1	59.7	0.1
02-03	0.0	0.0	0.2	0.9	1.9	0.4	32.9	64.8	0.1
03-04	0.0	0.1	0.5	1.0	3.6	0.2	26.5	69.6	0.0
04-05	0.0	0.0	0.7	1.5	2.7	0.2	31.2	65.9	0.1
05-06	0.0	0.0	0.2	0.7	1.5	0.2	33.3	65.0	0.1
06-07	0.0	0.0	0.1	0.3	0.7	0.2	32.3	66.7	0.1
07-08	0.0	0.0	0.0	0.1	0.2	0.0	28.3	71.5	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	24.2	75.8	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	19.0	81.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	13.9	86.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.1	88.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.2
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.2	91.8	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	7.6	92.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.1	9.0	90.9	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	11.6	88.3	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	25.9	74.1	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.1	31.7	68.2	0.0
21-22	0.0	0.0	0.0	0.1	0.1	0.0	37.2	62.6	0.2
22-23	0.0	0.0	0.0	0.1	0.4	0.1	40.1	59.5	0.1
23-24	0.0	0.0	0.1	0.1	0.6	0.0	41.8	57.6	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1% of all available observations in June between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.12: Hourly RVR RWY 14 (32) and ceiling in June.

Runway Visual Range RWY 14 (32) and Ceiling in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.8	0.0	44.5	54.7	47.8
01-02	0.0	0.0	0.1	0.2	1.1	0.0	41.4	57.5	0.2
02-03	0.0	0.0	0.0	0.4	1.7	0.2	37.7	60.5	0.1
03-04	0.0	0.0	0.1	0.8	2.8	0.2	31.5	65.5	0.1
04-05	0.0	0.1	0.5	1.3	2.9	0.3	33.8	63.0	0.2
05-06	0.0	0.0	0.3	0.8	1.8	0.4	37.2	60.7	0.2
06-07	0.0	0.0	0.1	0.3	1.1	0.2	36.9	61.9	0.2
07-08	0.0	0.0	0.0	0.1	0.3	0.1	33.8	65.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.8	77.2	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	15.9	84.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.3	88.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.1	9.6	90.3	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.9	89.1	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	12.4	87.6	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	15.4	84.6	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.3	78.7	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.6	69.4	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	36.6	63.4	0.8
20-21	0.0	0.0	0.0	0.1	0.1	0.1	40.6	59.3	0.1
21-22	0.0	0.0	0.0	0.0	0.1	0.0	44.2	55.8	0.2
22-23	0.0	0.0	0.0	0.0	0.2	0.1	44.3	55.4	0.3
23-24	0.0	0.0	0.1	0.1	0.3	0.2	45.4	54.1	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.8% of all available observations in July between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.13: Hourly RVR RWY 14 (32) and ceiling in July.

Runway Visual Range RWY 14 (32) and Ceiling in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.2	0.5	1.5	0.0	38.7	59.8	48.1
01-02	0.0	0.0	0.1	0.7	2.3	0.0	35.6	62.1	0.2
02-03	0.0	0.0	0.1	0.9	2.8	0.2	29.9	67.1	0.1
03-04	0.0	0.0	0.1	1.3	3.9	0.3	23.8	72.0	0.2
04-05	0.0	0.0	0.4	1.6	4.9	0.3	21.7	73.1	0.1
05-06	0.0	0.0	0.8	2.3	4.5	0.8	26.4	68.3	0.1
06-07	0.0	0.0	0.2	1.0	2.8	0.5	29.2	67.5	0.1
07-08	0.0	0.0	0.1	0.1	0.7	0.0	29.9	69.3	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	28.6	71.4	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	25.6	74.4	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	20.0	80.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	15.2	84.8	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	12.2	87.8	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	11.8	88.2	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.0	13.2	86.8	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	14.1	85.9	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	19.3	80.7	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	27.2	72.7	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	34.0	66.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	38.6	61.4	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	41.2	58.8	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.0	42.1	57.8	0.1
22-23	0.0	0.0	0.0	0.0	0.4	0.0	41.9	57.7	0.3
23-24	0.0	0.0	0.0	0.1	0.8	0.1	39.7	59.5	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.3% of all available observations in August between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.14: Hourly RVR RWY 14 (32) and ceiling in August.

Runway Visual Range RWY 14 (32) and Ceiling in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.2	2.7	6.9	0.4	23.5	69.3	47.9
01-02	0.0	0.0	1.2	3.4	9.7	0.4	20.4	69.6	0.3
02-03	0.0	0.0	1.5	4.7	13.4	0.4	15.3	70.9	0.0
03-04	0.0	0.0	1.3	5.1	16.2	0.6	12.0	71.2	0.1
04-05	0.0	0.0	0.9	4.8	16.9	0.7	9.8	72.6	0.1
05-06	0.0	0.0	2.5	6.9	15.9	0.9	10.6	72.6	0.1
06-07	0.0	0.1	2.5	5.7	11.9	0.7	13.6	73.8	0.2
07-08	0.0	0.0	0.7	3.6	8.3	0.4	14.3	76.9	0.2
08-09	0.0	0.0	0.2	1.8	4.5	0.0	15.3	80.2	0.1
09-10	0.0	0.0	0.0	0.2	1.2	0.1	17.8	80.9	0.0
10-11	0.0	0.0	0.0	0.0	0.1	0.0	16.4	83.5	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.1	16.3	83.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.3	82.7	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	19.5	80.5	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	22.1	77.9	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	24.7	75.3	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	29.2	70.8	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	34.8	65.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	38.5	61.5	0.1
19-20	0.0	0.0	0.0	0.0	0.2	0.0	38.9	60.9	0.7
20-21	0.0	0.0	0.1	0.2	0.7	0.0	35.9	63.4	0.2
21-22	0.0	0.0	0.1	0.4	1.9	0.0	35.9	62.2	0.1
22-23	0.0	0.0	0.6	1.5	3.1	0.2	32.1	64.7	0.2
23-24	0.0	0.0	1.1	1.9	5.1	0.2	27.2	67.5	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 5.1% of all available observations in September between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.15: Hourly RVR RWY 14 (32) and ceiling in September.

Runway Visual Range RWY 14 (32) and Ceiling in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.7	7.6	18.6	0.2	11.1	70.1	48.3
01-02	0.0	0.0	2.2	8.3	19.5	0.6	9.3	70.5	0.2
02-03	0.0	0.0	2.3	8.7	19.7	1.0	8.5	70.9	0.2
03-04	0.0	0.0	1.6	9.6	20.5	1.0	7.5	71.0	0.2
04-05	0.0	0.0	1.1	8.1	20.9	0.8	6.2	72.1	0.2
05-06	0.0	0.0	1.1	8.5	20.9	1.9	5.9	71.3	0.3
06-07	0.0	0.1	3.2	11.2	19.8	1.6	5.3	73.3	0.2
07-08	0.0	0.0	3.5	9.6	17.1	1.2	6.6	75.1	0.2
08-09	0.0	0.1	1.0	6.1	13.2	0.7	7.9	78.2	0.1
09-10	0.0	0.0	0.4	2.9	7.6	0.4	9.8	82.2	0.1
10-11	0.0	0.0	0.1	1.6	4.0	0.2	12.7	83.1	0.1
11-12	0.0	0.0	0.0	0.4	1.3	0.1	14.7	83.9	0.2
12-13	0.0	0.0	0.0	0.1	0.1	0.1	18.2	81.6	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.0	21.8	78.2	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.1	25.0	75.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	0.1	29.1	70.9	0.2
16-17	0.0	0.0	0.0	0.2	0.3	0.1	32.2	67.5	0.2
17-18	0.0	0.0	0.0	0.4	0.4	0.0	31.8	67.8	0.1
18-19	0.0	0.0	0.1	0.6	1.5	0.0	28.6	69.9	0.2
19-20	0.0	0.0	0.3	1.4	3.4	0.0	23.4	73.2	0.7
20-21	0.0	0.0	0.4	2.3	6.1	0.1	19.2	74.6	0.4
21-22	0.0	0.0	1.1	4.1	9.7	0.1	16.2	74.0	0.2
22-23	0.0	0.0	1.6	4.8	12.2	0.4	13.3	74.1	0.3
23-24	0.0	0.0	2.3	7.1	15.1	0.5	11.1	73.2	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 9.6% of all available observations in October between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.16: Hourly RVR RWY 14 (32) and ceiling in October.

Runway Visual Range RWY 14 (32) and Ceiling in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	1.4	6.1	16.0	1.1	8.2	74.7	47.5
01-02	0.0	0.1	1.4	7.5	16.8	1.2	8.0	74.0	0.2
02-03	0.0	0.0	1.2	7.6	17.8	1.0	7.6	73.6	0.3
03-04	0.0	0.1	1.2	6.7	18.0	1.0	6.4	74.6	0.2
04-05	0.0	0.1	1.0	7.1	18.1	0.9	5.9	75.0	0.1
05-06	0.0	0.0	1.2	6.4	17.9	1.2	5.1	75.7	0.2
06-07	0.0	0.1	1.5	7.1	16.3	1.8	3.7	78.3	0.3
07-08	0.0	0.1	2.1	7.0	15.1	1.7	4.3	78.9	0.1
08-09	0.0	0.1	2.0	6.4	13.2	1.2	5.1	80.5	0.1
09-10	0.0	0.0	1.4	4.6	10.0	1.0	5.2	83.8	0.2
10-11	0.0	0.0	0.3	2.3	6.9	0.4	6.3	86.4	0.2
11-12	0.0	0.0	0.2	1.5	4.3	0.3	8.0	87.3	0.2
12-13	0.0	0.0	0.1	1.2	2.7	0.2	9.9	87.1	0.3
13-14	0.0	0.0	0.0	0.5	1.6	0.4	12.8	85.2	0.7
14-15	0.0	0.0	0.1	0.7	1.9	0.2	15.6	82.3	0.4
15-16	0.0	0.0	0.4	1.4	2.7	0.6	17.7	79.0	0.4
16-17	0.0	0.0	0.2	1.4	3.7	0.5	17.3	78.5	0.3
17-18	0.0	0.0	0.1	1.7	4.3	0.4	18.0	77.4	0.5
18-19	0.0	0.0	0.1	1.9	5.7	0.5	17.0	76.8	0.4
19-20	0.0	0.0	0.2	2.7	7.4	0.4	14.3	77.9	1.5
20-21	0.0	0.0	0.6	3.4	9.7	0.3	12.9	77.1	0.4
21-22	0.0	0.0	0.6	4.7	11.5	0.1	11.1	77.3	0.3
22-23	0.0	0.0	1.2	5.2	12.4	0.4	9.2	78.0	0.2
23-24	0.0	0.0	1.0	6.0	13.8	0.7	8.6	77.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.7% of all available observations in November between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.17: Hourly RVR RWY 14 (32) and ceiling in November.

Runway Visual Range RWY 14 (32) and Ceiling in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 14 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.3	4.9	14.4	0.5	7.4	77.8	47.6
01-02	0.0	0.0	0.7	5.0	13.6	1.0	8.1	77.3	0.2
02-03	0.0	0.0	0.8	5.4	13.7	1.1	7.2	78.0	0.1
03-04	0.0	0.0	0.4	4.7	14.3	0.7	6.5	78.4	0.0
04-05	0.0	0.0	0.3	5.1	13.9	1.1	6.0	78.9	0.1
05-06	0.0	0.0	0.3	4.9	13.0	1.8	5.6	79.5	0.1
06-07	0.0	0.0	0.4	3.8	12.0	1.6	4.9	81.5	0.2
07-08	0.0	0.0	0.5	3.9	11.6	1.9	5.2	81.2	0.3
08-09	0.0	0.0	0.6	3.8	11.2	1.9	5.3	81.6	0.1
09-10	0.0	0.0	0.8	3.4	9.5	1.3	5.4	83.7	0.2
10-11	0.0	0.0	0.4	2.3	7.2	1.3	6.3	85.2	0.1
11-12	0.0	0.0	0.2	2.1	5.1	0.7	7.1	87.1	0.2
12-13	0.0	0.0	0.2	1.7	3.8	0.5	8.6	87.0	0.1
13-14	0.0	0.0	0.3	1.9	3.7	1.0	11.4	83.9	0.2
14-15	0.0	0.0	0.4	1.7	3.5	0.7	11.4	84.4	0.1
15-16	0.0	0.0	0.4	2.1	3.9	1.0	11.3	83.9	0.2
16-17	0.0	0.0	0.3	2.3	5.3	0.5	11.5	82.7	0.1
17-18	0.0	0.0	0.0	3.0	6.4	0.8	11.5	81.3	0.2
18-19	0.0	0.0	0.2	3.1	6.8	0.5	10.9	81.8	0.1
19-20	0.0	0.0	0.2	3.5	8.0	0.3	10.4	81.3	0.5
20-21	0.0	0.0	0.5	3.9	9.8	0.3	9.7	80.2	0.0
21-22	0.0	0.0	0.5	3.8	11.2	0.5	8.7	79.6	0.1
22-23	0.0	0.0	0.4	4.1	11.4	1.0	8.5	79.1	0.1
23-24	0.0	0.1	1.0	5.0	12.5	0.8	8.6	78.1	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 4.7% of all available observations in December between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.9.18: Hourly RVR RWY 14 (32) and ceiling in December.

3.10 RVR RWY 28 (10) and Ceiling

In the following tables the cumulative frequencies in percent of RVR relative to runway 28 (10) or base height of the lowest cloud layer of BKN or OVC extent below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.10.1 Hourly RVR RWY 28 (10) and Ceiling 27 years

Runway Visual Range RWY 28 (10) and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil < 200	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.7	2.2	4.7	0.5	25.9	68.9	47.9
01-02	0.0	0.0	0.8	2.3	5.1	0.7	24.1	70.1	0.3
02-03	0.0	0.0	0.8	2.5	6.0	0.7	21.3	72.0	0.2
03-04	0.0	0.0	0.9	2.9	6.9	0.8	18.0	74.3	0.2
04-05	0.0	0.0	0.9	3.0	7.0	0.9	17.4	74.6	0.2
05-06	0.0	0.0	1.0	3.0	7.1	1.1	18.3	73.5	0.2
06-07	0.0	0.0	0.8	2.7	6.3	1.0	18.6	74.1	0.2
07-08	0.0	0.0	0.8	2.4	5.9	0.9	18.1	75.1	0.2
08-09	0.0	0.0	0.6	1.9	4.9	0.5	17.1	77.5	0.2
09-10	0.0	0.0	0.4	1.3	3.5	0.4	16.0	80.1	0.2
10-11	0.0	0.0	0.2	0.7	2.2	0.3	14.2	83.3	0.2
11-12	0.0	0.0	0.1	0.5	1.5	0.2	13.2	85.0	0.2
12-13	0.0	0.0	0.0	0.3	1.0	0.1	13.1	85.8	0.2
13-14	0.0	0.0	0.1	0.2	0.8	0.2	14.2	84.8	0.3
14-15	0.0	0.0	0.1	0.3	0.7	0.2	15.7	83.4	0.2
15-16	0.0	0.0	0.1	0.4	0.8	0.3	17.5	81.4	0.2
16-17	0.0	0.0	0.1	0.4	1.0	0.2	20.2	78.6	0.2
17-18	0.0	0.0	0.1	0.5	1.1	0.2	23.6	75.1	0.2
18-19	0.0	0.0	0.1	0.6	1.3	0.2	26.7	71.8	0.2
19-20	0.0	0.0	0.2	0.7	1.5	0.1	28.0	70.3	0.9
20-21	0.0	0.0	0.2	0.9	2.0	0.2	28.6	69.1	0.3
21-22	0.0	0.0	0.3	1.2	2.5	0.2	29.1	68.2	0.2
22-23	0.0	0.0	0.5	1.4	3.1	0.3	28.4	68.2	0.3
23-24	0.0	0.0	0.6	1.7	3.8	0.5	27.6	68.2	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.9% of all available observations between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.1: Hourly RVR RWY 28 (10) and ceiling 27 years.

3.10.2 Monthly RVR RWY 28 (10) and Ceiling 27 years

Runway Visual Range RWY 28 (10) and Ceiling during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Runway Visual Range RWY 28 [m] and Ceiling [ft]								
	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
January	0.0	0.0	1.1	2.6	6.2	0.9	9.2	83.7	2.5
February	0.0	0.0	0.5	1.2	3.1	0.6	17.6	78.7	2.8
March	0.0	0.0	0.3	0.7	1.4	0.5	25.5	72.6	2.2
April	0.0	0.0	0.1	0.2	0.6	0.2	31.4	67.9	2.4
May	0.0	0.0	0.1	0.2	0.6	0.2	25.3	74.0	2.1
June	0.0	0.0	0.0	0.1	0.3	0.1	24.7	74.9	2.1
July	0.0	0.0	0.0	0.1	0.3	0.1	28.7	70.9	2.2
August	0.0	0.0	0.1	0.2	0.6	0.1	27.3	72.1	2.1
September	0.0	0.0	0.4	1.1	2.6	0.3	22.5	74.6	2.1
October	0.0	0.1	1.0	3.3	7.1	0.6	15.7	76.6	2.2
November	0.0	0.0	0.8	3.8	8.9	0.8	9.9	80.4	2.3
December	0.0	0.0	0.5	3.3	8.5	0.9	8.3	82.3	2.1

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.2% of all available observations in April showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.2: Monthly RVR RWY 28 (10) and ceiling 27 years.

3.10.3 Hourly RVR RWY 28 (10) and Ceiling per Season

Runway Visual Range RWY 28 (10) and Ceiling in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.9	3.8	8.4	0.7	11.2	79.7	47.8
01-02	0.0	0.0	1.0	3.5	8.2	1.1	10.8	79.9	0.5
02-03	0.0	0.0	1.1	3.8	8.8	1.0	9.7	80.5	0.4
03-04	0.0	0.0	1.1	3.7	9.3	1.1	8.7	80.9	0.4
04-05	0.0	0.0	1.0	3.6	9.4	1.2	8.0	81.5	0.5
05-06	0.0	0.0	1.0	4.1	9.8	1.4	7.2	81.6	0.5
06-07	0.0	0.0	0.9	3.3	8.8	1.5	6.7	83.0	0.4
07-08	0.0	0.1	1.4	3.3	9.4	1.9	6.8	81.8	0.5
08-09	0.0	0.0	1.4	3.7	9.3	1.4	7.1	82.2	0.5
09-10	0.0	0.0	1.0	2.9	7.9	1.2	7.5	83.4	0.4
10-11	0.0	0.0	0.6	1.8	5.2	1.1	8.5	85.3	0.4
11-12	0.0	0.0	0.3	1.3	4.0	0.8	9.5	85.7	0.6
12-13	0.0	0.0	0.2	0.9	2.8	0.5	10.8	85.9	0.5
13-14	0.0	0.0	0.2	0.8	2.6	0.5	13.1	83.8	0.5
14-15	0.0	0.0	0.3	0.8	2.2	0.5	14.6	82.8	0.5
15-16	0.0	0.1	0.4	1.0	2.5	0.7	15.4	81.5	0.5
16-17	0.0	0.0	0.3	1.2	2.8	0.6	16.2	80.4	0.4
17-18	0.0	0.0	0.3	1.4	3.1	0.4	16.6	79.9	0.5
18-19	0.0	0.0	0.5	1.6	3.4	0.4	16.4	79.7	0.5
19-20	0.0	0.0	0.5	1.8	3.9	0.4	15.8	80.0	1.0
20-21	0.0	0.0	0.5	2.1	4.9	0.3	15.2	79.6	0.4
21-22	0.0	0.0	0.6	2.3	5.5	0.3	14.1	80.0	0.4
22-23	0.0	0.0	0.8	2.7	6.1	0.7	13.2	80.1	0.4
23-24	0.0	0.1	1.1	3.2	7.0	0.8	12.6	79.6	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.7% of all available observations in Winter (DJF) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.3: Hourly RVR RWY 28 (10) and ceiling in Winter.

Runway Visual Range RWY 28 (10) and Ceiling in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.2	0.4	0.9	0.3	36.9	62.0	48.0
01-02	0.0	0.0	0.2	0.6	1.3	0.4	34.0	64.3	0.2
02-03	0.0	0.0	0.4	0.8	2.0	0.5	31.3	66.2	0.2
03-04	0.0	0.0	0.6	1.3	2.8	0.5	27.0	69.8	0.2
04-05	0.0	0.0	0.7	1.5	2.8	0.8	25.3	71.1	0.2
05-06	0.0	0.1	1.0	1.7	2.9	0.6	26.3	70.1	0.2
06-07	0.0	0.1	0.6	1.2	2.1	0.6	27.1	70.1	0.1
07-08	0.0	0.1	0.4	0.8	1.7	0.6	26.3	71.4	0.2
08-09	0.0	0.0	0.2	0.3	1.2	0.2	24.2	74.3	0.3
09-10	0.0	0.0	0.1	0.2	0.7	0.1	22.6	76.6	0.2
10-11	0.0	0.0	0.0	0.0	0.2	0.1	19.7	79.9	0.2
11-12	0.0	0.0	0.0	0.0	0.1	0.1	17.7	82.0	0.1
12-13	0.0	0.0	0.0	0.0	0.1	0.0	16.0	83.9	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.1	16.0	83.7	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.1	16.8	82.9	0.2
15-16	0.0	0.0	0.0	0.0	0.1	0.1	18.9	80.9	0.2
16-17	0.0	0.0	0.0	0.0	0.1	0.1	22.8	77.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	27.5	72.4	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	32.0	67.9	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	35.7	64.2	1.0
20-21	0.0	0.0	0.0	0.0	0.0	0.1	38.5	61.4	0.2
21-22	0.0	0.0	0.0	0.0	0.2	0.1	39.7	59.9	0.2
22-23	0.0	0.0	0.1	0.1	0.4	0.1	39.6	59.9	0.3
23-24	0.0	0.0	0.1	0.2	0.6	0.2	39.3	60.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.3% of all available observations in Spring (MAM) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.4: Hourly RVR RWY 28 (10) and ceiling in Spring.

Runway Visual Range RWY 28 (10) and Ceiling in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.1	0.5	0.1	41.1	58.3	47.9
01-02	0.0	0.0	0.1	0.3	0.6	0.2	38.7	60.5	0.1
02-03	0.0	0.0	0.1	0.5	1.0	0.3	33.5	65.1	0.1
03-04	0.0	0.0	0.2	0.7	1.6	0.4	27.3	70.7	0.1
04-05	0.0	0.0	0.2	0.8	1.9	0.5	28.9	68.8	0.1
05-06	0.0	0.0	0.3	0.7	1.6	0.6	32.3	65.5	0.2
06-07	0.0	0.0	0.1	0.5	1.1	0.3	32.8	65.8	0.1
07-08	0.0	0.0	0.0	0.1	0.4	0.0	30.7	68.9	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	27.3	72.7	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.5	77.5	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	12.6	87.4	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	10.5	89.5	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	11.9	88.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.5	84.5	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.9	78.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.2	69.8	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	34.8	65.2	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.1	37.9	62.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	41.2	58.8	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.1	42.2	57.7	0.2
23-24	0.0	0.0	0.0	0.1	0.2	0.1	42.3	57.4	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations in Summer (JJA) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.5: Hourly RVR RWY 28 (10) and ceiling in Summer.

Runway Visual Range RWY 28 (10) and Ceiling in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.1	1.5	4.5	9.2	0.8	14.2	75.8	47.9
01-02	0.0	0.0	1.8	4.9	10.5	1.0	12.5	76.0	0.3
02-03	0.0	0.1	1.7	5.1	12.1	1.0	10.4	76.4	0.2
03-04	0.0	0.1	1.7	5.9	14.1	1.2	8.6	76.1	0.1
04-05	0.0	0.0	1.5	6.4	14.2	1.2	7.3	77.3	0.1
05-06	0.0	0.0	1.7	5.7	14.1	1.7	7.2	76.9	0.2
06-07	0.0	0.0	1.7	5.9	13.2	1.7	7.5	77.6	0.2
07-08	0.0	0.0	1.5	5.3	12.2	1.0	8.4	78.5	0.2
08-09	0.0	0.0	0.8	3.8	9.2	0.5	9.4	80.9	0.1
09-10	0.0	0.0	0.5	2.2	5.5	0.4	10.9	83.1	0.1
10-11	0.0	0.0	0.1	1.2	3.3	0.1	11.8	84.8	0.1
11-12	0.0	0.0	0.1	0.6	1.9	0.0	13.0	85.1	0.1
12-13	0.0	0.0	0.0	0.4	1.0	0.0	15.2	83.9	0.2
13-14	0.0	0.0	0.0	0.1	0.6	0.1	18.1	81.3	0.3
14-15	0.0	0.0	0.0	0.2	0.6	0.1	20.9	78.4	0.2
15-16	0.0	0.0	0.1	0.4	0.7	0.2	23.9	75.2	0.2
16-17	0.0	0.0	0.1	0.5	1.1	0.2	26.3	72.4	0.2
17-18	0.0	0.0	0.1	0.7	1.4	0.2	28.2	70.2	0.2
18-19	0.0	0.0	0.1	0.9	1.8	0.2	28.0	70.0	0.2
19-20	0.0	0.0	0.2	1.0	2.2	0.2	25.5	72.0	1.0
20-21	0.0	0.0	0.3	1.6	3.3	0.3	22.6	73.7	0.3
21-22	0.0	0.1	0.8	2.3	4.4	0.3	21.0	74.3	0.2
22-23	0.0	0.1	1.1	3.0	5.9	0.3	18.1	75.7	0.3
23-24	0.0	0.1	1.3	3.5	7.5	0.8	15.6	76.1	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 5.9% of all available observations in Autumn (SON) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.6: Hourly RVR RWY 28 (10) and ceiling in Autumn.

3.10.4 Hourly RVR RWY 28 (10) and Ceiling per Month

Runway Visual Range RWY 28 (10) and Ceiling in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.7	4.3	9.9	1.0	8.9	80.2	47.6
01-02	0.0	0.0	1.6	4.3	9.1	1.2	8.2	81.5	0.6
02-03	0.0	0.0	1.4	4.1	9.5	1.1	7.6	81.8	0.4
03-04	0.0	0.0	1.4	3.7	9.6	2.0	7.5	80.9	0.5
04-05	0.0	0.0	1.6	3.5	9.8	1.4	7.2	81.5	0.5
05-06	0.0	0.1	1.3	4.3	10.8	1.0	6.3	81.9	0.5
06-07	0.0	0.1	1.4	4.1	9.8	1.4	6.2	82.6	0.5
07-08	0.0	0.1	1.9	3.7	10.3	2.0	6.0	81.6	0.5
08-09	0.0	0.1	1.9	4.0	8.9	1.6	5.9	83.6	0.4
09-10	0.0	0.0	1.4	3.1	8.0	1.2	5.8	85.0	0.4
10-11	0.0	0.0	1.0	1.8	5.3	0.9	6.4	87.5	0.5
11-12	0.0	0.0	0.4	1.3	4.1	1.3	7.3	87.3	0.5
12-13	0.0	0.0	0.2	0.9	2.8	0.5	8.3	88.3	0.4
13-14	0.0	0.0	0.4	0.8	2.2	0.4	9.8	87.6	0.5
14-15	0.0	0.0	0.4	0.8	2.2	0.4	11.7	85.7	0.4
15-16	0.0	0.4	0.6	1.1	2.2	0.8	12.7	84.3	0.5
16-17	0.0	0.1	0.6	1.1	2.0	1.0	13.4	83.5	0.5
17-18	0.0	0.0	0.6	1.4	2.2	0.4	14.3	83.1	0.4
18-19	0.0	0.0	0.8	1.5	2.8	0.6	13.1	83.5	0.6
19-20	0.0	0.0	1.1	2.0	3.6	0.4	12.3	83.8	1.0
20-21	0.0	0.0	1.1	2.5	5.0	0.5	11.8	82.6	0.5
21-22	0.0	0.0	1.0	2.6	5.5	0.2	11.0	83.3	0.5
22-23	0.0	0.0	1.6	3.5	6.5	0.4	9.4	83.8	0.5
23-24	0.0	0.0	1.8	3.8	8.2	0.9	9.4	81.5	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.7% of all available observations in January between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.7: Hourly RVR RWY 28 (10) and ceiling in January.

Runway Visual Range RWY 28 (10) and Ceiling in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.5	1.8	3.3	0.5	17.9	78.3	48.1
01-02	0.0	0.0	0.7	1.4	3.6	0.8	16.6	79.0	0.7
02-03	0.0	0.0	1.2	2.3	4.3	0.8	14.8	80.1	0.7
03-04	0.0	0.1	1.3	2.2	5.1	0.3	12.5	82.1	0.7
04-05	0.0	0.1	1.0	1.9	5.3	0.7	11.1	83.0	0.8
05-06	0.0	0.0	1.2	2.6	6.5	1.2	10.0	82.3	0.7
06-07	0.0	0.1	1.1	2.6	6.3	1.1	9.2	83.4	0.7
07-08	0.0	0.2	1.8	3.1	6.9	1.7	9.4	82.0	0.7
08-09	0.0	0.1	1.5	3.3	7.8	0.9	10.5	80.8	1.0
09-10	0.0	0.0	1.1	2.0	6.5	1.2	11.8	80.5	0.7
10-11	0.0	0.0	0.5	1.1	3.0	1.4	13.2	82.4	0.7
11-12	0.0	0.0	0.1	0.5	2.4	0.6	14.6	82.4	0.9
12-13	0.0	0.0	0.1	0.2	1.7	0.6	16.0	81.7	0.9
13-14	0.0	0.0	0.0	0.1	1.6	0.1	18.7	79.6	0.7
14-15	0.0	0.0	0.0	0.0	1.1	0.3	21.2	77.4	0.9
15-16	0.0	0.0	0.0	0.1	1.1	0.5	22.8	75.6	0.7
16-17	0.0	0.0	0.0	0.0	0.7	0.3	24.3	74.7	0.7
17-18	0.0	0.0	0.0	0.1	0.4	0.3	24.6	74.6	0.8
18-19	0.0	0.0	0.1	0.1	0.5	0.1	26.2	73.2	0.7
19-20	0.0	0.0	0.1	0.4	0.6	0.3	25.6	73.5	1.4
20-21	0.0	0.0	0.1	0.3	0.7	0.3	25.0	74.1	0.8
21-22	0.0	0.0	0.1	0.4	0.9	0.2	23.5	75.4	0.6
22-23	0.0	0.0	0.3	0.7	1.5	0.5	22.6	75.4	0.7
23-24	0.0	0.1	0.4	0.8	1.7	0.5	20.6	77.2	1.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.2% of all available observations in February between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.8: Hourly RVR RWY 28 (10) and ceiling in February.

Runway Visual Range RWY 28 (10) and Ceiling in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.5	0.9	1.4	0.3	28.1	70.2	47.5
01-02	0.0	0.0	0.5	1.2	2.0	0.2	25.8	71.9	0.1
02-03	0.0	0.0	0.6	1.3	2.7	0.4	24.3	72.5	0.1
03-04	0.0	0.0	0.8	2.0	3.6	0.5	22.0	74.0	0.0
04-05	0.0	0.0	0.7	1.6	3.2	0.9	19.3	76.7	0.2
05-06	0.0	0.2	1.4	2.3	4.1	1.2	16.8	77.9	0.1
06-07	0.0	0.3	1.3	2.6	3.9	1.5	17.2	77.4	0.0
07-08	0.0	0.2	1.0	1.9	3.8	1.2	18.4	76.6	0.2
08-09	0.0	0.1	0.5	0.8	3.0	0.5	19.3	77.2	0.4
09-10	0.0	0.0	0.2	0.7	1.7	0.3	20.6	77.4	0.1
10-11	0.0	0.0	0.0	0.1	0.5	0.3	20.6	78.5	0.1
11-12	0.0	0.0	0.0	0.0	0.2	0.2	21.8	77.7	0.1
12-13	0.0	0.0	0.0	0.0	0.3	0.1	22.2	77.4	0.3
13-14	0.0	0.0	0.0	0.0	0.3	0.4	22.7	76.6	0.2
14-15	0.0	0.0	0.0	0.0	0.2	0.4	24.2	75.2	0.2
15-16	0.0	0.0	0.0	0.0	0.3	0.2	26.7	72.8	0.0
16-17	0.0	0.0	0.0	0.0	0.3	0.3	29.3	70.1	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.3	31.2	68.5	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.1	33.0	66.8	0.0
19-20	0.0	0.0	0.0	0.0	0.1	0.1	34.7	65.1	1.0
20-21	0.0	0.0	0.0	0.0	0.1	0.4	34.9	64.6	0.2
21-22	0.0	0.0	0.1	0.1	0.5	0.4	34.4	64.7	0.4
22-23	0.0	0.0	0.2	0.4	0.9	0.3	33.6	65.2	0.5
23-24	0.0	0.0	0.2	0.6	1.1	0.4	32.4	66.1	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2% of all available observations in March between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.9: Hourly RVR RWY 28 (10) and ceiling in March.

Runway Visual Range RWY 28 (10) and Ceiling in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.1	0.5	0.4	43.7	55.4	48.5
01-02	0.0	0.0	0.1	0.2	0.7	0.7	40.5	58.1	0.4
02-03	0.0	0.1	0.2	0.4	1.6	0.4	37.9	60.1	0.4
03-04	0.0	0.0	0.2	0.6	1.8	0.6	34.0	63.7	0.4
04-05	0.0	0.1	0.6	1.2	2.3	0.7	29.5	67.6	0.2
05-06	0.0	0.1	0.8	1.5	2.3	0.2	30.4	67.1	0.4
06-07	0.0	0.0	0.5	0.7	1.4	0.1	31.7	66.8	0.4
07-08	0.0	0.0	0.3	0.5	0.7	0.2	31.8	67.2	0.4
08-09	0.0	0.0	0.0	0.1	0.6	0.1	30.4	68.9	0.4
09-10	0.0	0.0	0.0	0.0	0.4	0.0	28.3	71.3	0.2
10-11	0.0	0.0	0.0	0.0	0.1	0.1	24.5	75.3	0.3
11-12	0.0	0.0	0.0	0.0	0.1	0.2	21.1	78.6	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.4
13-14	0.0	0.0	0.0	0.0	0.0	0.0	16.6	83.4	0.4
14-15	0.0	0.0	0.0	0.0	0.1	0.0	17.7	82.2	0.4
15-16	0.0	0.0	0.0	0.0	0.1	0.0	19.5	80.4	0.4
16-17	0.0	0.0	0.0	0.0	0.0	0.1	24.1	75.8	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	29.7	70.3	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	35.6	64.4	0.2
19-20	0.0	0.0	0.0	0.0	0.0	0.0	39.5	60.5	1.2
20-21	0.0	0.0	0.0	0.0	0.0	0.0	43.2	56.8	0.3
21-22	0.0	0.0	0.0	0.0	0.1	0.0	44.4	55.6	0.2
22-23	0.0	0.0	0.0	0.1	0.2	0.1	44.9	54.8	0.5
23-24	0.0	0.0	0.1	0.1	0.2	0.1	43.6	56.1	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.6% of all available observations in April between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.10: Hourly RVR RWY 28 (10) and ceiling in April.

Runway Visual Range RWY 28 (10) and Ceiling in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.7	0.2	39.1	60.0	48.1
01-02	0.0	0.0	0.1	0.4	1.1	0.4	35.9	62.6	0.1
02-03	0.0	0.0	0.2	0.6	1.8	0.6	31.8	65.8	0.1
03-04	0.0	0.0	0.7	1.3	2.9	0.5	25.2	71.4	0.1
04-05	0.0	0.0	0.9	1.7	2.9	0.8	27.3	69.0	0.1
05-06	0.0	0.0	0.7	1.1	2.5	0.4	32.0	65.2	0.1
06-07	0.0	0.0	0.0	0.4	1.1	0.3	32.6	66.0	0.1
07-08	0.0	0.0	0.0	0.2	0.6	0.2	28.8	70.4	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.1	23.1	76.8	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	19.2	80.8	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	14.2	85.8	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	10.4	89.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.0	8.6	91.4	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	10.6	89.4	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	15.0	85.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.1	21.6	78.4	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	27.5	72.5	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	33.1	66.9	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	37.5	62.5	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	40.6	59.4	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.0	40.5	59.4	0.0
23-24	0.0	0.0	0.1	0.1	0.4	0.1	42.0	57.6	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 1.3% of all available observations in May between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.11: Hourly RVR RWY 28 (10) and ceiling in May.

Runway Visual Range RWY 28 (10) and Ceiling in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.1	0.1	0.4	0.2	40.1	59.3	47.7
01-02	0.0	0.0	0.0	0.1	0.1	0.4	39.1	60.4	0.1
02-03	0.0	0.0	0.0	0.2	0.9	0.4	32.9	65.8	0.1
03-04	0.0	0.0	0.2	0.7	1.5	0.6	26.5	71.4	0.0
04-05	0.0	0.0	0.3	0.7	1.3	0.3	31.2	67.2	0.1
05-06	0.0	0.0	0.0	0.2	0.8	0.3	33.3	65.6	0.1
06-07	0.0	0.0	0.1	0.3	0.6	0.2	32.3	66.9	0.1
07-08	0.0	0.0	0.0	0.1	0.2	0.0	28.3	71.5	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	24.2	75.8	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	19.0	81.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	13.9	86.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.1	88.9	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	9.6	90.4	0.2
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.2	91.8	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	7.6	92.4	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.1	9.0	90.9	0.1
16-17	0.0	0.0	0.0	0.0	0.1	0.0	11.6	88.3	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	17.2	82.8	0.1
18-19	0.0	0.0	0.0	0.0	0.1	0.0	25.9	74.1	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.1	31.7	68.2	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.1	37.2	62.7	0.2
22-23	0.0	0.0	0.0	0.0	0.1	0.1	40.1	59.6	0.1
23-24	0.0	0.0	0.0	0.1	0.3	0.1	41.8	57.9	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.7% of all available observations in June between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.12: Hourly RVR RWY 28 (10) and ceiling in June.

Runway Visual Range RWY 28 (10) and Ceiling in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.5	0.0	44.5	55.0	47.8
01-02	0.0	0.0	0.1	0.3	0.5	0.1	41.4	58.0	0.2
02-03	0.0	0.0	0.1	0.6	0.9	0.4	37.7	61.1	0.1
03-04	0.0	0.0	0.1	0.5	1.6	0.3	31.5	66.6	0.1
04-05	0.0	0.1	0.2	0.7	1.6	0.5	33.8	64.1	0.2
05-06	0.0	0.0	0.2	0.5	1.3	0.5	37.2	61.1	0.2
06-07	0.0	0.0	0.1	0.3	0.8	0.2	36.9	62.1	0.2
07-08	0.0	0.0	0.0	0.1	0.3	0.1	33.8	65.9	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	29.0	71.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	22.8	77.2	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	15.9	84.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	11.3	88.7	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.1	9.6	90.3	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	8.8	91.2	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	10.9	89.1	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	12.4	87.6	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	15.4	84.6	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	21.3	78.7	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	30.6	69.4	0.0
19-20	0.0	0.0	0.0	0.0	0.1	0.0	36.6	63.4	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.1	40.6	59.3	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	44.2	55.8	0.2
22-23	0.0	0.0	0.0	0.0	0.1	0.0	44.3	55.6	0.3
23-24	0.0	0.0	0.1	0.1	0.1	0.2	45.4	54.2	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.5% of all available observations in July between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.13: Hourly RVR RWY 28 (10) and ceiling in July.

Runway Visual Range RWY 28 (10) and Ceiling in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.2	0.8	0.0	38.7	60.5	48.1
01-02	0.0	0.0	0.2	0.6	1.2	0.0	35.6	63.2	0.2
02-03	0.0	0.0	0.2	0.7	1.4	0.2	29.9	68.5	0.1
03-04	0.0	0.1	0.2	0.9	1.8	0.3	23.8	74.1	0.2
04-05	0.0	0.0	0.2	1.0	2.7	0.6	21.7	75.0	0.1
05-06	0.0	0.1	0.5	1.3	2.7	1.1	26.4	69.9	0.1
06-07	0.0	0.0	0.0	0.8	1.9	0.5	29.2	68.4	0.1
07-08	0.0	0.0	0.0	0.1	0.7	0.1	29.9	69.3	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	28.6	71.4	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	25.6	74.4	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	20.0	80.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	15.2	84.8	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	12.2	87.8	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	11.8	88.2	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.0	13.2	86.8	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	14.1	85.9	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	19.3	80.7	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	27.2	72.7	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	34.0	66.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	38.6	61.4	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	41.2	58.8	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	42.1	57.9	0.1
22-23	0.0	0.0	0.0	0.0	0.1	0.1	41.9	57.8	0.3
23-24	0.0	0.0	0.0	0.1	0.2	0.1	39.7	60.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 0.9% of all available observations in August between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.14: Hourly RVR RWY 28 (10) and ceiling in August.

Runway Visual Range RWY 28 (10) and Ceiling in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.1	1.7	2.4	0.6	23.5	73.6	47.9
01-02	0.0	0.0	1.1	2.2	3.8	0.5	20.4	75.3	0.3
02-03	0.0	0.0	1.4	2.7	5.8	0.6	15.3	78.3	0.0
03-04	0.0	0.0	1.5	3.6	8.9	1.1	12.0	78.0	0.1
04-05	0.0	0.0	1.5	4.0	8.9	0.9	9.8	80.4	0.1
05-06	0.0	0.0	2.0	3.5	9.5	1.2	10.6	78.6	0.1
06-07	0.0	0.0	1.1	3.2	8.4	1.1	13.6	77.0	0.2
07-08	0.0	0.0	0.2	2.1	6.0	0.7	14.3	79.0	0.2
08-09	0.0	0.0	0.1	1.5	3.5	0.0	15.3	81.2	0.1
09-10	0.0	0.0	0.0	0.2	1.1	0.2	17.8	80.9	0.0
10-11	0.0	0.0	0.0	0.0	0.1	0.0	16.4	83.5	0.1
11-12	0.0	0.0	0.0	0.0	0.1	0.0	16.3	83.6	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	17.3	82.7	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	19.5	80.5	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	22.1	77.9	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	24.7	75.3	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	29.2	70.8	0.1
17-18	0.0	0.0	0.0	0.0	0.1	0.0	34.8	65.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	38.5	61.5	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	38.9	61.1	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	35.9	64.1	0.2
21-22	0.0	0.0	0.1	0.1	0.4	0.1	35.9	63.7	0.1
22-23	0.0	0.0	0.2	0.3	0.9	0.1	32.1	66.9	0.2
23-24	0.0	0.0	0.6	1.1	2.2	0.2	27.2	70.4	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.6% of all available observations in September between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.15: Hourly RVR RWY 28 (10) and ceiling in September.

Runway Visual Range RWY 28 (10) and Ceiling in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.2	1.8	5.4	11.2	1.0	11.1	76.7	48.3
01-02	0.0	0.0	2.9	6.7	13.0	1.1	9.3	76.6	0.2
02-03	0.0	0.0	2.2	6.8	14.7	1.0	8.5	75.8	0.2
03-04	0.0	0.0	2.3	7.7	17.1	1.4	7.5	74.1	0.2
04-05	0.0	0.0	1.7	8.1	18.0	1.3	6.2	74.6	0.2
05-06	0.0	0.1	1.6	7.2	16.8	2.3	5.9	75.0	0.3
06-07	0.0	0.0	2.4	7.8	16.7	2.2	5.3	75.8	0.2
07-08	0.0	0.0	2.3	7.2	15.9	1.1	6.6	76.4	0.2
08-09	0.0	0.0	0.7	4.5	11.4	0.7	7.9	80.0	0.1
09-10	0.0	0.1	0.4	2.8	6.9	0.4	9.8	82.9	0.1
10-11	0.0	0.1	0.1	1.6	3.6	0.2	12.7	83.6	0.1
11-12	0.0	0.0	0.0	0.4	1.3	0.1	14.7	84.0	0.2
12-13	0.0	0.0	0.0	0.1	0.2	0.0	18.2	81.6	0.3
13-14	0.0	0.0	0.0	0.0	0.1	0.0	21.8	78.2	0.2
14-15	0.0	0.0	0.0	0.0	0.1	0.0	25.0	75.0	0.2
15-16	0.0	0.0	0.0	0.0	0.1	0.0	29.1	70.9	0.2
16-17	0.0	0.0	0.0	0.1	0.2	0.1	32.2	67.5	0.2
17-18	0.0	0.0	0.0	0.4	0.4	0.0	31.8	67.8	0.1
18-19	0.0	0.0	0.1	0.5	0.7	0.0	28.6	70.7	0.2
19-20	0.0	0.0	0.1	0.6	1.4	0.1	23.4	75.1	0.7
20-21	0.0	0.1	0.6	1.6	2.6	0.4	19.2	77.8	0.4
21-22	0.0	0.4	1.5	2.6	4.3	0.4	16.2	79.2	0.2
22-23	0.0	0.2	1.5	3.4	5.8	0.4	13.3	80.5	0.3
23-24	0.0	0.2	2.0	4.1	9.0	1.0	11.1	78.8	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 7.7% of all available observations in October between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.16: Hourly RVR RWY 28 (10) and ceiling in October.

Runway Visual Range RWY 28 (10) and Ceiling in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	1.5	6.3	14.0	0.8	8.2	77.0	47.5
01-02	0.0	0.0	1.3	5.9	14.6	1.3	8.0	76.1	0.2
02-03	0.0	0.2	1.4	5.6	15.8	1.5	7.6	75.2	0.3
03-04	0.0	0.2	1.2	6.4	16.1	1.3	6.4	76.2	0.2
04-05	0.0	0.1	1.4	6.9	15.8	1.4	5.9	76.9	0.1
05-06	0.0	0.0	1.4	6.4	16.0	1.6	5.1	77.3	0.2
06-07	0.0	0.1	1.6	6.7	14.4	1.9	3.7	80.1	0.3
07-08	0.0	0.1	1.9	6.6	14.5	1.2	4.3	80.0	0.1
08-09	0.0	0.1	1.7	5.4	12.8	0.7	5.1	81.4	0.1
09-10	0.0	0.0	1.1	3.7	8.5	0.7	5.2	85.5	0.2
10-11	0.0	0.0	0.2	2.1	6.2	0.2	6.3	87.3	0.2
11-12	0.0	0.0	0.2	1.4	4.3	0.0	8.0	87.6	0.2
12-13	0.0	0.0	0.1	1.2	2.7	0.0	9.9	87.4	0.3
13-14	0.0	0.0	0.0	0.4	1.6	0.2	12.8	85.4	0.7
14-15	0.0	0.0	0.1	0.7	1.9	0.2	15.6	82.3	0.4
15-16	0.0	0.0	0.3	1.3	2.0	0.6	17.7	79.7	0.4
16-17	0.0	0.0	0.4	1.3	3.0	0.7	17.3	79.0	0.3
17-18	0.0	0.0	0.4	1.6	3.9	0.5	18.0	77.6	0.5
18-19	0.0	0.0	0.2	2.2	4.6	0.6	17.0	77.8	0.4
19-20	0.0	0.0	0.4	2.3	5.3	0.6	14.3	79.8	1.5
20-21	0.0	0.0	0.4	3.1	7.3	0.6	12.9	79.2	0.4
21-22	0.0	0.0	0.7	4.1	8.7	0.4	11.1	79.8	0.3
22-23	0.0	0.0	1.5	5.2	11.0	0.4	9.2	79.4	0.2
23-24	0.0	0.0	1.1	5.2	11.2	1.2	8.6	79.1	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.4% of all available observations in November between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.17: Hourly RVR RWY 28 (10) and ceiling in November.

Runway Visual Range RWY 28 (10) and Ceiling in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Runway Visual Range RWY 28 [m] and Ceiling [ft]

Time [UTC]	RVR < 50 OR Ceil	< 200	< 350 < 100	< 550 < 200	< 1500 < 300	≥ 1500 & ≥ 300	CAVOK	NS [%]	NA [%]
00-01	0.0	0.0	0.5	5.2	11.5	0.5	7.4	80.6	47.6
01-02	0.0	0.0	0.6	4.7	11.5	1.3	8.1	79.1	0.2
02-03	0.0	0.0	0.7	4.8	12.1	1.1	7.2	79.6	0.1
03-04	0.0	0.0	0.5	5.2	13.0	0.8	6.5	79.7	0.0
04-05	0.0	0.0	0.5	5.2	12.6	1.3	6.0	80.1	0.1
05-06	0.0	0.0	0.5	5.1	11.8	2.0	5.6	80.5	0.1
06-07	0.0	0.0	0.4	3.2	10.2	1.8	4.9	83.1	0.2
07-08	0.0	0.0	0.6	3.1	10.8	2.0	5.2	81.9	0.3
08-09	0.0	0.0	0.8	3.6	11.0	1.5	5.3	82.2	0.1
09-10	0.0	0.0	0.6	3.4	9.0	1.3	5.4	84.3	0.2
10-11	0.0	0.0	0.4	2.3	7.1	0.9	6.3	85.7	0.1
11-12	0.0	0.0	0.5	2.0	5.4	0.5	7.1	87.1	0.2
12-13	0.0	0.0	0.2	1.6	3.8	0.4	8.6	87.2	0.1
13-14	0.0	0.0	0.2	1.6	3.9	0.8	11.4	83.8	0.2
14-15	0.0	0.0	0.4	1.6	3.2	0.7	11.4	84.7	0.1
15-16	0.0	0.1	0.5	1.9	3.9	0.9	11.3	83.9	0.2
16-17	0.0	0.0	0.3	2.3	5.4	0.4	11.5	82.6	0.1
17-18	0.0	0.0	0.2	2.6	6.3	0.6	11.5	81.6	0.2
18-19	0.0	0.0	0.4	2.9	6.6	0.5	10.9	81.9	0.1
19-20	0.0	0.0	0.3	2.9	7.2	0.4	10.4	82.0	0.5
20-21	0.0	0.0	0.4	3.2	8.7	0.2	9.7	81.5	0.0
21-22	0.0	0.1	0.5	3.8	9.7	0.5	8.7	81.0	0.1
22-23	0.0	0.0	0.4	3.8	9.8	1.1	8.5	80.6	0.1
23-24	0.0	0.1	0.9	4.7	10.5	1.1	8.6	79.8	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 5.2% of all available observations in December between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a runway visual range < 550 m.

Figure 3.10.18: Hourly RVR RWY 28 (10) and ceiling in December.

3.11 Visibility and Ceiling

In the following tables the cumulative frequencies in percent of visibility or base height of the lowest cloud layer of BKN or OVC extent below defined values and at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

3.11.1 Hourly Visibility and Ceiling 27 years

Visibility and Ceiling during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	4.8	7.4	12.0	19.5	31.6	30.5	25.9	12.0	47.9
01-02	5.2	7.9	13.0	20.8	33.7	29.9	24.1	12.3	0.3
02-03	5.8	8.9	14.5	22.9	36.2	29.6	21.3	12.9	0.2
03-04	6.8	10.0	16.1	25.2	39.2	28.7	18.0	14.1	0.2
04-05	7.1	10.6	17.2	26.8	41.1	28.6	17.4	12.9	0.2
05-06	7.0	10.7	17.8	27.7	41.7	28.6	18.3	11.3	0.2
06-07	6.2	10.2	17.5	27.6	41.0	29.1	18.6	11.3	0.2
07-08	5.2	9.0	16.6	25.9	38.8	29.5	18.1	13.6	0.2
08-09	4.0	7.6	14.4	22.9	35.0	30.5	17.1	17.4	0.2
09-10	2.6	5.9	11.8	19.3	30.6	32.0	16.0	21.5	0.2
10-11	1.4	3.9	9.1	15.8	26.3	33.4	14.2	26.2	0.2
11-12	0.9	2.7	7.0	12.7	22.7	34.4	13.2	29.7	0.2
12-13	0.6	1.9	5.6	10.5	19.5	36.4	13.1	31.0	0.2
13-14	0.4	1.5	4.7	8.9	17.5	37.4	14.2	30.9	0.3
14-15	0.5	1.4	4.5	8.4	16.8	37.2	15.7	30.3	0.2
15-16	0.6	1.6	4.5	8.9	17.0	37.1	17.5	28.4	0.2
16-17	0.7	1.8	4.7	9.3	17.8	37.1	20.2	24.9	0.2
17-18	0.8	1.9	4.8	9.8	18.7	36.7	23.6	21.1	0.2
18-19	1.0	2.2	5.1	10.3	19.8	36.4	26.7	17.1	0.2
19-20	1.3	2.6	5.7	11.0	21.0	35.6	28.0	15.4	0.9
20-21	1.7	3.1	6.4	11.7	22.4	34.8	28.6	14.2	0.3
21-22	2.3	3.9	7.6	13.1	24.3	33.6	29.1	13.0	0.2
22-23	2.9	5.0	8.9	14.9	26.6	32.4	28.4	12.7	0.3
23-24	3.7	6.1	10.4	17.1	29.2	31.2	27.6	12.1	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 25.2% of all available observations between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.1: Hourly visibility and ceiling 27 years.

3.11.2 Monthly Visibility and Ceiling 27 years

Visibility and Ceiling during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Visibility [m] and Ceiling [ft]								
	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
January	4.5	10.5	21.9	35.8	52.0	30.1	9.2	8.7	2.5
February	2.3	4.9	11.6	22.2	40.4	30.7	17.6	11.3	2.8
March	1.2	2.2	5.4	12.0	25.2	33.9	25.5	15.4	2.2
April	0.6	0.9	2.5	6.3	15.2	34.9	31.4	18.5	2.4
May	0.6	1.0	2.0	5.2	11.9	39.6	25.3	23.1	2.1
June	0.3	0.5	1.2	3.1	8.2	37.4	24.7	29.7	2.1
July	0.4	0.6	1.1	2.6	6.8	34.6	28.7	30.0	2.2
August	0.6	1.0	2.0	4.3	10.4	33.0	27.3	29.3	2.1
September	3.2	4.3	6.8	11.3	21.3	33.1	22.5	23.1	2.1
October	7.4	10.4	17.2	26.5	40.7	28.8	15.7	14.8	2.2
November	8.0	13.3	23.3	34.8	50.4	28.3	9.9	11.3	2.3
December	7.0	13.6	24.6	36.0	51.5	31.3	8.3	9.0	2.1

Frequency [%] relative to all available METARs in a specific hour interval. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 6.3% of all available observations in April showed a base height of the lowest cloud layer of BKN or OVC < 200 ft or a visibility < 5000 m.

Figure 3.11.2: Monthly visibility and ceiling 27 years.

3.11.3 Hourly Visibility and Ceiling per Season

Visibility and Ceiling in Winter (DJF) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	7.1	13.2	22.6	35.1	52.0	28.9	11.2	7.9	47.8
01-02	7.1	13.0	23.3	35.7	53.5	28.1	10.8	7.5	0.5
02-03	7.1	13.4	24.1	37.3	54.9	27.8	9.7	7.6	0.4
03-04	7.8	14.3	25.1	39.0	56.4	26.9	8.7	8.0	0.4
04-05	8.0	14.6	25.4	39.9	57.2	26.9	8.0	8.0	0.5
05-06	8.2	15.0	25.7	40.2	57.3	27.6	7.2	8.0	0.5
06-07	7.7	15.0	26.9	42.7	59.0	27.1	6.7	7.2	0.4
07-08	7.2	15.4	28.7	42.8	58.7	27.1	6.8	7.4	0.5
08-09	7.2	14.8	28.1	41.4	57.2	26.9	7.1	8.8	0.5
09-10	5.5	12.8	25.5	38.1	54.7	28.4	7.5	9.4	0.4
10-11	3.5	9.5	21.4	34.1	50.4	30.1	8.5	11.0	0.4
11-12	2.5	7.2	17.8	29.1	46.2	31.8	9.5	12.5	0.6
12-13	1.6	5.3	14.6	25.1	41.1	34.4	10.8	13.6	0.5
13-14	1.3	4.5	12.7	22.4	37.9	35.6	13.1	13.4	0.4
14-15	1.3	4.2	12.2	21.0	36.9	35.5	14.6	13.1	0.5
15-16	1.6	4.5	12.5	22.2	37.2	35.2	15.4	12.2	0.5
16-17	1.8	4.9	12.9	23.0	38.7	34.4	16.2	10.7	0.4
17-18	2.1	5.3	12.8	23.6	39.8	34.0	16.6	9.6	0.5
18-19	2.5	6.0	13.5	24.6	41.1	33.2	16.4	9.2	0.5
19-20	3.1	6.8	14.5	25.8	42.5	32.0	15.8	9.7	1.0
20-21	3.6	7.4	15.3	26.4	43.5	31.9	15.2	9.5	0.4
21-22	4.4	8.6	17.1	28.3	45.1	31.7	14.1	9.1	0.4
22-23	5.0	10.1	18.7	30.2	47.7	30.2	13.2	8.9	0.4
23-24	5.9	11.4	20.5	32.6	49.8	29.3	12.6	8.2	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 39% of all available observations in Winter (DJF) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.3: Hourly visibility and ceiling in Winter.

Visibility and Ceiling in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	1.1	1.4	3.3	8.4	19.5	32.0	36.9	11.7	48.0
01-02	1.4	1.9	4.2	9.6	21.9	32.0	34.0	12.1	0.2
02-03	2.0	3.1	5.5	11.9	25.1	31.7	31.3	12.0	0.2
03-04	2.8	4.0	7.1	14.4	28.8	30.4	27.0	13.8	0.2
04-05	3.1	4.3	8.4	16.3	31.1	30.3	25.3	13.3	0.2
05-06	2.9	4.7	9.5	17.8	32.8	30.1	26.3	10.7	0.2
06-07	2.4	4.0	9.1	17.4	30.8	31.4	27.1	10.7	0.1
07-08	1.4	2.9	7.2	15.1	27.7	32.8	26.3	13.2	0.2
08-09	0.7	1.6	4.8	11.6	23.6	34.4	24.2	17.8	0.3
09-10	0.4	1.0	3.0	8.4	18.6	36.0	22.6	22.7	0.2
10-11	0.1	0.3	1.9	6.0	14.9	37.4	19.7	28.1	0.2
11-12	0.0	0.2	1.3	4.1	12.2	38.6	17.7	31.5	0.1
12-13	0.0	0.2	1.0	3.5	10.3	41.2	16.0	32.5	0.3
13-14	0.0	0.2	0.8	3.0	9.4	41.8	16.0	32.7	0.2
14-15	0.1	0.2	1.0	3.0	9.2	42.1	16.8	32.0	0.2
15-16	0.1	0.2	1.1	3.3	8.9	41.6	18.9	30.6	0.2
16-17	0.1	0.3	0.9	3.3	8.9	42.0	22.8	26.3	0.1
17-18	0.0	0.1	0.8	3.6	9.7	41.1	27.5	21.8	0.1
18-19	0.0	0.1	0.7	3.7	10.5	40.1	32.0	17.4	0.1
19-20	0.0	0.1	0.9	3.7	10.7	39.2	35.7	14.4	1.0
20-21	0.1	0.2	1.0	4.0	11.3	37.5	38.5	12.7	0.2
21-22	0.1	0.4	1.4	4.3	12.9	35.4	39.7	12.0	0.2
22-23	0.4	0.7	1.7	5.4	14.3	34.1	39.6	11.9	0.3
23-24	0.7	1.1	2.6	6.8	17.1	33.0	39.3	10.6	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 14.4% of all available observations in Spring (MAM) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.4: Hourly visibility and ceiling in Spring.

Visibility and Ceiling in Summer (JJA) during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	0.6	0.8	1.5	3.5	9.6	33.2	41.1	16.1	47.9
01-02	0.8	1.1	2.1	4.6	11.3	32.4	38.7	17.6	0.1
02-03	1.3	1.8	3.1	6.2	14.0	32.0	33.5	20.4	0.1
03-04	2.3	3.1	5.0	9.3	18.6	31.6	27.3	22.4	0.1
04-05	2.6	3.5	6.2	11.0	20.5	31.2	28.9	19.4	0.1
05-06	2.0	2.9	5.7	10.5	19.5	31.4	32.3	16.8	0.2
06-07	1.0	2.2	4.3	8.3	17.0	32.5	32.8	17.7	0.1
07-08	0.1	0.8	2.5	6.2	14.6	31.8	30.7	22.9	0.0
08-09	0.0	0.1	0.8	3.5	9.8	32.8	27.3	30.1	0.0
09-10	0.0	0.0	0.3	2.2	6.6	33.8	22.5	37.2	0.1
10-11	0.0	0.0	0.2	1.4	4.8	34.4	16.6	44.1	0.1
11-12	0.0	0.0	0.1	1.2	4.4	33.3	12.6	49.7	0.2
12-13	0.0	0.0	0.1	0.8	3.6	34.5	10.5	51.3	0.1
13-14	0.0	0.0	0.1	0.4	2.9	36.1	9.6	51.4	0.1
14-15	0.0	0.0	0.1	0.6	3.0	36.1	10.6	50.3	0.1
15-16	0.0	0.0	0.1	0.9	3.3	37.3	11.9	47.5	0.0
16-17	0.0	0.0	0.1	0.5	3.2	38.9	15.5	42.4	0.2
17-18	0.0	0.0	0.2	0.9	3.6	39.4	21.9	35.1	0.1
18-19	0.0	0.0	0.1	1.2	4.1	39.2	30.2	26.4	0.0
19-20	0.0	0.0	0.2	1.1	4.7	39.3	34.8	21.2	0.7
20-21	0.0	0.0	0.1	0.8	4.9	38.6	37.9	18.7	0.1
21-22	0.0	0.0	0.2	1.1	5.4	37.3	41.2	16.1	0.1
22-23	0.1	0.2	0.5	1.7	6.2	36.4	42.2	15.2	0.2
23-24	0.2	0.5	0.9	2.4	7.7	34.5	42.3	15.5	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 9.3% of all available observations in Summer (JJA) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.5: Hourly visibility and ceiling in Summer.

Visibility and Ceiling in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	10.6	14.3	20.7	31.2	45.7	27.6	14.2	12.4	47.9
01-02	11.6	15.7	22.8	33.8	48.6	27.0	12.5	11.9	0.3
02-03	12.8	17.5	25.5	36.5	51.3	26.8	10.4	11.4	0.2
03-04	14.2	19.0	27.6	38.5	53.6	25.9	8.6	11.9	0.1
04-05	14.8	20.0	29.1	40.5	56.0	25.9	7.3	10.8	0.1
05-06	14.9	20.6	30.6	42.6	57.9	25.3	7.2	9.6	0.2
06-07	14.0	19.8	30.0	42.5	57.6	25.4	7.5	9.6	0.2
07-08	12.2	17.3	28.4	40.3	55.0	26.1	8.4	10.5	0.2
08-09	8.2	14.3	24.5	35.8	50.0	27.9	9.4	12.7	0.1
09-10	4.6	9.9	18.8	29.2	43.0	29.6	10.9	16.5	0.1
10-11	2.2	5.8	13.3	22.3	35.5	31.5	11.8	21.1	0.1
11-12	1.0	3.4	9.3	16.8	28.4	33.8	13.0	24.7	0.1
12-13	0.6	2.2	6.8	12.8	23.5	35.4	15.2	26.0	0.2
13-14	0.3	1.3	5.2	10.2	20.2	35.9	18.1	25.8	0.3
14-15	0.5	1.4	4.8	9.2	18.7	35.2	20.9	25.2	0.2
15-16	0.7	1.7	4.7	9.4	18.9	34.2	23.9	23.0	0.2
16-17	0.9	2.0	5.0	10.8	21.0	33.0	26.3	19.7	0.2
17-18	1.1	2.4	5.4	11.2	22.2	32.0	28.2	17.5	0.2
18-19	1.6	2.7	6.2	12.1	24.0	32.9	28.0	15.1	0.2
19-20	2.2	3.5	7.6	13.9	26.5	31.9	25.5	16.0	1.0
20-21	3.0	4.9	9.5	15.9	30.5	31.1	22.6	15.8	0.3
21-22	4.6	6.8	11.9	19.2	34.3	29.8	21.0	14.8	0.2
22-23	6.1	8.9	14.8	22.9	38.6	28.7	18.1	14.6	0.3
23-24	8.0	11.5	17.8	27.2	42.7	27.7	15.6	14.0	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 38.5% of all available observations in Autumn (SON) between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.6: Hourly visibility and ceiling in Autumn.

3.11.4 Hourly Visibility and Ceiling per Month

Visibility and Ceiling in January during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	7.2	14.5	25.2	38.5	54.3	31.1	8.9	5.7	47.6
01-02	7.1	14.1	26.7	40.4	55.9	28.9	8.2	7.0	0.6
02-03	7.1	14.2	27.4	41.0	56.9	28.1	7.6	7.4	0.4
03-04	7.5	15.3	27.4	42.0	58.9	26.1	7.5	7.4	0.5
04-05	7.4	15.8	28.4	42.0	60.0	25.7	7.2	7.1	0.5
05-06	7.7	16.6	28.4	41.7	59.0	27.4	6.3	7.3	0.5
06-07	7.4	16.2	27.6	44.2	60.8	26.3	6.2	6.7	0.5
07-08	6.8	17.1	30.9	45.1	61.2	25.4	6.0	7.4	0.5
08-09	7.3	15.8	30.5	43.8	59.6	25.5	5.9	9.0	0.4
09-10	5.5	13.4	28.1	41.7	57.4	27.9	5.8	8.9	0.4
10-11	3.7	10.1	23.3	38.5	55.3	29.4	6.4	8.9	0.5
11-12	2.8	8.3	20.5	33.8	51.2	30.4	7.3	11.2	0.5
12-13	1.5	5.3	17.1	29.8	45.8	32.8	8.3	13.1	0.4
13-14	1.2	3.8	14.1	27.8	43.1	33.8	9.8	13.3	0.5
14-15	1.3	3.8	13.5	26.8	42.6	34.0	11.7	11.8	0.4
15-16	1.4	4.6	14.1	26.8	42.7	33.6	12.7	11.0	0.5
16-17	1.5	5.0	14.6	28.5	44.5	33.1	13.4	8.9	0.5
17-18	1.8	5.2	14.1	29.0	45.1	33.6	14.3	7.0	0.4
18-19	2.3	6.4	15.1	30.3	45.3	34.3	13.1	7.3	0.6
19-20	2.7	7.1	16.4	31.9	46.5	32.3	12.3	8.9	1.0
20-21	3.5	7.9	18.1	32.5	47.7	32.0	11.8	8.5	0.5
21-22	4.1	9.6	20.7	33.1	49.2	31.7	11.0	8.1	0.5
22-23	5.0	10.5	21.8	35.3	51.8	30.2	9.4	8.6	0.5
23-24	5.8	12.5	23.1	36.3	54.1	29.5	9.4	7.1	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 42% of all available observations in January between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.7: Hourly visibility and ceiling in January.

Visibility and Ceiling in February during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	2.9	5.2	13.6	25.0	44.9	26.9	17.9	10.2	48.1
01-02	2.9	6.2	14.4	26.5	47.7	26.8	16.6	8.9	0.7
02-03	3.3	7.3	15.2	29.9	49.9	26.6	14.8	8.7	0.7
03-04	4.9	8.5	16.8	30.9	51.9	25.8	12.5	9.8	0.7
04-05	5.4	9.0	17.2	33.6	52.3	26.2	11.1	10.4	0.8
05-06	5.9	9.6	18.5	34.3	52.9	27.7	10.0	9.5	0.7
06-07	6.1	10.6	22.4	39.0	56.4	27.5	9.2	6.9	0.7
07-08	5.7	11.4	22.8	38.1	55.6	27.7	9.4	7.4	0.7
08-09	5.6	10.5	22.3	36.5	53.7	26.4	10.5	9.4	1.0
09-10	3.8	8.8	18.3	30.8	50.1	28.3	11.8	9.8	0.7
10-11	2.0	5.7	14.0	24.6	43.4	30.6	13.2	12.8	0.7
11-12	0.7	3.4	9.7	19.4	38.2	32.0	14.6	15.2	0.9
12-13	0.3	2.1	6.9	14.9	32.3	34.8	16.0	16.9	0.9
13-14	0.1	1.7	5.8	12.4	28.3	36.0	18.7	17.0	0.7
14-15	0.1	1.4	4.8	10.8	26.6	36.8	21.2	15.4	0.9
15-16	0.1	1.1	4.7	11.0	25.0	37.0	22.8	15.2	0.7
16-17	0.1	1.1	4.8	11.0	27.3	35.5	24.3	12.9	0.7
17-18	0.1	1.2	4.5	11.9	28.8	33.8	24.6	12.7	0.8
18-19	0.1	1.0	5.2	11.6	30.3	32.4	26.2	11.1	0.7
19-20	0.3	1.1	5.7	12.8	31.2	32.2	25.6	11.0	1.4
20-21	0.4	1.5	6.1	13.2	32.8	31.6	25.0	10.6	0.8
21-22	0.9	2.0	6.5	15.4	34.4	32.0	23.5	10.2	0.6
22-23	1.4	3.4	7.9	17.9	37.7	30.5	22.6	9.2	0.7
23-24	1.7	3.6	10.7	21.8	40.9	28.7	20.6	9.8	1.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 30.9% of all available observations in February between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.8: Hourly visibility and ceiling in February.

Visibility and Ceiling in March during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	1.5	1.9	4.8	12.4	27.9	32.4	28.1	11.6	47.5
01-02	1.7	2.6	5.9	13.8	30.8	31.6	25.8	11.8	0.1
02-03	2.2	4.1	7.8	17.0	35.2	29.7	24.3	10.8	0.1
03-04	3.2	4.7	9.0	18.6	36.7	29.8	22.0	11.5	0.0
04-05	3.5	5.0	10.4	20.5	38.3	30.5	19.3	12.0	0.2
05-06	3.8	6.7	13.6	24.8	43.2	30.2	16.8	9.7	0.1
06-07	4.2	7.0	15.1	26.5	42.5	31.4	17.2	8.8	0.0
07-08	3.2	5.7	13.6	24.2	39.6	31.7	18.4	10.2	0.2
08-09	1.9	3.7	10.4	20.2	36.1	30.9	19.3	13.7	0.4
09-10	1.1	2.5	6.9	15.2	29.8	32.8	20.6	16.7	0.1
10-11	0.1	0.7	4.4	11.1	24.6	33.5	20.6	21.3	0.1
11-12	0.0	0.4	2.6	7.4	20.6	35.6	21.8	21.9	0.1
12-13	0.0	0.5	1.8	5.9	16.8	37.3	22.2	23.7	0.3
13-14	0.1	0.5	1.4	5.0	15.0	37.5	22.7	24.8	0.2
14-15	0.2	0.4	2.0	5.0	14.4	37.8	24.2	23.7	0.2
15-16	0.3	0.6	2.1	5.6	13.4	37.5	26.7	22.4	0.0
16-17	0.2	0.8	1.6	5.4	14.1	37.3	29.3	19.3	0.1
17-18	0.1	0.2	1.3	5.9	14.5	37.9	31.2	16.4	0.1
18-19	0.1	0.3	1.4	5.9	15.2	36.6	33.0	15.2	0.0
19-20	0.1	0.2	1.9	6.0	15.4	35.8	34.7	14.1	1.0
20-21	0.2	0.5	2.0	6.6	16.9	35.2	34.9	12.9	0.2
21-22	0.3	1.1	2.6	6.8	19.3	34.2	34.4	12.2	0.4
22-23	0.7	1.6	3.2	8.6	20.9	33.8	33.6	11.6	0.5
23-24	1.3	1.8	4.3	10.5	25.1	32.2	32.4	10.4	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 18.6% of all available observations in March between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.9: Hourly visibility and ceiling in March.

Visibility and Ceiling in April during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	0.6	1.1	2.6	7.1	16.3	29.0	43.7	11.0	48.5
01-02	0.9	1.4	3.8	8.1	18.7	30.0	40.5	10.8	0.4
02-03	1.5	2.2	4.7	9.7	21.1	31.9	37.9	9.0	0.4
03-04	2.4	3.3	6.0	11.8	24.9	28.5	34.0	12.6	0.4
04-05	2.7	3.5	7.6	14.7	29.0	28.0	29.5	13.6	0.2
05-06	2.4	3.3	7.9	16.9	31.2	26.9	30.4	11.6	0.4
06-07	1.6	2.4	7.0	14.9	28.7	27.9	31.7	11.6	0.4
07-08	0.9	1.8	4.6	12.7	25.5	30.1	31.8	12.6	0.4
08-09	0.2	0.9	2.4	8.8	21.2	33.0	30.4	15.4	0.4
09-10	0.1	0.4	1.6	6.3	16.0	34.3	28.3	21.4	0.2
10-11	0.2	0.3	1.2	4.1	12.4	35.7	24.5	27.3	0.3
11-12	0.0	0.3	0.9	2.8	9.3	37.3	21.1	32.4	0.3
12-13	0.0	0.1	1.1	2.9	8.5	40.8	17.2	33.5	0.4
13-14	0.0	0.1	0.7	2.4	8.1	41.3	16.6	34.0	0.4
14-15	0.0	0.1	0.6	2.3	7.4	42.1	17.7	32.8	0.4
15-16	0.0	0.0	0.7	2.4	7.6	41.6	19.5	31.2	0.4
16-17	0.0	0.0	0.7	2.1	7.5	42.8	24.1	25.5	0.2
17-18	0.0	0.0	0.6	2.4	7.9	41.2	29.7	21.2	0.2
18-19	0.0	0.0	0.3	2.0	8.8	39.9	35.6	15.7	0.2
19-20	0.0	0.0	0.4	2.1	8.9	38.8	39.5	12.9	1.2
20-21	0.0	0.0	0.5	2.4	8.9	36.6	43.2	11.3	0.3
21-22	0.1	0.1	0.9	3.2	10.3	34.5	44.4	10.9	0.2
22-23	0.1	0.2	1.2	3.9	12.3	32.1	44.9	10.7	0.5
23-24	0.4	0.8	2.1	5.1	14.9	31.5	43.6	10.0	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 11.8% of all available observations in April between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.10: Hourly visibility and ceiling in April.

Visibility and Ceiling in May during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	1.2	1.3	2.3	5.6	14.0	34.5	39.1	12.3	48.1
01-02	1.4	1.9	2.9	6.8	16.1	34.4	35.9	13.6	0.1
02-03	2.3	2.9	4.1	9.0	18.8	33.4	31.8	16.0	0.1
03-04	2.9	3.8	6.2	12.6	24.6	33.0	25.2	17.2	0.1
04-05	3.0	4.2	7.2	13.7	26.1	32.3	27.3	14.3	0.1
05-06	2.5	3.9	6.9	11.8	24.0	33.2	32.0	10.9	0.1
06-07	1.3	2.6	5.0	10.6	21.0	34.7	32.6	11.7	0.1
07-08	0.2	1.1	3.3	8.4	17.9	36.6	28.8	16.8	0.0
08-09	0.0	0.2	1.4	5.7	13.5	39.2	23.1	24.1	0.0
09-10	0.0	0.0	0.4	3.5	10.0	40.9	19.2	30.0	0.2
10-11	0.0	0.0	0.2	2.7	7.5	42.8	14.2	35.6	0.2
11-12	0.0	0.0	0.4	2.0	6.5	43.0	10.4	40.2	0.1
12-13	0.0	0.0	0.3	1.7	5.6	45.5	8.6	40.3	0.1
13-14	0.0	0.0	0.4	1.4	5.0	46.8	8.8	39.4	0.2
14-15	0.0	0.0	0.3	1.6	5.7	46.3	8.6	39.4	0.0
15-16	0.0	0.0	0.5	1.8	5.5	45.8	10.6	38.2	0.1
16-17	0.0	0.0	0.5	2.3	5.1	45.8	15.0	34.2	0.0
17-18	0.0	0.0	0.5	2.6	6.5	44.3	21.6	27.6	0.1
18-19	0.0	0.0	0.5	3.2	7.4	44.0	27.5	21.2	0.1
19-20	0.0	0.0	0.4	3.0	7.9	42.9	33.1	16.1	0.8
20-21	0.0	0.0	0.4	2.7	8.1	40.6	37.5	13.8	0.0
21-22	0.0	0.0	0.5	3.0	9.0	37.7	40.6	12.8	0.1
22-23	0.4	0.4	0.8	3.5	9.7	36.5	40.5	13.3	0.0
23-24	0.5	0.7	1.5	4.6	11.3	35.1	42.0	11.5	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 12.6% of all available observations in May between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.11: Hourly visibility and ceiling in May.

Visibility and Ceiling in June during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	0.2	0.5	1.3	4.1	9.9	34.7	40.1	15.2	47.7
01-02	0.2	0.4	1.7	5.6	11.7	33.6	39.1	15.6	0.1
02-03	0.9	1.4	3.3	6.8	14.3	33.0	32.9	19.7	0.1
03-04	2.2	2.8	5.2	9.4	19.6	32.6	26.5	21.3	0.0
04-05	2.2	2.8	5.3	9.6	19.3	32.0	31.2	17.5	0.1
05-06	1.4	1.9	4.3	8.6	16.5	33.4	33.3	16.7	0.1
06-07	0.3	0.9	3.2	7.0	14.9	34.4	32.3	18.4	0.1
07-08	0.1	0.3	1.4	4.8	11.8	33.6	28.3	26.4	0.0
08-09	0.0	0.0	0.2	2.8	8.5	34.6	24.2	32.7	0.1
09-10	0.0	0.0	0.2	2.0	5.3	38.0	19.0	37.6	0.1
10-11	0.0	0.0	0.3	1.5	4.4	37.8	13.9	43.9	0.1
11-12	0.0	0.0	0.2	1.0	4.1	36.5	11.1	48.3	0.1
12-13	0.0	0.0	0.1	0.9	3.4	36.6	9.6	50.3	0.2
13-14	0.0	0.0	0.1	0.4	2.5	37.9	8.2	51.4	0.1
14-15	0.0	0.0	0.2	0.2	3.0	40.4	7.6	49.0	0.1
15-16	0.0	0.0	0.1	0.4	3.0	41.5	9.0	46.5	0.1
16-17	0.0	0.0	0.1	0.4	3.0	42.9	11.6	42.5	0.1
17-18	0.0	0.0	0.1	1.1	3.9	42.9	17.2	36.0	0.1
18-19	0.0	0.0	0.2	1.4	4.8	42.8	25.9	26.6	0.1
19-20	0.0	0.0	0.2	1.1	5.9	42.5	29.0	22.6	0.7
20-21	0.0	0.0	0.2	0.6	5.9	42.5	31.7	19.9	0.0
21-22	0.1	0.1	0.4	1.4	6.4	39.2	37.2	17.2	0.2
22-23	0.2	0.2	0.5	2.2	7.0	37.1	40.1	15.8	0.1
23-24	0.3	0.3	0.9	2.5	8.2	34.7	41.8	15.4	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 9.4% of all available observations in June between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.12: Hourly visibility and ceiling in June.

Visibility and Ceiling in July during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	0.6	0.6	0.9	2.3	6.9	34.4	44.5	14.2	47.8
01-02	0.8	1.0	1.4	2.8	7.5	34.5	41.4	16.6	0.2
02-03	1.4	1.8	2.6	4.1	9.6	34.7	37.7	18.1	0.1
03-04	2.3	2.9	4.0	7.5	14.8	32.5	31.5	21.2	0.1
04-05	2.3	2.9	4.5	8.5	15.4	32.2	33.8	18.6	0.2
05-06	1.3	2.1	4.2	8.4	16.1	31.6	37.2	15.1	0.2
06-07	0.5	1.9	3.2	6.5	14.1	33.0	36.9	16.0	0.2
07-08	0.1	0.6	1.9	5.1	12.2	32.2	33.8	21.9	0.1
08-09	0.0	0.1	0.5	2.9	7.7	32.9	29.0	30.4	0.0
09-10	0.0	0.0	0.3	2.0	5.2	32.6	22.8	39.3	0.1
10-11	0.0	0.0	0.1	1.2	4.3	33.7	15.9	46.1	0.1
11-12	0.0	0.0	0.0	1.4	3.9	33.4	11.3	51.4	0.3
12-13	0.0	0.1	0.1	0.8	3.2	33.9	9.6	53.2	0.0
13-14	0.0	0.0	0.0	0.4	2.7	35.3	8.8	53.1	0.1
14-15	0.0	0.0	0.1	0.8	3.2	33.4	10.9	52.5	0.1
15-16	0.0	0.0	0.1	0.8	2.9	35.1	12.4	49.5	0.1
16-17	0.0	0.0	0.1	0.4	3.1	35.8	15.4	45.7	0.2
17-18	0.0	0.0	0.2	0.6	3.2	37.8	21.3	37.7	0.2
18-19	0.0	0.0	0.1	1.0	4.1	36.6	30.6	28.8	0.0
19-20	0.0	0.0	0.2	1.2	4.0	37.6	36.6	21.9	0.8
20-21	0.0	0.0	0.2	0.9	4.1	37.4	40.6	17.9	0.1
21-22	0.0	0.0	0.0	0.8	4.0	36.8	44.2	15.0	0.2
22-23	0.1	0.1	0.2	0.8	4.6	37.0	44.3	14.1	0.3
23-24	0.2	0.3	0.7	1.4	5.8	35.6	45.4	13.2	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 7.5% of all available observations in July between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.13: Hourly visibility and ceiling in July.

Visibility and Ceiling in August during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	1.0	1.3	2.3	4.1	12.1	30.4	38.7	18.9	48.1
01-02	1.4	1.8	3.2	5.4	14.8	29.1	35.6	20.5	0.2
02-03	1.7	2.2	3.5	7.8	18.2	28.5	29.9	23.5	0.1
03-04	2.2	3.6	5.9	11.1	21.6	29.8	23.8	24.7	0.2
04-05	3.3	4.8	8.6	14.8	26.7	29.5	21.7	22.1	0.1
05-06	3.5	4.7	8.7	14.6	25.9	29.3	26.4	18.4	0.1
06-07	2.0	3.8	6.6	11.5	22.0	30.2	29.2	18.5	0.1
07-08	0.1	1.4	4.3	8.7	19.7	29.8	29.9	20.6	0.1
08-09	0.0	0.1	1.8	4.8	13.3	31.0	28.6	27.2	0.0
09-10	0.0	0.0	0.5	2.7	9.2	30.7	25.6	34.6	0.2
10-11	0.0	0.0	0.2	1.6	5.8	31.9	20.0	42.3	0.1
11-12	0.0	0.0	0.0	1.2	5.3	30.2	15.2	49.3	0.1
12-13	0.0	0.0	0.1	0.8	4.3	33.2	12.2	50.3	0.0
13-14	0.0	0.0	0.1	0.4	3.6	35.1	11.8	49.6	0.0
14-15	0.0	0.0	0.1	1.0	2.7	34.6	13.2	49.4	0.0
15-16	0.0	0.0	0.0	1.4	4.1	35.4	14.1	46.4	0.0
16-17	0.0	0.0	0.1	0.9	3.6	38.2	19.3	39.0	0.1
17-18	0.0	0.0	0.3	1.2	3.7	37.5	27.2	31.6	0.1
18-19	0.0	0.0	0.1	1.4	3.6	38.5	34.0	23.8	0.1
19-20	0.0	0.0	0.1	1.1	4.2	37.8	38.6	19.3	0.7
20-21	0.0	0.0	0.0	1.0	4.6	35.9	41.2	18.2	0.3
21-22	0.0	0.1	0.3	1.1	5.9	35.9	42.1	16.1	0.1
22-23	0.0	0.4	0.8	2.0	7.1	35.1	41.9	15.8	0.3
23-24	0.2	0.8	1.3	3.2	9.0	33.4	39.7	18.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 11.1% of all available observations in August between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.14: Hourly visibility and ceiling in August.

Visibility and Ceiling in September during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	3.6	4.7	7.0	13.6	26.5	30.8	23.5	19.2	47.9
01-02	5.6	6.9	9.9	17.2	30.0	30.4	20.4	19.3	0.3
02-03	7.9	9.4	13.4	21.1	34.6	31.4	15.3	18.7	0.0
03-04	10.3	13.0	17.3	25.0	40.1	29.3	12.0	18.5	0.1
04-05	11.5	15.1	20.4	29.7	46.6	27.9	9.8	15.7	0.1
05-06	12.4	15.7	22.9	33.0	50.0	26.9	10.6	12.5	0.1
06-07	10.4	13.6	20.4	30.4	46.2	28.8	13.6	11.4	0.2
07-08	7.7	10.5	17.1	26.2	40.9	29.6	14.3	15.1	0.2
08-09	3.3	6.2	11.2	18.9	33.2	31.8	15.3	19.7	0.1
09-10	0.3	2.6	6.1	10.6	24.1	32.9	17.8	25.1	0.0
10-11	0.0	0.4	2.4	5.6	15.6	35.4	16.4	32.6	0.1
11-12	0.0	0.0	1.1	3.6	9.6	37.6	16.3	36.6	0.1
12-13	0.0	0.1	0.3	2.5	6.9	38.2	17.3	37.7	0.1
13-14	0.0	0.0	0.1	1.7	5.9	37.7	19.5	36.9	0.1
14-15	0.0	0.1	0.1	1.2	5.1	35.9	22.1	37.0	0.1
15-16	0.0	0.1	0.2	1.0	4.9	36.5	24.7	33.8	0.1
16-17	0.0	0.0	0.3	1.9	6.4	35.2	29.2	29.2	0.1
17-18	0.0	0.0	0.1	1.7	7.2	34.6	34.8	23.4	0.1
18-19	0.0	0.0	0.1	1.3	7.9	35.5	38.5	18.1	0.1
19-20	0.0	0.0	0.2	2.4	8.3	35.2	38.9	17.6	0.7
20-21	0.1	0.1	0.9	3.0	10.5	34.6	35.9	19.0	0.2
21-22	0.3	0.6	1.9	4.4	14.3	32.7	35.9	17.1	0.1
22-23	1.4	1.8	3.9	6.5	17.3	32.4	32.1	18.3	0.2
23-24	2.7	3.3	5.1	10.3	21.8	31.8	27.2	19.2	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 25% of all available observations in September between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.15: Hourly visibility and ceiling in September.

Visibility and Ceiling in October during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	14.9	18.1	25.4	36.5	52.8	26.1	11.1	10.0	48.3
01-02	15.7	19.6	27.5	39.3	56.2	25.0	9.3	9.5	0.2
02-03	16.5	21.7	31.4	42.7	57.9	24.8	8.5	8.8	0.2
03-04	17.8	22.4	31.5	44.3	58.9	24.1	7.5	9.5	0.2
04-05	18.0	23.1	32.2	44.3	59.1	25.2	6.2	9.5	0.2
05-06	17.9	24.9	34.5	47.0	60.9	24.7	5.9	8.5	0.3
06-07	17.7	25.1	35.0	48.4	62.1	23.9	5.3	8.7	0.2
07-08	15.9	21.3	33.2	45.7	60.5	24.6	6.6	8.3	0.2
08-09	10.6	17.6	28.8	41.0	55.7	26.4	7.9	9.9	0.1
09-10	5.5	11.4	21.4	34.5	48.3	28.2	9.8	13.7	0.1
10-11	2.0	5.6	13.8	24.8	39.4	30.1	12.7	17.8	0.1
11-12	0.5	2.4	8.6	17.2	31.4	32.1	14.7	21.8	0.2
12-13	0.1	1.1	5.2	11.4	24.7	33.4	18.2	23.7	0.3
13-14	0.0	0.3	3.3	8.4	19.9	34.0	21.8	24.4	0.2
14-15	0.0	0.2	2.9	7.4	18.0	34.2	25.0	22.9	0.2
15-16	0.0	0.3	2.8	6.7	17.1	33.3	29.1	20.6	0.2
16-17	0.2	0.5	3.0	8.6	19.2	32.3	32.2	16.3	0.2
17-18	0.4	0.7	4.1	9.6	21.2	31.2	31.8	15.9	0.1
18-19	0.5	0.9	5.1	11.1	23.8	32.2	28.6	15.3	0.2
19-20	1.3	2.0	6.8	13.5	27.7	30.7	23.4	18.2	0.7
20-21	2.2	4.0	9.0	16.9	34.7	29.1	19.2	17.0	0.4
21-22	4.7	6.9	12.3	21.5	38.7	29.4	16.2	15.7	0.2
22-23	7.5	10.5	16.9	27.1	44.3	28.2	13.3	14.2	0.3
23-24	10.2	13.4	21.3	31.6	49.5	26.9	11.1	12.5	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 44.3% of all available observations in October between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.16: Hourly visibility and ceiling in October.

Visibility and Ceiling in November during the 27 years period
from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	13.2	20.0	29.5	43.2	57.6	26.1	8.2	8.1	47.5
01-02	13.4	20.5	30.7	44.7	59.5	25.5	8.0	7.1	0.2
02-03	14.1	21.2	31.5	45.4	61.3	24.3	7.6	6.8	0.3
03-04	14.5	21.5	34.0	46.0	61.5	24.5	6.4	7.6	0.2
04-05	15.0	21.6	34.7	47.2	62.1	24.7	5.9	7.4	0.1
05-06	14.4	21.0	34.5	47.5	62.7	24.3	5.1	7.8	0.2
06-07	13.7	20.6	34.5	48.5	64.3	23.4	3.7	8.7	0.3
07-08	12.7	20.1	34.8	48.7	63.5	24.1	4.3	8.2	0.1
08-09	10.7	19.0	33.4	47.2	60.9	25.5	5.1	8.5	0.1
09-10	7.9	15.6	28.9	42.2	56.4	27.7	5.2	10.8	0.2
10-11	4.5	11.6	23.9	36.5	51.6	29.1	6.3	13.0	0.2
11-12	2.6	8.0	18.2	29.7	44.3	31.7	8.0	16.0	0.2
12-13	1.8	5.5	14.9	24.5	38.8	34.7	9.9	16.6	0.3
13-14	1.0	3.8	12.3	20.8	34.9	36.1	12.8	16.2	0.7
14-15	1.5	4.1	11.5	19.0	33.1	35.5	15.6	15.8	0.4
15-16	2.0	4.6	11.2	20.6	34.8	32.8	17.7	14.6	0.4
16-17	2.5	5.5	11.6	22.0	37.4	31.5	17.3	13.8	0.3
17-18	3.0	6.6	12.2	22.5	38.4	30.3	18.0	13.3	0.5
18-19	4.3	7.4	13.4	23.9	40.2	30.9	17.0	11.9	0.4
19-20	5.3	8.7	15.9	25.7	43.7	29.8	14.3	12.2	1.5
20-21	6.7	10.5	18.6	27.9	46.0	29.6	12.9	11.5	0.4
21-22	8.9	12.9	21.4	31.6	49.7	27.4	11.1	11.7	0.3
22-23	9.3	14.4	23.6	34.9	54.0	25.4	9.2	11.4	0.2
23-24	10.8	17.8	26.8	39.4	56.5	24.5	8.6	10.4	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 46% of all available observations in November between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.17: Hourly visibility and ceiling in November.

Visibility and Ceiling in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Visibility [m] and Ceiling [ft]

Time [UTC]	Vis < 800 OR Ceil < 200	< 1500 < 500	< 3000 < 1000	< 5000 < 1500	< 8000 < 2000	≥ 8000 & ≥ 2000	CAVOK	NS [%]	NA [%]
00-01	10.9	19.0	28.2	40.8	56.0	28.6	7.4	8.0	47.6
01-02	10.8	18.3	28.1	39.3	56.4	28.5	8.1	6.9	0.2
02-03	10.4	18.2	28.8	40.4	57.5	28.5	7.2	6.8	0.1
03-04	10.8	18.5	30.3	43.3	57.9	28.6	6.5	7.0	0.0
04-05	10.9	18.5	30.0	43.6	58.8	28.7	6.0	6.5	0.1
05-06	10.6	18.4	29.6	44.0	59.5	27.7	5.6	7.2	0.1
06-07	9.6	17.8	30.4	44.5	59.7	27.6	4.9	7.8	0.2
07-08	9.1	17.3	32.1	44.6	58.9	28.3	5.2	7.5	0.3
08-09	8.7	17.6	31.0	43.5	58.0	28.6	5.3	8.1	0.1
09-10	7.1	15.8	29.3	41.2	56.1	28.9	5.4	9.6	0.2
10-11	4.8	12.3	26.2	38.2	51.8	30.4	6.3	11.4	0.1
11-12	3.8	9.6	22.4	33.3	48.5	33.1	7.1	11.3	0.2
12-13	2.9	8.1	19.0	29.7	44.5	35.8	8.6	11.1	0.1
13-14	2.5	7.7	17.5	26.0	41.3	37.0	11.4	10.2	0.1
14-15	2.5	7.0	17.5	24.6	40.4	35.9	11.4	12.3	0.1
15-16	3.2	7.4	18.0	27.8	42.8	35.2	11.3	10.7	0.2
16-17	3.6	8.4	18.5	28.4	43.3	34.8	11.5	10.4	0.1
17-18	4.2	9.0	19.1	28.8	44.5	34.6	11.5	9.3	0.2
18-19	4.8	10.2	19.3	30.6	46.8	32.8	10.9	9.4	0.1
19-20	6.0	11.8	20.5	31.3	48.6	31.7	10.4	9.2	0.5
20-21	6.8	12.2	21.0	32.1	48.9	32.0	9.7	9.4	0.0
21-22	8.0	13.7	23.2	35.3	50.8	31.4	8.7	9.2	0.1
22-23	8.3	15.8	25.5	36.4	52.6	30.0	8.5	9.0	0.1
23-24	9.8	17.3	26.8	38.7	53.7	29.7	8.6	7.9	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 43.3% of all available observations in December between 03-04 UTC showed a base height of the lowest cloud layer of BKN or OVC < 1500 ft or a visibility < 5000 m.

Figure 3.11.18: Hourly visibility and ceiling in December.

4 Temperature

4.1 Temperature

In the following tables the frequencies in percent of surface temperature in specified ranges of 5° C at certain times (hours or months) are listed. The frequencies are calculated relative to all available METARs each hour (respectively month). The value of NA indicates missing METARs.
The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

4.1.1 Temperature in 27 years

Temperature during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	< -20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.3	1.9	11.2	19.7	23.8	24.7	15.3	1.2	0.0	0.0	0.0	0.0	2.0	47.9
01-02	0.0	0.0	0.3	2.0	11.6	19.9	24.3	24.8	14.3	0.9	0.0	0.0	0.0	0.0	1.9	0.3
02-03	0.0	0.0	0.3	2.0	12.1	20.0	24.7	25.1	13.1	0.7	0.0	0.0	0.0	0.0	2.0	0.2
03-04	0.0	0.0	0.3	2.1	12.6	20.3	25.2	25.0	12.0	0.5	0.0	0.0	0.0	0.0	2.0	0.2
04-05	0.0	0.0	0.3	2.2	12.7	20.3	24.4	24.8	12.6	0.5	0.0	0.0	0.0	0.0	2.2	0.2
05-06	0.0	0.0	0.3	2.3	12.5	19.3	22.5	23.1	16.0	1.8	0.0	0.0	0.0	0.0	2.1	0.2
06-07	0.0	0.0	0.3	2.1	11.8	18.3	20.6	21.2	18.2	5.3	0.2	0.0	0.0	0.0	2.0	0.2
07-08	0.0	0.0	0.3	1.8	10.3	17.6	19.4	20.0	18.9	9.0	1.1	0.0	0.0	0.0	1.7	0.2
08-09	0.0	0.0	0.2	1.4	8.6	16.5	19.1	18.9	19.1	12.1	2.6	0.0	0.0	0.0	1.5	0.2
09-10	0.0	0.0	0.1	1.1	7.3	15.4	18.4	18.5	19.3	13.6	4.8	0.4	0.0	0.0	1.3	0.2
10-11	0.0	0.0	0.1	0.8	6.0	14.4	18.0	17.7	19.1	14.9	6.9	0.9	0.0	0.0	1.2	0.2
11-12	0.0	0.0	0.0	0.6	5.0	13.3	17.4	17.7	19.0	15.7	8.4	1.7	0.0	0.0	1.1	0.2
12-13	0.0	0.0	0.0	0.5	4.3	12.7	17.0	17.6	18.4	16.4	9.5	2.5	0.1	0.0	1.1	0.2
13-14	0.0	0.0	0.0	0.4	4.0	12.3	16.9	17.5	18.1	16.6	10.2	2.9	0.2	0.0	0.9	0.3
14-15	0.0	0.0	0.0	0.4	4.1	12.3	17.0	17.3	17.9	16.4	10.6	3.1	0.2	0.0	0.9	0.2
15-16	0.0	0.0	0.0	0.4	4.6	12.9	17.2	16.9	17.7	15.9	10.1	3.0	0.2	0.0	1.1	0.2
16-17	0.0	0.0	0.0	0.5	5.5	14.0	17.6	16.7	17.7	14.8	9.4	2.3	0.1	0.0	1.2	0.2
17-18	0.0	0.0	0.1	0.8	6.2	15.1	18.2	17.8	17.9	13.8	7.4	1.6	0.0	0.0	1.2	0.2
18-19	0.0	0.0	0.1	0.9	6.9	16.2	19.0	19.8	18.1	12.8	4.6	0.4	0.0	0.0	1.2	0.2
19-20	0.0	0.0	0.1	1.0	7.7	17.1	20.1	21.3	19.3	10.3	1.7	0.0	0.0	0.0	1.4	0.9
20-21	0.0	0.0	0.2	1.2	8.5	17.4	21.0	22.5	19.7	7.4	0.5	0.0	0.0	0.0	1.6	0.3
21-22	0.0	0.0	0.2	1.4	9.2	17.9	21.8	22.8	19.6	5.2	0.2	0.0	0.0	0.0	1.7	0.2
22-23	0.0	0.0	0.2	1.6	9.7	18.8	22.6	23.9	18.2	3.2	0.1	0.0	0.0	0.0	1.7	0.3
23-24	0.0	0.0	0.2	1.8	10.3	19.3	23.3	24.1	17.1	1.9	0.1	0.0	0.0	0.0	1.8	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 17.7% of all available METARs between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.1: Temperature in 27 years.

4.1.2 Temperature per Season

Temperature in Winter (DJF) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.1	0.9	6.8	33.4	36.4	14.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	47.8
01-02	0.0	0.1	1.0	7.0	34.1	36.1	14.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.5
02-03	0.0	0.1	1.2	7.0	34.8	35.2	14.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.4
03-04	0.0	0.2	1.1	7.1	35.8	34.4	14.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.4
04-05	0.0	0.1	1.2	7.4	35.8	34.6	14.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.5
05-06	0.0	0.1	1.1	7.7	35.9	34.2	14.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.5
06-07	0.0	0.0	1.2	7.3	35.7	34.5	14.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.4
07-08	0.0	0.0	1.0	6.7	33.9	36.5	15.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.6
08-09	0.0	0.0	0.7	5.2	29.9	38.4	19.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.5
09-10	0.0	0.0	0.4	4.2	25.9	39.1	23.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.4
10-11	0.0	0.0	0.2	3.2	21.8	38.3	26.5	5.9	0.1	0.0	0.0	0.0	0.0	0.0	4.0	0.4
11-12	0.0	0.0	0.1	2.5	18.6	37.1	28.7	8.9	0.3	0.0	0.0	0.0	0.0	0.0	3.7	0.6
12-13	0.0	0.0	0.0	1.9	16.2	36.5	29.5	11.3	0.6	0.0	0.0	0.0	0.0	0.0	3.9	0.5
13-14	0.0	0.0	0.0	1.7	15.1	36.2	30.6	12.4	0.7	0.0	0.0	0.0	0.0	0.0	3.3	0.4
14-15	0.0	0.0	0.0	1.5	15.3	36.1	31.0	11.8	1.1	0.0	0.0	0.0	0.0	0.0	3.0	0.5
15-16	0.0	0.0	0.1	1.7	17.3	37.4	29.5	9.7	0.8	0.0	0.0	0.0	0.0	0.0	3.4	0.5
16-17	0.0	0.0	0.1	2.1	19.8	39.5	26.6	7.3	0.4	0.0	0.0	0.0	0.0	0.0	4.1	0.4
17-18	0.0	0.0	0.2	3.1	21.8	40.4	25.0	5.3	0.1	0.0	0.0	0.0	0.0	0.0	4.1	0.5
18-19	0.0	0.0	0.3	3.5	24.0	41.1	23.0	3.9	0.1	0.0	0.0	0.0	0.0	0.0	4.1	0.5
19-20	0.0	0.0	0.5	4.1	26.2	40.6	20.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	1.0
20-21	0.0	0.0	0.6	4.7	28.4	39.4	18.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.4
21-22	0.0	0.1	0.7	5.5	30.1	38.7	17.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.4
22-23	0.0	0.1	0.8	5.8	30.7	38.9	16.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.4
23-24	0.0	0.1	0.9	6.6	31.8	37.5	15.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 8.9% of all available METARs in Winter (DJF) between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.2: Temperature in Winter.

Temperature in Spring (MAM) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.2	0.3	6.8	24.0	39.9	24.0	3.4	0.1	0.0	0.0	0.0	0.0	1.3	48.0
01-02	0.0	0.0	0.1	0.4	7.4	25.0	39.9	22.5	2.7	0.1	0.0	0.0	0.0	0.0	1.8	0.2
02-03	0.0	0.0	0.1	0.5	8.8	25.6	40.2	20.6	2.3	0.1	0.0	0.0	0.0	0.0	1.9	0.2
03-04	0.0	0.0	0.1	0.7	9.7	27.1	39.5	19.1	1.8	0.0	0.0	0.0	0.0	0.0	1.9	0.2
04-05	0.0	0.0	0.1	0.7	10.2	26.7	38.3	19.4	1.9	0.1	0.0	0.0	0.0	0.0	2.6	0.2
05-06	0.0	0.0	0.1	0.8	9.7	23.9	34.9	23.6	4.2	0.1	0.0	0.0	0.0	0.0	2.7	0.2
06-07	0.0	0.0	0.1	0.6	7.0	21.1	32.2	27.8	8.5	0.8	0.0	0.0	0.0	0.0	1.9	0.1
07-08	0.0	0.0	0.0	0.3	3.5	18.1	30.9	30.2	13.5	2.3	0.0	0.0	0.0	0.0	1.1	0.2
08-09	0.0	0.0	0.0	0.2	2.1	14.1	28.6	31.1	18.5	4.5	0.2	0.0	0.0	0.0	0.6	0.3
09-10	0.0	0.0	0.0	0.1	1.4	10.9	25.2	31.0	22.7	7.6	0.7	0.0	0.0	0.0	0.4	0.2
10-11	0.0	0.0	0.0	0.1	1.2	8.8	22.4	29.6	24.5	11.6	1.7	0.0	0.0	0.0	0.2	0.2
11-12	0.0	0.0	0.0	0.0	0.8	6.9	20.1	28.7	26.3	14.1	2.7	0.0	0.0	0.0	0.3	0.1
12-13	0.0	0.0	0.0	0.0	0.6	5.7	19.3	27.5	26.3	16.6	3.8	0.2	0.0	0.0	0.1	0.3
13-14	0.0	0.0	0.0	0.0	0.5	5.1	18.2	27.1	26.1	17.6	5.1	0.2	0.0	0.0	0.2	0.2
14-15	0.0	0.0	0.0	0.0	0.5	5.1	18.3	26.4	25.6	18.2	5.5	0.3	0.0	0.0	0.2	0.2
15-16	0.0	0.0	0.0	0.0	0.5	5.5	19.0	26.2	25.8	17.3	5.2	0.3	0.0	0.0	0.3	0.2
16-17	0.0	0.0	0.0	0.0	0.7	6.5	20.1	26.9	25.4	15.8	4.2	0.2	0.0	0.0	0.3	0.1
17-18	0.0	0.0	0.0	0.0	1.1	8.4	22.0	28.8	23.8	12.7	2.6	0.1	0.0	0.0	0.3	0.1
18-19	0.0	0.0	0.0	0.0	1.5	10.8	25.2	31.9	21.4	8.2	0.7	0.0	0.0	0.0	0.2	0.1
19-20	0.0	0.0	0.0	0.0	1.6	13.5	29.5	33.6	18.0	3.4	0.1	0.0	0.0	0.0	0.3	1.0
20-21	0.0	0.0	0.0	0.1	2.3	15.2	33.3	33.3	13.7	1.6	0.0	0.0	0.0	0.0	0.5	0.2
21-22	0.0	0.0	0.0	0.2	3.0	17.3	35.1	32.0	10.5	0.9	0.0	0.0	0.0	0.0	0.9	0.2
22-23	0.0	0.0	0.0	0.3	3.8	19.8	36.8	30.6	6.9	0.4	0.0	0.0	0.0	0.0	1.3	0.3
23-24	0.0	0.0	0.0	0.3	4.8	22.2	38.3	27.7	5.1	0.1	0.0	0.0	0.0	0.0	1.4	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 28.7% of all available METARs in Spring (MAM) between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.3: Temperature in Spring.

Temperature in Summer (JJA) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.1	3.7	41.7	50.0	4.5	0.0	0.0	0.0	0.0	0.0	47.9
01-02	0.0	0.0	0.0	0.0	0.0	0.2	4.8	44.5	47.1	3.3	0.0	0.0	0.0	0.0	0.0	0.1
02-03	0.0	0.0	0.0	0.0	0.0	0.2	6.0	47.8	43.4	2.6	0.0	0.0	0.0	0.0	0.0	0.1
03-04	0.0	0.0	0.0	0.0	0.0	0.4	7.8	49.6	40.2	2.0	0.0	0.0	0.0	0.0	0.0	0.1
04-05	0.0	0.0	0.0	0.0	0.0	0.2	6.3	48.6	42.8	2.1	0.0	0.0	0.0	0.0	0.0	0.1
05-06	0.0	0.0	0.0	0.0	0.0	0.0	2.3	36.9	53.9	6.8	0.0	0.0	0.0	0.0	0.0	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.9	23.3	55.0	20.1	0.7	0.0	0.0	0.0	0.0	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.4	14.7	48.3	32.3	4.2	0.0	0.0	0.0	0.0	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.4	9.3	40.1	39.8	10.2	0.1	0.0	0.0	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.2	7.1	32.9	40.2	18.1	1.5	0.0	0.0	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.0	26.9	39.0	24.3	3.7	0.0	0.0	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.1	22.9	37.2	28.0	6.6	0.1	0.0	0.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.6	20.1	35.2	30.1	9.6	0.3	0.0	0.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.4	18.8	33.7	31.0	11.3	0.7	0.0	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	19.2	32.0	31.8	11.8	0.8	0.0	0.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	19.6	32.3	30.8	11.5	0.8	0.0	0.0	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.7	22.0	32.4	30.3	9.1	0.4	0.0	0.0	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.9	26.0	34.9	25.8	6.1	0.1	0.0	0.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.2	9.7	32.8	38.2	17.4	1.7	0.0	0.0	0.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.4	13.7	43.2	36.1	6.5	0.1	0.0	0.0	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.7	18.7	51.4	27.2	1.9	0.0	0.0	0.0	0.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	1.0	23.2	55.5	19.5	0.8	0.0	0.0	0.0	0.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.1	1.7	30.1	55.8	11.9	0.4	0.0	0.0	0.0	0.0	0.2
23-24	0.0	0.0	0.0	0.0	0.0	0.1	2.6	34.9	54.7	7.4	0.3	0.0	0.0	0.0	0.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 5.1% of all available METARs in Summer (JJA) between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.4: Temperature in Summer.

Temperature in Autumn (SON) during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.4	5.0	18.5	36.9	30.3	7.6	0.1	0.0	0.0	0.0	0.0	1.2	47.9
01-02	0.0	0.0	0.0	0.5	5.3	18.7	37.4	29.9	7.0	0.1	0.0	0.0	0.0	0.0	1.1	0.3
02-03	0.0	0.0	0.0	0.6	5.4	19.2	37.9	29.7	6.2	0.0	0.0	0.0	0.0	0.0	1.0	0.2
03-04	0.0	0.0	0.0	0.6	5.3	19.7	38.6	29.1	5.7	0.0	0.0	0.0	0.0	0.0	1.0	0.1
04-05	0.0	0.0	0.0	0.7	5.1	19.9	38.7	29.1	5.4	0.0	0.0	0.0	0.0	0.0	1.2	0.1
05-06	0.0	0.0	0.0	0.7	5.0	19.5	38.2	30.1	5.3	0.0	0.0	0.0	0.0	0.0	1.2	0.2
06-07	0.0	0.0	0.0	0.7	4.9	18.1	34.7	31.7	8.9	0.1	0.0	0.0	0.0	0.0	1.0	0.2
07-08	0.0	0.0	0.0	0.4	4.1	16.4	30.8	33.2	13.0	1.0	0.0	0.0	0.0	0.0	1.1	0.2
08-09	0.0	0.0	0.0	0.2	2.9	14.1	28.6	32.7	17.1	3.6	0.0	0.0	0.0	0.0	0.8	0.1
09-10	0.0	0.0	0.0	0.1	2.2	12.1	25.2	32.2	21.3	6.1	0.2	0.0	0.0	0.0	0.7	0.1
10-11	0.0	0.0	0.0	0.0	1.2	10.8	23.2	29.3	24.7	8.9	1.2	0.0	0.0	0.0	0.6	0.1
11-12	0.0	0.0	0.0	0.0	0.7	9.8	21.0	28.1	26.1	11.2	2.6	0.0	0.0	0.0	0.4	0.1
12-13	0.0	0.0	0.0	0.0	0.6	9.0	19.3	27.1	26.5	13.6	3.7	0.0	0.0	0.0	0.2	0.2
13-14	0.0	0.0	0.0	0.0	0.5	8.5	19.0	26.3	26.4	14.8	4.3	0.0	0.0	0.0	0.2	0.3
14-15	0.0	0.0	0.0	0.0	0.6	8.5	19.0	26.5	25.4	15.0	4.7	0.1	0.0	0.0	0.3	0.2
15-16	0.0	0.0	0.0	0.0	0.9	9.2	20.7	26.7	24.2	13.6	4.2	0.0	0.0	0.0	0.6	0.2
16-17	0.0	0.0	0.0	0.0	1.7	10.6	23.7	26.8	22.8	10.9	3.0	0.0	0.0	0.0	0.6	0.2
17-18	0.0	0.0	0.0	0.1	2.1	12.2	26.0	30.1	21.1	7.3	0.8	0.0	0.0	0.0	0.5	0.2
18-19	0.0	0.0	0.0	0.1	2.5	13.3	27.7	33.5	17.8	4.3	0.0	0.0	0.0	0.0	0.7	0.2
19-20	0.0	0.0	0.0	0.1	3.0	14.6	30.1	34.4	15.6	1.4	0.0	0.0	0.0	0.0	0.8	1.0
20-21	0.0	0.0	0.0	0.2	3.8	15.6	31.3	34.5	13.0	0.6	0.0	0.0	0.0	0.0	0.9	0.3
21-22	0.0	0.0	0.0	0.2	4.2	16.1	33.5	32.7	11.6	0.4	0.0	0.0	0.0	0.0	1.3	0.2
22-23	0.0	0.0	0.0	0.3	4.6	16.9	35.6	31.7	9.5	0.2	0.0	0.0	0.0	0.0	1.2	0.3
23-24	0.0	0.0	0.0	0.3	5.0	18.0	36.4	30.8	8.2	0.2	0.0	0.0	0.0	0.0	1.0	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 28.1% of all available METARs in Autumn (SON) between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.5: Temperature in Autumn.

4.1.3 Temperature per Month

Temperature in January during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	1.0	8.7	35.2	35.0	13.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	4.6	47.6
01-02	0.0	0.0	0.9	9.2	35.1	34.8	13.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.6
02-03	0.0	0.0	1.0	9.7	35.5	33.9	13.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.4
03-04	0.0	0.0	0.7	10.3	36.2	33.8	13.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.5
04-05	0.0	0.0	0.8	10.3	35.9	34.5	12.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.5
05-06	0.0	0.0	0.7	11.2	34.9	33.7	12.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.5
06-07	0.0	0.0	0.5	10.6	35.8	33.7	12.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.5
07-08	0.0	0.0	0.5	10.2	34.8	34.6	13.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.6
08-09	0.0	0.0	0.4	7.9	33.7	36.8	15.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.4
09-10	0.0	0.0	0.1	6.4	30.4	38.0	18.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.4
10-11	0.0	0.0	0.0	4.7	27.6	37.5	22.7	4.0	0.1	0.0	0.0	0.0	0.0	0.0	3.5	0.5
11-12	0.0	0.0	0.0	3.3	24.6	36.8	26.9	5.4	0.1	0.0	0.0	0.0	0.0	0.0	2.9	0.5
12-13	0.0	0.0	0.0	2.1	22.1	37.0	28.1	7.2	0.1	0.0	0.0	0.0	0.0	0.0	3.4	0.4
13-14	0.0	0.0	0.0	1.7	20.7	35.8	29.7	8.0	0.1	0.0	0.0	0.0	0.0	0.0	4.0	0.5
14-15	0.0	0.0	0.0	1.4	21.0	35.3	30.3	8.2	0.1	0.0	0.0	0.0	0.0	0.0	3.7	0.4
15-16	0.0	0.0	0.0	1.9	22.7	37.5	27.9	6.0	0.1	0.0	0.0	0.0	0.0	0.0	4.0	0.5
16-17	0.0	0.0	0.0	2.9	25.0	40.9	23.5	3.8	0.1	0.0	0.0	0.0	0.0	0.0	3.8	0.5
17-18	0.0	0.0	0.0	4.6	26.5	41.0	20.5	3.8	0.1	0.0	0.0	0.0	0.0	0.0	3.7	0.4
18-19	0.0	0.0	0.0	4.9	28.8	39.7	18.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.6
19-20	0.0	0.0	0.1	5.4	31.7	38.3	16.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.6	1.0
20-21	0.0	0.0	0.5	6.5	32.9	36.5	15.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.5
21-22	0.0	0.0	0.6	7.3	34.8	35.2	14.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.5
22-23	0.0	0.0	0.7	7.6	34.3	36.2	14.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.5
23-24	0.0	0.0	0.9	8.5	34.6	35.1	14.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 5.4% of all available METARs in January between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.6: Temperature in January.

Temperature in February during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.3	1.1	7.7	34.2	35.1	13.5	2.5	0.1	0.0	0.0	0.0	0.0	0.0	5.4	48.1
01-02	0.0	0.3	1.2	7.7	35.3	34.9	14.1	1.9	0.1	0.0	0.0	0.0	0.0	0.0	4.6	0.7
02-03	0.0	0.4	1.8	6.9	36.3	33.5	14.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.7
03-04	0.0	0.5	2.0	7.3	36.7	32.3	13.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.7
04-05	0.0	0.4	2.0	7.9	37.1	32.8	13.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.8
05-06	0.0	0.3	1.9	7.7	38.1	32.9	13.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.7
06-07	0.0	0.1	2.2	7.3	37.1	34.1	13.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.7
07-08	0.0	0.0	1.7	6.1	32.7	38.5	15.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.7
08-09	0.0	0.0	1.1	5.2	25.2	41.2	21.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.1	1.0
09-10	0.0	0.0	0.9	4.2	21.2	40.0	27.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.7
10-11	0.0	0.0	0.5	3.1	17.1	36.2	30.8	8.9	0.1	0.0	0.0	0.0	0.0	0.0	3.2	0.7
11-12	0.0	0.0	0.1	2.4	14.4	33.4	31.3	14.4	0.8	0.0	0.0	0.0	0.0	0.0	3.2	0.9
12-13	0.0	0.0	0.0	2.0	12.1	31.8	30.9	18.2	1.7	0.0	0.0	0.0	0.0	0.0	3.2	0.9
13-14	0.0	0.0	0.0	1.9	10.6	31.5	31.6	20.5	2.2	0.0	0.0	0.0	0.0	0.0	1.8	0.7
14-15	0.0	0.0	0.0	1.9	10.0	31.0	32.4	19.8	3.4	0.0	0.0	0.0	0.0	0.0	1.7	0.9
15-16	0.0	0.0	0.0	1.9	11.0	31.2	32.6	18.6	2.4	0.0	0.0	0.0	0.0	0.0	2.3	0.7
16-17	0.0	0.0	0.1	2.0	13.5	31.7	33.1	14.7	1.2	0.0	0.0	0.0	0.0	0.0	3.5	0.7
17-18	0.0	0.0	0.3	2.3	16.9	35.2	33.0	8.9	0.3	0.0	0.0	0.0	0.0	0.0	3.1	0.8
18-19	0.0	0.0	0.6	2.9	19.3	39.6	29.2	5.5	0.2	0.0	0.0	0.0	0.0	0.0	2.7	0.7
19-20	0.0	0.0	0.8	3.8	21.0	40.8	24.9	4.4	0.1	0.0	0.0	0.0	0.0	0.0	4.2	1.4
20-21	0.0	0.1	0.7	4.7	23.6	41.1	21.7	4.0	0.1	0.0	0.0	0.0	0.0	0.0	4.1	0.8
21-22	0.0	0.2	0.7	5.4	26.2	40.9	18.3	3.4	0.1	0.0	0.0	0.0	0.0	0.0	4.9	0.6
22-23	0.0	0.3	0.8	5.8	28.3	39.9	16.5	3.2	0.1	0.0	0.0	0.0	0.0	0.0	5.1	0.7
23-24	0.0	0.3	1.1	6.6	30.7	38.4	15.2	2.8	0.1	0.0	0.0	0.0	0.0	0.0	4.8	1.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 14.4% of all available METARs in February between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.7: Temperature in February.

Temperature in March during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.5	1.0	16.8	42.0	31.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2	47.5
01-02	0.0	0.0	0.4	1.3	18.4	42.8	28.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.1
02-03	0.0	0.0	0.2	1.6	21.2	40.9	27.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.1
03-04	0.0	0.0	0.3	2.1	22.9	41.3	24.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0
04-05	0.0	0.1	0.3	2.2	23.8	39.3	24.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.2
05-06	0.0	0.1	0.3	2.3	24.3	38.9	23.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.1
06-07	0.0	0.1	0.3	1.9	19.8	40.1	28.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0
07-08	0.0	0.0	0.1	1.0	10.2	38.7	37.0	9.5	0.2	0.0	0.0	0.0	0.0	0.0	3.3	0.2
08-09	0.0	0.0	0.1	0.6	6.1	32.0	42.4	16.4	0.7	0.0	0.0	0.0	0.0	0.0	1.9	0.4
09-10	0.0	0.0	0.0	0.3	4.2	25.8	40.6	25.3	2.8	0.0	0.0	0.0	0.0	0.0	1.0	0.1
10-11	0.0	0.0	0.0	0.2	3.4	21.0	37.5	29.7	7.4	0.1	0.0	0.0	0.0	0.0	0.7	0.1
11-12	0.0	0.0	0.0	0.1	2.5	16.5	34.7	32.5	12.7	0.4	0.0	0.0	0.0	0.0	0.8	0.1
12-13	0.0	0.0	0.0	0.0	1.9	13.6	34.3	31.6	16.4	1.9	0.0	0.0	0.0	0.0	0.4	0.3
13-14	0.0	0.0	0.0	0.0	1.4	12.5	32.9	31.4	18.7	2.7	0.0	0.0	0.0	0.0	0.5	0.2
14-15	0.0	0.0	0.0	0.0	1.4	12.4	32.2	30.5	19.4	3.5	0.0	0.0	0.0	0.0	0.5	0.2
15-16	0.0	0.0	0.0	0.0	1.4	13.2	32.7	29.9	19.0	3.0	0.0	0.0	0.0	0.0	0.8	0.0
16-17	0.0	0.0	0.0	0.0	2.0	15.6	34.3	28.8	16.7	1.7	0.0	0.0	0.0	0.0	0.9	0.1
17-18	0.0	0.0	0.0	0.0	3.3	20.6	35.4	29.3	10.3	0.1	0.0	0.0	0.0	0.0	1.0	0.1
18-19	0.0	0.0	0.0	0.0	4.3	24.9	38.8	27.4	4.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
19-20	0.0	0.0	0.0	0.1	4.8	29.6	42.7	20.9	1.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0
20-21	0.0	0.0	0.0	0.2	6.7	31.4	45.5	14.0	0.7	0.0	0.0	0.0	0.0	0.0	1.5	0.2
21-22	0.0	0.0	0.0	0.5	8.8	34.5	42.9	10.5	0.4	0.0	0.0	0.0	0.0	0.0	2.4	0.4
22-23	0.0	0.0	0.0	0.8	10.7	37.9	39.1	8.1	0.4	0.0	0.0	0.0	0.0	0.0	3.1	0.5
23-24	0.0	0.0	0.1	0.9	12.9	42.1	34.9	6.0	0.2	0.0	0.0	0.0	0.0	0.0	3.0	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 32.5% of all available METARs in March between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.8: Temperature in March.

Temperature in April during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	3.4	26.0	51.5	18.1	0.4	0.0	0.1	0.0	0.0	0.0	0.6	48.5
01-02	0.0	0.0	0.0	0.0	3.8	27.6	51.7	14.9	0.2	0.1	0.1	0.0	0.0	0.0	1.7	0.4
02-03	0.0	0.0	0.0	0.0	5.1	30.4	50.2	12.4	0.2	0.1	0.0	0.0	0.0	0.0	1.6	0.4
03-04	0.0	0.0	0.0	0.0	5.8	33.5	47.8	11.0	0.1	0.1	0.0	0.0	0.0	0.0	1.7	0.4
04-05	0.0	0.0	0.0	0.0	6.5	35.1	45.2	10.7	0.2	0.1	0.0	0.0	0.0	0.0	2.2	0.2
05-06	0.0	0.0	0.0	0.0	4.5	30.4	48.3	14.3	0.2	0.1	0.0	0.0	0.0	0.0	2.3	0.4
06-07	0.0	0.0	0.0	0.0	0.9	22.3	48.5	25.8	1.7	0.1	0.0	0.0	0.0	0.0	0.6	0.4
07-08	0.0	0.0	0.0	0.0	0.1	15.3	41.3	36.5	6.6	0.1	0.0	0.0	0.0	0.0	0.1	0.4
08-09	0.0	0.0	0.0	0.0	0.1	10.1	33.7	39.4	15.4	1.2	0.0	0.0	0.0	0.0	0.1	0.4
09-10	0.0	0.0	0.0	0.0	0.0	6.9	28.2	36.1	25.4	3.4	0.0	0.0	0.0	0.0	0.1	0.2
10-11	0.0	0.0	0.0	0.0	0.1	5.2	24.5	32.3	28.7	9.0	0.1	0.0	0.0	0.0	0.1	0.3
11-12	0.0	0.0	0.0	0.0	0.0	4.2	21.3	30.3	30.0	13.7	0.5	0.0	0.0	0.0	0.0	0.3
12-13	0.0	0.0	0.0	0.0	0.0	3.3	19.4	28.9	29.2	17.8	1.4	0.0	0.0	0.0	0.0	0.4
13-14	0.0	0.0	0.0	0.0	0.0	2.7	17.7	28.7	28.4	20.1	2.4	0.0	0.0	0.0	0.0	0.4
14-15	0.0	0.0	0.0	0.0	0.0	2.8	18.7	27.1	28.0	20.6	2.8	0.0	0.0	0.0	0.0	0.4
15-16	0.0	0.0	0.0	0.0	0.0	3.0	20.2	26.3	27.5	20.3	2.6	0.0	0.0	0.0	0.0	0.4
16-17	0.0	0.0	0.0	0.0	0.0	3.7	21.0	28.3	27.2	18.3	1.4	0.0	0.0	0.0	0.0	0.2
17-18	0.0	0.0	0.0	0.0	0.0	4.4	24.7	30.6	27.2	12.6	0.5	0.0	0.0	0.0	0.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	7.3	28.4	36.0	24.5	3.6	0.1	0.0	0.0	0.0	0.1	0.2
19-20	0.0	0.0	0.0	0.0	0.1	10.4	32.9	40.1	15.4	0.8	0.1	0.0	0.0	0.0	0.1	1.2
20-21	0.0	0.0	0.0	0.0	0.2	13.3	38.0	39.2	8.7	0.4	0.0	0.0	0.0	0.0	0.1	0.3
21-22	0.0	0.0	0.0	0.0	0.2	16.5	43.4	34.3	5.0	0.2	0.0	0.0	0.0	0.0	0.3	0.2
22-23	0.0	0.0	0.0	0.0	0.7	20.1	46.3	30.1	1.9	0.1	0.0	0.0	0.0	0.0	0.8	0.5
23-24	0.0	0.0	0.0	0.0	1.3	22.6	49.0	24.9	0.8	0.1	0.0	0.0	0.0	0.0	1.2	0.7

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 30.3% of all available METARs in April between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.9: Temperature in April.

Temperature in May during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	3.8	37.5	48.7	9.7	0.2	0.0	0.0	0.0	0.0	0.1	48.1
01-02	0.0	0.0	0.0	0.0	0.0	4.8	39.7	47.5	7.8	0.2	0.0	0.0	0.0	0.0	0.1	0.1
02-03	0.0	0.0	0.0	0.0	0.0	5.7	43.4	44.1	6.6	0.1	0.0	0.0	0.0	0.0	0.1	0.1
03-04	0.0	0.0	0.0	0.0	0.2	6.8	46.3	41.4	5.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1
04-05	0.0	0.0	0.0	0.0	0.2	6.0	45.1	43.0	5.6	0.1	0.0	0.0	0.0	0.0	0.0	0.1
05-06	0.0	0.0	0.0	0.0	0.1	2.6	32.9	51.9	12.2	0.3	0.0	0.0	0.0	0.0	0.1	0.1
06-07	0.0	0.0	0.0	0.0	0.0	0.8	20.6	52.6	23.7	2.3	0.0	0.0	0.0	0.0	0.0	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.4	14.8	44.7	33.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.1	9.9	37.7	39.3	12.2	0.7	0.0	0.0	0.0	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	7.1	31.7	40.0	19.3	2.0	0.0	0.0	0.0	0.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	5.2	26.9	37.4	25.5	4.9	0.0	0.0	0.0	0.0	0.2
11-12	0.0	0.0	0.0	0.0	0.0	0.0	4.2	23.6	36.4	28.2	7.6	0.1	0.0	0.0	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	4.2	22.0	33.3	30.1	9.9	0.5	0.0	0.0	0.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	4.1	21.1	31.1	30.2	12.9	0.5	0.0	0.0	0.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	0.1	4.0	21.7	29.3	30.5	13.6	0.8	0.0	0.0	0.1	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.2	4.0	22.3	30.9	28.7	13.0	0.8	0.0	0.0	0.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.2	4.8	23.7	32.4	27.5	10.9	0.5	0.0	0.0	0.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.2	6.2	26.5	34.1	25.5	7.3	0.2	0.0	0.0	0.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.2	8.5	32.5	35.9	20.9	2.0	0.0	0.0	0.0	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.4	12.9	39.9	37.4	9.3	0.1	0.0	0.0	0.0	0.0	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.7	16.5	46.8	31.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0
21-22	0.0	0.0	0.0	0.0	0.0	1.0	19.3	51.3	26.0	2.4	0.0	0.0	0.0	0.0	0.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	1.5	25.4	53.5	18.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
23-24	0.0	0.0	0.0	0.0	0.1	2.1	31.4	52.0	14.1	0.3	0.0	0.0	0.0	0.0	0.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 23.6% of all available METARs in May between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.10: Temperature in May.

Temperature in June during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.2	7.9	51.1	37.9	2.8	0.0	0.0	0.0	0.0	0.0	47.7
01-02	0.0	0.0	0.0	0.0	0.0	0.7	10.0	52.6	35.0	1.7	0.0	0.0	0.0	0.0	0.0	0.1
02-03	0.0	0.0	0.0	0.0	0.0	0.7	11.6	55.5	31.1	1.1	0.0	0.0	0.0	0.0	0.0	0.1
03-04	0.0	0.0	0.0	0.0	0.0	1.2	14.8	54.3	29.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
04-05	0.0	0.0	0.0	0.0	0.0	0.6	10.4	53.4	34.3	1.2	0.0	0.0	0.0	0.0	0.1	0.1
05-06	0.0	0.0	0.0	0.0	0.0	0.1	4.0	43.0	45.8	7.0	0.1	0.0	0.0	0.0	0.0	0.1
06-07	0.0	0.0	0.0	0.0	0.0	0.0	2.0	32.0	46.4	18.7	0.9	0.0	0.0	0.0	0.1	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	1.0	24.0	42.7	28.5	3.7	0.0	0.0	0.0	0.0	0.0
08-09	0.0	0.0	0.0	0.0	0.0	0.0	1.2	16.4	38.3	36.2	7.8	0.1	0.0	0.0	0.1	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.7	13.0	34.0	35.8	15.8	0.7	0.0	0.0	0.1	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.2	11.6	29.5	35.4	21.1	2.2	0.0	0.0	0.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.2	9.4	26.7	34.5	24.5	4.6	0.1	0.0	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.3	8.2	23.8	34.3	26.3	6.9	0.2	0.0	0.0	0.2
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.3	7.2	23.2	32.4	28.1	8.5	0.2	0.0	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.1	6.8	23.7	31.0	28.9	9.2	0.2	0.0	0.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	8.1	23.5	31.3	27.4	9.2	0.4	0.0	0.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.2	8.8	26.0	31.1	26.6	7.3	0.0	0.0	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.4	10.6	29.0	32.8	22.4	4.8	0.0	0.0	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.5	14.8	33.3	34.5	15.8	1.2	0.0	0.0	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	1.1	20.8	41.3	31.5	5.3	0.0	0.0	0.0	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	1.7	27.2	47.7	21.5	1.9	0.0	0.0	0.0	0.0	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.1	2.7	32.4	49.5	14.8	0.6	0.0	0.0	0.0	0.0	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.3	3.6	40.4	46.4	8.9	0.3	0.0	0.0	0.0	0.0	0.1
23-24	0.0	0.0	0.0	0.0	0.0	0.2	5.2	45.7	43.5	5.1	0.2	0.0	0.0	0.0	0.0	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 9.4% of all available METARs in June between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.11: Temperature in June.

Temperature in July during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.0	1.3	35.4	58.4	4.9	0.1	0.0	0.0	0.0	0.0	47.8
01-02	0.0	0.0	0.0	0.0	0.0	0.0	2.0	39.2	54.8	3.9	0.1	0.0	0.0	0.0	0.0	0.2
02-03	0.0	0.0	0.0	0.0	0.0	0.0	2.9	43.2	50.6	3.3	0.1	0.0	0.0	0.0	0.0	0.1
03-04	0.0	0.0	0.0	0.0	0.0	0.0	3.9	46.7	47.0	2.4	0.1	0.0	0.0	0.0	0.0	0.1
04-05	0.0	0.0	0.0	0.0	0.0	0.0	3.4	43.6	50.6	2.4	0.0	0.0	0.0	0.0	0.0	0.2
05-06	0.0	0.0	0.0	0.0	0.0	0.0	0.5	27.1	63.5	8.8	0.1	0.0	0.0	0.0	0.0	0.2
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.1	15.2	57.7	26.0	1.0	0.0	0.0	0.0	0.0	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	46.9	38.9	5.6	0.0	0.0	0.0	0.0	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	36.9	43.0	14.0	0.3	0.0	0.0	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	29.4	42.5	21.9	2.0	0.0	0.0	0.0	0.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	23.7	39.3	28.9	4.8	0.0	0.0	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	19.8	36.6	32.6	8.3	0.0	0.0	0.0	0.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	17.3	33.6	34.2	11.8	0.2	0.0	0.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	16.6	33.4	33.8	13.4	0.8	0.0	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	16.6	31.0	34.7	14.0	1.1	0.0	0.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	16.3	31.6	34.1	13.7	1.0	0.0	0.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	17.1	32.9	34.1	11.0	0.7	0.0	0.0	0.2
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	20.3	36.0	30.9	7.7	0.1	0.0	0.0	0.2
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	27.6	40.7	23.1	2.4	0.0	0.0	0.1	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	39.5	42.2	9.0	0.2	0.0	0.0	0.0	0.8
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	50.4	34.5	1.9	0.1	0.0	0.0	0.0	0.1
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	57.3	25.3	0.8	0.0	0.0	0.0	0.0	0.2
22-23	0.0	0.0	0.0	0.0	0.0	0.0	0.2	22.6	61.5	15.3	0.2	0.0	0.0	0.0	0.0	0.3
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.8	26.8	63.0	9.2	0.2	0.0	0.0	0.0	0.0	0.5

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 2.7% of all available METARs in July between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.12: Temperature in July.

Temperature in August during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	0.0	2.0	39.0	53.3	5.6	0.0	0.0	0.0	0.0	0.1	48.1
01-02	0.0	0.0	0.0	0.0	0.0	0.0	2.7	42.0	51.1	4.2	0.0	0.0	0.0	0.0	0.0	0.2
02-03	0.0	0.0	0.0	0.0	0.0	0.0	3.7	44.9	48.1	3.3	0.0	0.0	0.0	0.0	0.0	0.1
03-04	0.0	0.0	0.0	0.0	0.0	0.0	5.1	48.1	44.0	2.8	0.0	0.0	0.0	0.0	0.0	0.2
04-05	0.0	0.0	0.0	0.0	0.0	0.0	5.3	49.0	43.2	2.6	0.0	0.0	0.0	0.0	0.0	0.1
05-06	0.0	0.0	0.0	0.0	0.0	0.0	2.6	40.7	52.0	4.7	0.0	0.0	0.0	0.0	0.0	0.1
06-07	0.0	0.0	0.0	0.0	0.0	0.0	0.6	23.1	60.5	15.4	0.4	0.0	0.0	0.0	0.0	0.1
07-08	0.0	0.0	0.0	0.0	0.0	0.0	0.2	11.9	55.2	29.3	3.3	0.0	0.0	0.0	0.0	0.1
08-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	45.1	40.1	8.7	0.1	0.0	0.0	0.0	0.0
09-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	35.3	42.2	16.5	1.8	0.0	0.0	0.0	0.2
10-11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.2	27.7	42.1	22.9	4.0	0.0	0.0	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.2	22.3	40.5	26.9	6.9	0.2	0.0	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	19.4	37.5	29.6	10.0	0.5	0.0	0.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	16.8	35.2	31.0	11.9	1.0	0.0	0.0	0.0
14-15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	17.4	34.0	31.7	12.2	1.1	0.0	0.1	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	19.2	33.9	30.7	11.6	1.0	0.0	0.1	0.0
16-17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	23.0	33.1	30.1	9.1	0.5	0.0	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	28.9	35.6	24.1	5.9	0.1	0.0	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.0	0.2	8.2	37.5	39.2	13.3	1.6	0.0	0.0	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.2	11.4	48.8	34.4	5.2	0.0	0.0	0.0	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.0	0.3	16.3	55.9	25.5	2.0	0.0	0.0	0.0	0.0	0.3
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.4	20.7	59.5	18.4	1.1	0.0	0.0	0.0	0.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.0	1.3	27.6	59.1	11.4	0.5	0.0	0.0	0.0	0.0	0.3
23-24	0.0	0.0	0.0	0.0	0.0	0.0	1.9	32.6	57.3	7.8	0.4	0.0	0.0	0.0	0.0	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 3.2% of all available METARs in August between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.13: Temperature in August.

Temperature in September during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	0.0	2.4	26.5	51.4	19.4	0.2	0.0	0.0	0.0	0.0	0.0	47.9
01-02	0.0	0.0	0.0	0.0	0.0	2.9	28.5	50.7	17.6	0.2	0.0	0.0	0.0	0.0	0.0	0.3
02-03	0.0	0.0	0.0	0.0	0.0	3.8	31.0	49.3	15.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0
03-04	0.0	0.0	0.0	0.0	0.0	4.3	32.7	48.1	14.8	0.1	0.0	0.0	0.0	0.0	0.0	0.1
04-05	0.0	0.0	0.0	0.0	0.0	4.5	33.1	48.4	14.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
05-06	0.0	0.0	0.0	0.0	0.0	3.4	31.3	51.1	14.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
06-07	0.0	0.0	0.0	0.0	0.0	0.7	22.1	52.6	24.2	0.4	0.0	0.0	0.0	0.0	0.0	0.2
07-08	0.0	0.0	0.0	0.0	0.0	0.2	12.0	50.6	34.1	3.1	0.0	0.0	0.0	0.0	0.0	0.2
08-09	0.0	0.0	0.0	0.0	0.0	0.1	6.2	42.7	40.4	10.5	0.0	0.0	0.0	0.0	0.0	0.1
09-10	0.0	0.0	0.0	0.0	0.0	0.1	2.8	34.1	44.8	17.7	0.6	0.0	0.0	0.0	0.0	0.0
10-11	0.0	0.0	0.0	0.0	0.0	0.0	1.9	24.2	46.5	23.8	3.6	0.0	0.0	0.0	0.0	0.1
11-12	0.0	0.0	0.0	0.0	0.0	0.0	1.2	18.7	44.8	27.5	7.7	0.0	0.0	0.0	0.0	0.1
12-13	0.0	0.0	0.0	0.0	0.0	0.0	1.1	15.9	40.8	31.3	10.9	0.1	0.0	0.0	0.0	0.1
13-14	0.0	0.0	0.0	0.0	0.0	0.0	1.0	15.4	38.2	32.6	12.7	0.1	0.0	0.0	0.0	0.1
14-15	0.0	0.0	0.0	0.0	0.0	0.1	1.1	15.6	36.1	33.1	13.8	0.2	0.0	0.0	0.0	0.1
15-16	0.0	0.0	0.0	0.0	0.0	0.1	1.1	17.0	36.7	32.4	12.6	0.1	0.0	0.0	0.0	0.1
16-17	0.0	0.0	0.0	0.0	0.0	0.1	1.5	20.5	39.4	29.5	9.0	0.0	0.0	0.0	0.0	0.1
17-18	0.0	0.0	0.0	0.0	0.0	0.1	2.8	28.2	44.9	21.6	2.3	0.0	0.0	0.0	0.0	0.1
18-19	0.0	0.0	0.0	0.0	0.0	0.1	4.8	40.2	41.9	13.0	0.0	0.0	0.0	0.0	0.0	0.1
19-20	0.0	0.0	0.0	0.0	0.0	0.1	8.1	48.6	38.9	4.2	0.0	0.0	0.0	0.0	0.0	0.7
20-21	0.0	0.0	0.0	0.0	0.0	0.3	10.9	53.3	33.7	1.8	0.0	0.0	0.0	0.0	0.0	0.2
21-22	0.0	0.0	0.0	0.0	0.0	0.4	15.8	52.0	30.5	1.3	0.0	0.0	0.0	0.0	0.0	0.1
22-23	0.0	0.0	0.0	0.0	0.0	0.7	20.4	53.0	25.3	0.5	0.0	0.0	0.0	0.0	0.0	0.2
23-24	0.0	0.0	0.0	0.0	0.0	1.2	23.5	52.5	22.3	0.5	0.0	0.0	0.0	0.0	0.0	0.2

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 18.7% of all available METARs in September between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.14: Temperature in September.

Temperature in October during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.0	0.0	2.1	12.7	48.2	32.9	3.5	0.0	0.0	0.0	0.0	0.0	0.7	48.3
01-02	0.0	0.0	0.0	0.1	2.4	13.5	47.5	32.5	3.4	0.0	0.0	0.0	0.0	0.0	0.7	0.2
02-03	0.0	0.0	0.0	0.1	2.3	13.5	47.1	33.3	2.8	0.0	0.0	0.0	0.0	0.0	0.8	0.2
03-04	0.0	0.0	0.0	0.2	2.3	13.8	47.2	33.5	2.3	0.0	0.0	0.0	0.0	0.0	0.8	0.2
04-05	0.0	0.0	0.0	0.2	2.2	13.5	47.3	33.6	2.3	0.0	0.0	0.0	0.0	0.0	0.9	0.2
05-06	0.0	0.0	0.0	0.1	2.5	12.9	48.3	33.7	2.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3
06-07	0.0	0.0	0.0	0.1	2.2	11.0	47.5	36.4	2.6	0.0	0.0	0.0	0.0	0.0	0.2	0.2
07-08	0.0	0.0	0.0	0.0	1.3	8.1	43.4	41.8	5.1	0.0	0.0	0.0	0.0	0.0	0.4	0.2
08-09	0.0	0.0	0.0	0.0	0.8	5.1	37.6	45.0	10.6	0.4	0.0	0.0	0.0	0.0	0.4	0.1
09-10	0.0	0.0	0.0	0.0	0.5	3.6	29.7	47.4	17.8	0.7	0.0	0.0	0.0	0.0	0.2	0.1
10-11	0.0	0.0	0.0	0.0	0.2	3.1	23.9	45.1	24.8	2.8	0.0	0.0	0.0	0.0	0.1	0.1
11-12	0.0	0.0	0.0	0.0	0.0	2.1	19.3	42.3	30.0	6.1	0.1	0.0	0.0	0.0	0.0	0.2
12-13	0.0	0.0	0.0	0.0	0.0	1.7	15.7	39.5	33.6	9.2	0.2	0.0	0.0	0.0	0.0	0.3
13-14	0.0	0.0	0.0	0.0	0.0	1.5	15.4	36.1	35.1	11.5	0.4	0.0	0.0	0.0	0.0	0.2
14-15	0.0	0.0	0.0	0.0	0.0	1.5	15.0	36.7	34.8	11.6	0.4	0.0	0.0	0.0	0.0	0.2
15-16	0.0	0.0	0.0	0.0	0.0	1.9	17.1	40.0	32.3	8.5	0.2	0.0	0.0	0.0	0.0	0.2
16-17	0.0	0.0	0.0	0.0	0.1	2.5	22.5	44.0	27.6	3.2	0.0	0.0	0.0	0.0	0.1	0.2
17-18	0.0	0.0	0.0	0.0	0.4	3.9	28.9	48.6	17.8	0.4	0.0	0.0	0.0	0.0	0.1	0.1
18-19	0.0	0.0	0.0	0.0	0.5	5.7	33.2	49.1	11.3	0.1	0.0	0.0	0.0	0.0	0.1	0.2
19-20	0.0	0.0	0.0	0.0	0.7	7.5	39.8	44.5	7.5	0.0	0.0	0.0	0.0	0.0	0.1	0.7
20-21	0.0	0.0	0.0	0.0	1.0	9.1	41.6	42.7	5.2	0.0	0.0	0.0	0.0	0.0	0.4	0.4
21-22	0.0	0.0	0.0	0.0	1.4	9.9	44.5	39.5	4.3	0.0	0.0	0.0	0.0	0.0	0.5	0.2
22-23	0.0	0.0	0.0	0.0	1.9	11.4	47.3	35.5	3.3	0.0	0.0	0.0	0.0	0.0	0.5	0.3
23-24	0.0	0.0	0.0	0.0	2.3	13.0	47.9	33.9	2.6	0.0	0.0	0.0	0.0	0.0	0.3	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 42.3% of all available METARs in October between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.15: Temperature in October.

Temperature in November during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.1	1.1	12.8	40.5	35.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	3.1	47.5
01-02	0.0	0.0	0.0	1.5	13.7	39.8	35.7	6.6	0.1	0.0	0.0	0.0	0.0	0.0	2.7	0.2
02-03	0.0	0.0	0.0	1.5	14.1	40.7	35.2	6.2	0.1	0.0	0.0	0.0	0.0	0.0	2.2	0.3
03-04	0.0	0.0	0.0	1.7	13.5	41.3	35.6	5.6	0.1	0.0	0.0	0.0	0.0	0.0	2.2	0.2
04-05	0.0	0.0	0.0	1.7	13.0	41.9	35.5	5.1	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.1
05-06	0.0	0.0	0.0	2.0	12.6	42.5	34.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.2
06-07	0.0	0.0	0.0	1.9	12.5	43.0	34.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.3
07-08	0.0	0.0	0.0	1.2	11.2	41.0	36.7	6.9	0.1	0.0	0.0	0.0	0.0	0.0	2.9	0.1
08-09	0.0	0.0	0.0	0.6	8.0	37.3	41.6	9.9	0.5	0.0	0.0	0.0	0.0	0.0	2.0	0.1
09-10	0.0	0.0	0.0	0.2	6.0	33.0	43.1	14.7	1.2	0.0	0.0	0.0	0.0	0.0	1.8	0.2
10-11	0.0	0.0	0.0	0.1	3.5	29.7	43.9	18.1	2.7	0.1	0.0	0.0	0.0	0.0	1.9	0.2
11-12	0.0	0.0	0.0	0.0	2.2	27.5	42.5	22.9	3.4	0.1	0.0	0.0	0.0	0.0	1.3	0.2
12-13	0.0	0.0	0.0	0.0	1.7	25.4	41.4	25.6	5.0	0.2	0.0	0.0	0.0	0.0	0.7	0.3
13-14	0.0	0.0	0.0	0.0	1.6	24.4	40.7	27.0	5.5	0.2	0.0	0.0	0.0	0.0	0.6	0.7
14-15	0.0	0.0	0.0	0.0	1.9	24.1	41.0	26.9	4.9	0.4	0.0	0.0	0.0	0.0	0.8	0.4
15-16	0.0	0.0	0.0	0.0	2.6	25.8	44.2	22.5	3.2	0.1	0.0	0.0	0.0	0.0	1.7	0.4
16-17	0.0	0.0	0.0	0.1	5.1	29.4	47.3	15.4	1.1	0.0	0.0	0.0	0.0	0.0	1.6	0.3
17-18	0.0	0.0	0.0	0.2	6.0	32.9	46.2	12.7	0.6	0.0	0.0	0.0	0.0	0.0	1.5	0.5
18-19	0.0	0.0	0.0	0.4	7.1	34.5	44.9	10.7	0.6	0.0	0.0	0.0	0.0	0.0	1.9	0.4
19-20	0.0	0.0	0.0	0.4	8.6	36.7	42.1	9.5	0.4	0.0	0.0	0.0	0.0	0.0	2.3	1.5
20-21	0.0	0.0	0.0	0.6	10.5	37.7	41.1	7.3	0.4	0.0	0.0	0.0	0.0	0.0	2.4	0.4
21-22	0.0	0.0	0.0	0.5	11.3	38.3	39.9	6.4	0.4	0.0	0.0	0.0	0.0	0.0	3.3	0.3
22-23	0.0	0.0	0.0	0.8	11.9	38.8	38.8	6.4	0.1	0.0	0.0	0.0	0.0	0.0	3.1	0.2
23-24	0.0	0.0	0.1	1.0	12.8	39.8	37.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.4

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 22.9% of all available METARs in November between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.16: Temperature in November.

Temperature in December during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time [UTC]	Temperature [°C]															
	<-20	-20 - -16	-15 - -11	-10 - -6	-5 - -1	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	≥ 40	NS [%]	NA [%]
00-01	0.0	0.0	0.7	4.1	30.8	38.9	17.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.9	47.6
01-02	0.0	0.0	0.8	4.2	32.0	38.6	16.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.2
02-03	0.0	0.0	0.9	4.4	32.6	38.0	16.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.1
03-04	0.0	0.0	0.8	3.8	34.6	36.9	16.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0
04-05	0.0	0.0	0.8	4.0	34.6	36.5	16.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.1
05-06	0.0	0.1	0.8	4.4	35.0	35.9	17.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.1
06-07	0.0	0.0	1.0	4.1	34.4	35.7	17.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.2
07-08	0.0	0.0	0.8	3.7	34.1	36.7	17.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.4
08-09	0.0	0.0	0.7	2.6	30.5	37.6	20.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.1
09-10	0.0	0.0	0.2	2.2	25.6	39.3	23.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.2
10-11	0.0	0.0	0.2	1.8	20.4	41.0	26.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.1
11-12	0.0	0.0	0.1	1.9	16.4	40.7	28.3	7.5	0.1	0.0	0.0	0.0	0.0	0.0	5.1	0.2
12-13	0.0	0.0	0.1	1.7	14.2	40.3	29.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.1
13-14	0.0	0.0	0.0	1.5	13.7	40.8	30.5	9.5	0.1	0.0	0.0	0.0	0.0	0.0	3.9	0.1
14-15	0.0	0.0	0.1	1.4	14.5	41.6	30.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.1
15-16	0.0	0.0	0.2	1.4	17.7	42.9	28.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.2
16-17	0.0	0.0	0.2	1.5	20.2	45.2	23.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.1
17-18	0.0	0.0	0.4	2.3	21.7	44.5	22.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.2
18-19	0.0	0.0	0.4	2.8	23.4	43.8	21.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.1
19-20	0.0	0.0	0.5	3.1	25.6	42.9	20.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.5
20-21	0.0	0.0	0.8	3.0	28.2	40.8	20.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
21-22	0.0	0.0	0.8	3.8	28.9	40.1	19.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.1
22-23	0.0	0.0	1.0	4.0	29.2	40.6	18.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.1
23-24	0.0	0.0	0.7	4.6	30.0	38.9	18.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.3

Frequency [%] relative to all available METARs. No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020, 7.5% of all available METARs in December between 11-12 UTC showed a surface temperature between 10 - 14°C.

Figure 4.1.17: Temperature in December.

4.2 Absolute Maximum Temperature

The table shows the absolute maximum temperature in ° C in specified time periods of three hours each month. The value of NA indicates missing METARs. The light gray shaded cells indicate the absolute maximum values for the respective period (day or year).

Maximum temperature [°C] during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)	Time Period [UTC] 00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 00	Day	NS [%]	NA [%]
January	13	13	14	15	16	15	13	13	16	0.0	2.5
February	15	13	13	17	19	19	16	15	19	0.0	2.8
March	14	13	18	21	22	23	18	17	23	0.0	2.2
April	25	24	23	29	29	27	25	23	29	0.0	2.4
May	21	22	26	30	32	31	28	23	32	0.0	2.1
June	24	25	30	35	36	35	32	28	36	0.0	2.1
July	26	25	30	34	36	36	33	28	36	0.0	2.2
August	24	24	30	36	38	37	32	27	38	0.0	2.1
September	21	20	24	29	31	31	24	22	31	0.0	2.1
October	18	18	22	25	26	26	20	19	26	0.0	2.2
November	15	15	16	21	22	20	17	16	22	0.0	2.3
December	12	13	13	15	15	13	13	12	15	0.0	2.1
Year	26	25	30	36	38	37	33	28	38	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the maximum temperature reported in April between 09 - 12 UTC was 29°C.

On the 13.08.2003 at 14:50 UTC a maximum temperature of 38°C was reported.

Figure 4.2.1: Absolute maximum temperature.

4.3 Average Maximum Temperature

The table shows the average maximum temperature in ° C in specified time periods of three hours each month. The value of NA indicates missing METARs.

Average maximum temperature [°C] during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)	Time Period [UTC]									
	00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 00	NS [%]	NA [%]
January	8.2	8.0	8.6	10.4	11.3	10.6	9.3	8.8	0.0	2.5
February	7.9	7.7	8.5	12.5	14.0	13.5	10.4	8.8	0.0	2.8
March	11.1	10.6	13.1	17.4	19.5	19.3	15.0	12.3	0.0	2.2
April	13.4	13.1	18.0	22.4	23.7	23.5	19.8	16.0	0.0	2.4
May	17.1	17.5	22.4	26.2	27.7	27.8	24.4	19.8	0.0	2.1
June	19.7	21.1	26.1	30.0	31.5	31.4	28.4	23.1	0.0	2.1
July	21.0	21.2	27.0	30.9	32.7	32.9	29.4	23.4	0.0	2.2
August	21.1	20.4	25.7	30.1	31.9	31.6	27.6	23.4	0.0	2.1
September	17.6	17.1	21.0	25.3	27.0	26.6	21.5	18.8	0.0	2.1
October	15.3	15.2	17.2	21.1	22.3	21.3	17.0	15.9	0.0	2.2
November	11.0	11.0	11.9	14.9	15.8	14.5	12.3	11.6	0.0	2.3
December	9.1	9.5	9.7	11.7	12.0	10.4	9.7	9.2	0.0	2.1
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the average maximum temperature reported in April between 09 - 12 UTC was 22.4°C.

Figure 4.3.1: Average maximum temperature.

4.4 Absolute Minimum Temperature

The table shows the absolute minimum temperature in ° C in specified time periods of three hours each month. The value of NA indicates missing METARs. The light gray shaded cells indicate the absolute minimum values for the respective period (day or year).

Minimum temperature [°C] during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)	Time Period [UTC] 00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 00	Day	NS [%]	NA [%]
January	-14	-15	-13	-11	-9	-10	-12	-14	-15	0.0	2.5
February	-19	-19	-16	-13	-10	-12	-16	-18	-19	0.0	2.8
March	-14	-16	-16	-9	-5	-4	-8	-11	-16	0.0	2.2
April	-4	-4	-3	-3	1	1	-2	-3	-4	0.0	2.4
May	0	-2	2	5	4	3	1	-1	-2	0.0	2.1
June	3	2	5	6	8	6	5	3	2	0.0	2.1
July	7	6	9	10	10	10	10	8	6	0.0	2.2
August	5	5	7	8	10	10	8	6	5	0.0	2.1
September	1	0	1	4	4	4	4	3	0	0.0	2.1
October	-6	-7	-6	-2	0	-2	-5	-5	-7	0.0	2.2
November	-11	-10	-10	-7	-5	-6	-8	-11	-11	0.0	2.3
December	-14	-16	-15	-12	-11	-13	-13	-13	-16	0.0	2.1
Year	-19	-19	-16	-13	-11	-13	-16	-18	-19	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the mininum temperature reported in April between 09 - 12 UTC was -3°C.

On the 04.02.2012 at 01:50 UTC a minimum temperature of -19°C was reported.

Figure 4.4.1: Absolute minimum temperature.

4.5 Average Minimum Temperature

The table shows the average minimum temperature in ° C in specified time periods of three hours each month. The value of NA indicates missing METARs.

Average minimum temperature [°C] during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)	Time Period [UTC]									
	00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 00	NS [%]	NA [%]
January	-8.7	-8.5	-7.9	-6.0	-4.2	-5.6	-7.0	-8.1	0.0	2.5
February	-7.9	-8.5	-7.9	-4.7	-2.2	-3.2	-5.1	-7.0	0.0	2.8
March	-4.6	-5.3	-4.6	-0.3	1.1	0.7	-1.4	-3.4	0.0	2.2
April	-1.4	-2.0	0.4	3.1	4.0	3.6	1.8	-0.1	0.0	2.4
May	3.0	2.4	5.7	7.3	8.3	8.1	6.3	4.6	0.0	2.1
June	6.6	6.2	10.0	11.4	12.1	12.0	10.3	8.4	0.0	2.1
July	9.2	8.9	12.3	13.9	14.3	13.9	12.4	11.0	0.0	2.2
August	8.9	8.4	10.9	13.3	13.7	13.0	11.4	9.7	0.0	2.1
September	4.3	3.9	5.7	9.7	10.6	10.0	7.5	5.9	0.0	2.1
October	0.3	0.3	1.1	4.1	5.7	4.4	2.2	0.7	0.0	2.2
November	-4.1	-4.4	-4.0	-1.1	0.6	-0.9	-2.7	-3.7	0.0	2.3
December	-7.2	-7.6	-7.4	-5.3	-3.9	-5.2	-6.4	-7.3	0.0	2.1
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the average minimum temperature reported in April between 09 - 12 UTC was 3.1°C.

Figure 4.5.1: Average minimum temperature.

5 Pressure

5.1 Average Pressure (QNH)

The table shows the average pressure in hectopascal (hPa) in specified time periods of three hours each month. The value of NA indicates missing METARs. The light gray shaded cells indicate the average pressure values for the respective period (day or year).

Average pressure [hPa] during the 27 years period from 1994 - 2020, measured in ZRH (METAR)

Time (Month)	Time Period [UTC]										
	00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 24	Day	NS [%]	NA [%]
January	1018.5	1018.3	1018.8	1018.9	1017.9	1018.1	1018.6	1018.6	1018.5	0.0	2.5
February	1017.5	1017.3	1017.8	1017.9	1017.0	1017.0	1017.6	1017.7	1017.5	0.0	2.8
March	1016.7	1016.6	1017.1	1017.0	1016.0	1015.9	1016.7	1017.0	1016.6	0.0	2.2
April	1014.5	1014.6	1015.1	1014.8	1013.9	1013.5	1014.3	1014.8	1014.4	0.0	2.4
May	1015.9	1016.0	1016.5	1016.1	1015.3	1015.0	1015.8	1016.3	1015.9	0.0	2.1
June	1017.5	1017.7	1018.0	1017.7	1016.9	1016.4	1017.2	1017.8	1017.4	0.0	2.1
July	1017.4	1017.6	1017.9	1017.5	1016.8	1016.4	1017.1	1017.7	1017.3	0.0	2.2
August	1017.5	1017.6	1018.0	1017.7	1016.9	1016.6	1017.3	1017.8	1017.4	0.0	2.1
September	1018.1	1018.0	1018.6	1018.4	1017.5	1017.3	1018.1	1018.3	1018.0	0.0	2.1
October	1018.0	1017.9	1018.5	1018.5	1017.5	1017.5	1018.1	1018.2	1018.0	0.0	2.2
November	1016.6	1016.4	1016.9	1016.9	1016.1	1016.3	1016.8	1016.8	1016.6	0.0	2.3
December	1018.5	1018.3	1018.8	1018.9	1018.1	1018.4	1018.8	1018.8	1018.6	0.0	2.1
Year	1017.2	1017.2	1017.7	1017.5	1016.7	1016.5	1017.2	1017.5	1017.2	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the average pressure reported in April between 09 - 12 UTC was 1015hPa.

Figure 5.1.1: Average pressure.

5.2 Minimum Pressure (QNH)

The table shows the minimum pressure in hectopascal (hPa) in specified time periods of three hours each month. The value of NA indicates missing METARs. The light gray shaded cells indicate the minimum pressure values for the respective period (day or year).

Minimum pressure [hPa] during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)	Time Period [UTC]										
	00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 24	Day	NS [%]	NA [%]
January	976.0	978.0	983.0	979.0	978.0	979.0	980.0	976.0	976.0	0.0	2.5
February	987.0	987.0	987.0	987.0	988.0	987.0	988.0	988.0	987.0	0.0	2.8
March	984.0	984.0	985.0	985.0	984.0	984.0	986.0	985.0	984.0	0.0	2.2
April	990.0	989.0	989.0	991.0	990.0	989.0	989.0	990.0	989.0	0.0	2.4
May	990.0	990.0	990.0	992.0	992.0	992.0	992.0	991.0	990.0	0.0	2.1
June	999.0	997.0	996.0	996.0	998.0	998.0	998.0	1000.0	996.0	0.0	2.1
July	1001.0	1000.0	1001.0	1002.0	1001.0	1002.0	1001.0	1000.0	1000.0	0.0	2.2
August	1001.0	1001.0	1002.0	1002.0	1004.0	1004.0	1003.0	1002.0	1001.0	0.0	2.1
September	994.0	994.0	996.0	999.0	998.0	997.0	997.0	995.0	994.0	0.0	2.1
October	985.0	989.0	987.0	985.0	983.0	981.0	982.0	982.0	981.0	0.0	2.2
November	979.0	979.0	980.0	980.0	980.0	979.0	980.0	979.0	979.0	0.0	2.3
December	976.0	977.0	980.0	981.0	982.0	982.0	981.0	979.0	976.0	0.0	2.1
Year	976.0	977.0	980.0	979.0	978.0	979.0	980.0	976.0	976.0	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the mininum pressure reported in April between 09 - 12 UTC was 991hPa.

On the 28.12.1999 at 02:50 UTC a minimum pressure of 976hPa was reported.

Figure 5.2.1: Minimum pressure.

5.3 Maximum Pressure (QNH)

The table shows the maximum pressure in hectopascal (hPa) in specified time periods of three hours each month. The value of NA indicates missing METARs. The light gray shaded cells indicate the maximum pressure values for the respective period (day or year).

Maximum pressure [hPa] during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)	Time Period [UTC]										
	00 - 03	03 - 06	06 - 09	09 - 12	12 - 15	15 - 18	18 - 21	21 - 24	Day	NS [%]	NA [%]
January	1041.0	1041.0	1042.0	1043.0	1041.0	1040.0	1040.0	1041.0	1043.0	0.0	2.5
February	1039.0	1039.0	1040.0	1040.0	1039.0	1038.0	1039.0	1039.0	1040.0	0.0	2.8
March	1037.0	1038.0	1038.0	1038.0	1037.0	1037.0	1037.0	1037.0	1038.0	0.0	2.2
April	1033.0	1034.0	1035.0	1035.0	1035.0	1033.0	1033.0	1034.0	1035.0	0.0	2.4
May	1033.0	1033.0	1033.0	1033.0	1032.0	1032.0	1033.0	1033.0	1033.0	0.0	2.1
June	1032.0	1032.0	1032.0	1032.0	1031.0	1031.0	1033.0	1033.0	1033.0	0.0	2.1
July	1029.0	1030.0	1030.0	1029.0	1028.0	1027.0	1028.0	1029.0	1030.0	0.0	2.2
August	1029.0	1030.0	1030.0	1030.0	1029.0	1029.0	1029.0	1030.0	1030.0	0.0	2.1
September	1035.0	1035.0	1036.0	1036.0	1035.0	1034.0	1035.0	1035.0	1036.0	0.0	2.1
October	1035.0	1034.0	1035.0	1036.0	1034.0	1035.0	1035.0	1035.0	1036.0	0.0	2.2
November	1038.0	1038.0	1039.0	1039.0	1037.0	1037.0	1037.0	1038.0	1039.0	0.0	2.3
December	1043.0	1043.0	1044.0	1044.0	1042.0	1043.0	1044.0	1044.0	1044.0	0.0	2.1
Year	1043.0	1043.0	1044.0	1044.0	1042.0	1043.0	1044.0	1044.0	1044.0	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	16.1	0.2	0.2	0.2	0.2	0.2	0.5	0.3	-	-	-

No AUTO METARs.
NA: METAR not available [%]. NS: values not supplied in METAR [%].
Example: During the 27 years period from 1994 - 2020 the maximum pressure reported in April between 09 - 12 UTC was 1035hPa.

On the 27.12.2016 at 18:20 UTC a maximum pressure of 1044hPa was reported.

Figure 5.3.1: Maximum pressure.

6 Weather Phenomena

The analyses in this section are partly based on sporadic events and the observations are affected, as for the whole report, by uncertainties. For some analyses there are more detailed studies, such as for hail (see https://www.nccs.admin.ch/, Hail Climatology).

6.1 Freezing Rain

The table shows the number of cases of freezing rain in specified time periods of three hours each month. The value of NA indicates missing METARs. Freezing rain is reported in present weather phenomena with ”FZRA”. The light gray shaded cells indicate values where phenomena are observed.

Freezing rain during the 27 years period from 1994 - 2020,
measured in ZRH

Time (Month)

Time [UTC]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	1	1	0	0	0	0	0	0	0	0	0	6	8	0.0	16.1
03 - 06	6	3	0	0	0	0	0	0	0	0	0	2	11	0.0	0.2
06 - 09	4	2	0	0	0	0	0	0	0	0	0	3	9	0.0	0.3
09 - 12	1	0	0	0	0	0	0	0	0	0	0	0	1	0.0	0.3
12 - 15	0	0	1	0	0	0	0	0	0	0	0	3	4	0.0	0.3
15 - 18	3	0	0	0	0	0	0	0	0	0	0	0	3	0.0	0.3
18 - 21	2	0	0	0	0	0	0	0	0	0	0	1	3	0.0	0.5
21 - 24	4	0	0	0	0	0	0	0	0	0	0	1	5	0.0	0.4
Day	21	6	1	0	0	0	0	0	0	0	0	16	44	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Total amount of observations. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 3 observations in Feb between 03 - 06 UTC reported freezing rain.

Figure 6.1.1: Freezing rain.

6.2 Freezing Drizzle

The table shows the number of cases of freezing drizzle in specified time periods of three hours each month. The value of NA indicates missing METARs. Freezing drizzle is reported in present weather phenomena with ”FZDZ”. The light gray shaded cells indicate values where phenomena are observed.

Freezing drizzle during the 27 years period from 1994 - 2020,
measured in ZRH

Time (Month)

Time [UTC]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	2	1	5	0	0	0	0	0	0	0	0	13	21	0.0	16.1
03 - 06	8	2	1	0	0	0	0	0	0	0	0	8	19	0.0	0.2
06 - 09	11	0	0	0	0	0	0	0	0	0	0	15	26	0.0	0.3
09 - 12	5	0	0	0	0	0	0	0	0	0	0	2	7	0.0	0.3
12 - 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.3
15 - 18	4	0	0	0	0	0	0	0	0	0	0	1	5	0.0	0.3
18 - 21	3	0	0	0	0	0	0	0	0	0	0	0	3	0.0	0.5
21 - 24	0	0	0	0	0	0	0	0	0	0	0	1	1	0.0	0.4
Day	33	3	6	0	0	0	0	0	0	0	0	40	82	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Total amount of observations. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 2 observations in Feb between 03 - 06 UTC reported freezing drizzle.

Figure 6.2.1: Freezing drizzle.

6.3 Snowfall

The table shows the frequencies of snowfall in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Snowfall is reported in present weather phenomena with ”SN”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Snowfall during the 27 years period from 1994 - 2020,
measured in ZRH

Time [UTC] \ Time (Month)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	8.6	10.1	4.8	1.8	0.1	0.0	0.0	0.0	0.0	0.5	3.6	7.3	3.0	0.0	16.1
03 - 06	8.7	10.6	4.7	1.9	0.0	0.0	0.0	0.0	0.0	0.4	3.3	7.9	3.1	0.0	0.2
06 - 09	8.5	11.3	4.3	1.8	0.0	0.0	0.0	0.0	0.0	0.3	3.1	7.1	3.0	0.0	0.3
09 - 12	6.9	9.5	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.3	2.1	6.5	2.4	0.0	0.3
12 - 15	5.2	6.9	2.6	0.7	0.0	0.0	0.0	0.0	0.0	0.3	2.0	5.9	1.9	0.0	0.3
15 - 18	6.0	6.6	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.3	2.4	6.2	2.1	0.0	0.3
18 - 21	7.6	7.7	4.3	0.6	0.1	0.0	0.0	0.0	0.0	0.6	2.2	7.4	2.5	0.0	0.5
21 - 24	7.2	7.6	4.6	1.3	0.0	0.0	0.0	0.0	0.0	0.5	3.6	6.8	2.6	0.0	0.4
Day	7.3	8.8	3.9	1.2	0.0	0.0	0.0	0.0	0.0	0.4	2.8	6.9	2.6	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 11% observations in Feb between 03 - 06 UTC reported snowfall.

Figure 6.3.1: Snowfall.

6.4 Hail

The table shows the number of cases of hail in specified time periods of three hours each month. The value of NA indicates missing METARs. Hail is reported in present weather phenomena with ”GR”. The light gray shaded cells indicate values where phenomena are observed.

Hail during the 27 years period from 1994 - 2020,
measured in ZRH

Time (Month)

Time [UTC]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	0	0	0	0	0	1	0	0	0	0	0	0	1	0.0	16.1
03 - 06	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.2
06 - 09	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.3
09 - 12	1	0	0	0	0	0	0	0	0	0	0	0	1	0.0	0.3
12 - 15	0	0	0	0	1	0	0	0	0	0	0	1	2	0.0	0.3
15 - 18	3	0	0	0	1	0	2	0	0	0	0	0	6	0.0	0.3
18 - 21	0	0	0	0	0	1	1	0	0	0	0	0	2	0.0	0.5
21 - 24	0	0	0	0	0	0	1	0	0	0	0	0	1	0.0	0.4
Day	4	0	0	0	2	2	4	0	0	0	0	1	13	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Total amount of observations. No AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 0 observations in Feb between 03 - 06 UTC reported hail.

Figure 6.4.1: Hail.

6.5 Small Hail and/or Snow Pellets

The table shows the number of cases of small hail and/or snow pellets in specified time periods of three hours each month. The value of NA indicates missing METARs. Small hail and/or snow pellets is reported in present weather phenomena with ”GS”. The light gray shaded cells indicate values where phenomena are observed.

Small hail and/or snow pellets during the 27 years period from 1994 - 2020, measured in ZRH

Time (Month)

Time [UTC]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	0	0	1	0	0	0	0	0	0	0	1	0	2	0.0	16.1
03 - 06	2	2	2	2	0	0	0	0	0	0	0	1	9	0.0	0.2
06 - 09	3	3	5	0	1	0	0	0	0	0	1	2	15	0.0	0.3
09 - 12	8	3	5	3	0	1	0	0	0	0	0	4	24	0.0	0.3
12 - 15	6	7	8	4	1	0	0	0	0	0	6	3	35	0.0	0.3
15 - 18	1	4	6	5	0	0	1	0	0	0	0	2	19	0.0	0.3
18 - 21	1	1	1	0	0	0	0	0	0	0	0	4	7	0.0	0.5
21 - 24	0	1	0	2	0	0	0	0	0	0	0	1	4	0.0	0.4
Day	21	21	28	16	2	1	1	0	0	0	8	17	115	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Total amount of observations. No AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 2 observations in Feb between 03 - 06 UTC reported small hail and/or snow pellets.

Figure 6.5.1: Small hail and/or snow pellets.

6.6 Thunderstorm

The table shows the frequencies of thunderstorm in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Thunderstorm is reported in present weather phenomena with ”TS”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Thunderstorm during the 27 years period from 1994 - 2020,
measured in ZRH

Time [UTC] \ Time (Month)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	0.0	0.0	0.0	0.1	0.4	0.6	1.1	0.9	0.3	0.2	0.0	0.0	0.3	0.0	16.1
03 - 06	0.0	0.0	0.0	0.1	0.2	0.4	0.9	1.0	0.1	0.1	0.0	0.0	0.2	0.0	0.2
06 - 09	0.0	0.0	0.0	0.0	0.1	0.3	0.8	1.1	0.1	0.0	0.0	0.0	0.2	0.0	0.3
09 - 12	0.0	0.1	0.0	0.0	0.4	0.7	0.8	0.8	0.1	0.0	0.0	0.0	0.3	0.0	0.3
12 - 15	0.0	0.0	0.0	0.4	1.1	1.5	2.2	1.5	0.2	0.1	0.0	0.0	0.6	0.0	0.3
15 - 18	0.1	0.1	0.1	0.5	1.6	3.0	3.4	2.4	0.6	0.1	0.0	0.0	1.0	0.0	0.3
18 - 21	0.0	0.1	0.0	0.3	1.5	3.6	3.4	2.1	0.6	0.1	0.0	0.0	1.0	0.0	0.5
21 - 24	0.0	0.1	0.1	0.0	0.9	1.6	2.8	2.1	0.4	0.2	0.0	0.0	0.7	0.0	0.4
Day	0.0	0.0	0.0	0.2	0.8	1.5	1.9	1.5	0.3	0.1	0.0	0.0	0.5	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 0.9% observations in Jul between 03 - 06 UTC reported thunderstorm rain.

Figure 6.6.1: Thunderstorm.

6.7 Fog (without shallow and vicinity fog)

The table shows the frequencies of fog without shallow and vicinity fog in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Fog without shallow and vicinity fog is reported in present weather phenomena with ”FG” without ”VCFG” and ”MIFG” but it can include freezing fog ”FZFG”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Fog (without shallow and vicinity fog) during the 27 years period from 1994 - 2020, measured in ZRH

Time [UTC] \ Time (Month)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	11.7	10.5	7.8	6.9	10.7	9.4	8.6	16.4	29.3	29.9	20.9	15.5	14.8	0.0	16.1
03 - 06	11.9	11.8	14.1	10.6	12.3	9.2	10.3	21.0	33.5	29.0	20.2	14.1	16.5	0.0	0.2
06 - 09	10.0	9.0	5.2	1.2	0.7	0.2	0.3	1.1	8.8	17.4	15.6	11.8	6.8	0.0	0.3
09 - 12	5.6	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.1	2.4	5.3	5.7	1.8	0.0	0.3
12 - 15	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	2.4	0.5	0.0	0.3
15 - 18	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.5	4.4	1.0	0.0	0.3
18 - 21	5.7	1.7	0.7	0.3	0.2	0.2	0.2	0.2	3.1	13.2	12.6	9.4	4.0	0.0	0.5
21 - 24	9.4	5.1	2.8	1.9	3.0	2.0	1.9	3.3	14.6	24.7	18.8	13.8	8.4	0.0	0.4
Day	7.2	5.0	3.8	2.5	3.2	2.5	2.5	5.0	10.8	14.4	12.1	9.5	6.6	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. No AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 12% observations in Feb between 03 - 06 UTC reported fog.

Figure 6.7.1: Fog (without shallow and vicinity fog).

6.8 Shallow and Vicinity Fog

The table shows the frequencies of shallow or vicinity fog in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Shallow and vicinity fog is reported in present weather phenomena with ”VCFG” or ”MIFG”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Shallow and vicinity fog during the 27 years period from 1994 - 2020, measured in ZRH

Time [UTC] \ Time (Month)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	3.0	3.9	3.9	4.2	6.7	7.0	6.6	12.7	15.2	7.7	4.7	3.0	6.6	0.0	16.1
03 - 06	2.5	4.4	6.4	6.2	7.5	6.3	7.0	15.2	13.8	7.2	4.0	2.6	6.9	0.0	0.2
06 - 09	1.4	2.3	1.4	0.1	0.2	0.1	0.2	0.6	2.7	2.5	3.5	2.5	1.5	0.0	0.3
09 - 12	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	0.7	0.2	0.0	0.3
12 - 15	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.3
15 - 18	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.1	1.1	0.3	0.0	0.3
18 - 21	1.9	1.1	0.4	0.2	0.2	0.2	0.1	0.2	2.7	8.7	5.0	2.8	2.0	0.0	0.5
21 - 24	2.8	2.2	1.4	1.3	2.1	1.6	1.5	2.6	9.8	9.9	6.0	3.3	3.7	0.0	0.4
Day	1.6	1.7	1.7	1.4	2.0	1.8	1.8	3.7	5.3	4.6	3.1	2.0	2.6	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. No AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 4% observations in Feb between 03 - 06 UTC reported shallow and vicinity fog.

Figure 6.8.1: Shallow and vicinity fog.

6.9 Freezing Fog

The table shows the frequencies of freezing fog in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Freezing fog is reported in present weather phenomena with ”FZFG”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Freezing Fog during the 27 years period from 1994 - 2020,
measured in ZRH

Time (Month)

Time [UTC]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	3.9	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.2	2.3	4.6	1.1	0.0	16.1
03 - 06	4.5	2.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.2	2.7	4.2	1.2	0.0	0.2
06 - 09	3.4	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.2	3.7	1.1	0.0	0.3
09 - 12	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.8	0.4	0.0	0.3
12 - 15	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.1	0.0	0.3
15 - 18	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.2	0.0	0.3
18 - 21	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.9	0.3	0.0	0.5
21 - 24	2.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.4	0.6	0.0	0.4
Day	2.2	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.2	2.6	0.6	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 2% observations in Feb between 03 - 06 UTC reported freezing fog.

Figure 6.9.1: Freezing fog.

6.10 Rain

The table shows the frequencies of rain in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Rain is reported in present weather phenomena with ”RA”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Rain during the 27 years period from 1994 - 2020,
measured in ZRH

Time (Month)

Time [UTC]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	12.9	8.7	11.7	12.1	14.4	12.0	9.2	9.2	10.4	11.4	12.5	12.4	11.4	0.0	16.1
03 - 06	11.9	9.5	11.7	13.6	13.1	10.8	10.5	8.6	10.5	11.0	12.1	12.1	11.3	0.0	0.2
06 - 09	9.5	9.0	10.4	12.0	11.9	9.1	8.5	8.5	8.5	11.4	12.5	10.5	10.2	0.0	0.3
09 - 12	9.0	8.9	8.9	10.3	10.7	8.6	7.3	8.9	7.0	9.5	10.5	9.7	9.1	0.0	0.3
12 - 15	8.9	9.1	10.1	10.3	11.1	7.8	7.9	9.1	8.2	9.2	9.4	10.0	9.3	0.0	0.3
15 - 18	10.9	9.9	11.1	10.7	12.9	8.7	8.6	9.7	9.8	9.6	11.0	11.7	10.4	0.0	0.3
18 - 21	11.3	10.9	12.2	12.8	14.4	10.9	10.0	9.8	11.3	10.5	10.9	13.0	11.5	0.0	0.5
21 - 24	11.0	10.1	12.4	11.7	13.8	11.9	10.0	10.7	11.4	10.7	11.8	12.3	11.5	0.0	0.4
Day	10.6	9.5	11.1	11.7	12.7	9.9	9.0	9.3	9.6	10.4	11.3	11.5	10.6	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 10% observations in Feb between 03 - 06 UTC reported rain.

Figure 6.10.1: Rain.

6.11 Drizzle

The table shows the frequencies of drizzle in percent in specified time periods of three hours each month. The frequencies are calculated relative to all available METARs. The value of NA indicates missing METARs. Drizzle is reported in present weather phenomena with ”DZ”. The light gray shaded cells indicate values where phenomena are observed (with a frequency equal or higher than 0.1 %).

Drizzle during the 27 years period from 1994 - 2020,
measured in ZRH

Time [UTC] \ Time (Month)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	NS [%]	NA [%]
00 - 03	1.1	1.6	1.3	1.9	1.7	0.9	0.5	0.6	1.1	2.1	2.9	2.5	1.5	0.0	16.1
03 - 06	2.2	2.0	1.3	2.4	1.8	1.0	0.8	1.0	1.5	3.8	3.4	2.8	2.0	0.0	0.2
06 - 09	1.6	1.9	1.5	1.4	1.8	1.8	1.1	0.8	1.3	3.7	3.0	2.1	1.8	0.0	0.3
09 - 12	1.1	1.3	1.2	1.2	1.4	0.9	0.8	0.6	1.0	2.3	2.4	1.6	1.3	0.0	0.3
12 - 15	1.1	1.3	1.1	1.2	1.3	0.5	0.2	0.4	0.9	1.9	2.3	1.7	1.2	0.0	0.3
15 - 18	1.3	1.3	1.2	0.8	1.3	0.4	0.1	0.4	1.1	1.3	1.4	2.4	1.1	0.0	0.3
18 - 21	1.4	1.1	1.0	1.7	0.9	0.5	0.3	0.4	0.9	1.7	1.7	2.2	1.2	0.0	0.5
21 - 24	1.5	1.1	1.3	1.8	0.9	0.4	0.5	0.9	1.3	1.9	2.4	2.4	1.4	0.0	0.4
Day	1.4	1.5	1.2	1.5	1.4	0.8	0.5	0.6	1.1	2.3	2.4	2.2	1.4	0.0	-
NS [%]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	-
NA [%]	2.5	2.8	2.2	2.4	2.2	2.1	2.2	2.2	2.2	2.3	2.3	2.2	-	-	-

Frequency [%] relative to all available observations in a specific month and hour interval. Manual and AUTO METARs.
NA: Percentage of not available METARs.
Example: During the 27 years period from 1994 - 2020 2% observations in Feb between 03 - 06 UTC reported drizzle.

Figure 6.11.1: Drizzle.

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Title page photo: Buck Daniel.

Abbreviations

Aeronautical Abbreviations

AMSL	Above mean sea level
GRD	Ground
ICAO	International Civil Aviation Organisation
METAR	Aviation Routine Weather Report
RWY	Runway
UTC	United Time Coordinated

Meteorological Abbreviations

CB	Cumulonimbus
Cloud amount:	
FEW	Few (1-2 octas)
SCT	Scattered (3-4 octas)
BKN	Broken (5-7 octas)
OVC	Overcast (8 octas)
QNH	Reduced pressure to sea level according to ISA (International Standard Atmosphere)
RVR	Runway Visual Range

Airports

LFSB	Basel Airport
LSGC	Les Eplatures Airport
LSGG	Geneva Airport

LSGS	Sion Airport
LSZA	Lugano Airport
LSZB	Bern Airport
LSZG	Grenchen Airport
LSZH	Zurich Airport
LSZR	Altenrhein Airport

Units of Measurement

°C	Degrees Celsius
ft	Feet
hPa	Hectopascal
hr	Hour
km	Kilometer
kt	Knot (nautical mile/hour)
m	Meter
NM	Nautical mile

Months

Jan	January
Feb	February
Mar	March
Apr	April
May	May
Jun	June
Jul	July
Aug	August
Sep	September
Oct	October
Nov	November
Dec	December

Other

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