

Guernsey Met Office



2014 Annual Weather Report

**INCLUDING DATA FROM
LIHOU ISLAND ALDERNEY SARK**

A division of the States of Guernsey Public Services Department

Guernsey Airport Meteorological Office – Annual Report 2014

The 2014 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

A division of

The States of Guernsey Public Services Department

Front cover photo:

17th July 2014 – Bands of Altopcumulus Castellanus approach the island from the south-west as shown by this photo looking south-west across the St Pierre du Bois countryside. Altopcumulus Castellanus is a distinctive cloud which can appear in our sky at any time of the year but is most common by far in the summer. The cloud base is rarely lower than 8,000 feet but its large turrets can grow to reach over 20,000 feet.

Usually this type of cloud passes over the island without producing any rain but it is quite capable of yielding some short heavy showers. Altopcumulus Castellanus is often a sign that thundery weather is approaching and may arrive along with thick cirrus cloud and in front of the cumulonimbus which generate thunderstorms.

In the event, the evening of the 17th July produced an impressive display of distant lightning but very little rain.

Photo credit: Martin Crozier

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2014 – Senior Met Officer’s Report on Guernsey Weather & Climate Change

When the record books are consulted, 2014 is likely to be remembered for 2 main reasons. Firstly, the very stormy weather that dominated the first two months of the year and which resulted in very high average monthly wind speeds. The storms will also be remembered for the damage caused to property and the island’s infrastructure – notably the sea walls. Secondly, the year produced Guernsey’s highest annual mean temperature since records began at Guernsey Airport in 1947. Curiously, despite this new record, islanders may not remember the year as being particularly warm.

To explain this, we need to remember that the previous record was created in 2003 – a year with a famously hot summer that yielded temperatures in excess of 34°C. By contrast, the warmest day in 2014 was a full 10 degrees lower at 24°C and school children on holiday had to endure a rather cool and unsettled August.

When the temperature statistics are analysed, it can be seen that 2014 became our warmest year on record not by way of long heatwaves but by an almost complete absence of cold snaps during the winter months combined with a warm spring and a warm autumn.



Guernsey Met Office staff lower a 10 metre wind mast at Chouet in order to service and maintain the instrumentation. The wind data from this installation is used for research into the island’s potential for generating electricity from wind power and is passed on to the Department of Commerce and Employment. Photo credit: Martin Crozier

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There were other apparent contradictions in the weather of 2014. Despite being a wet year with total rainfall amounts well above average, we still found time to record 3 periods of drought – drought being defined as at least 15 days without measurable rainfall. Parents and children surveying the cloudy (and occasional rain-sodden) beaches of August would also have taken little comfort from the fact that the year was the sunniest overall since 1990. A more comprehensive summary of annual and monthly weather follows later in this annual report.

On the smaller islands several landmarks were reached - notably in Alderney. At the start of 2014, Alderney Airport possessed possibly the last working cloud base searchlight in Europe. The mechanism allowed the duty air traffic controller to calculate the cloud base for low cloud during the hours of darkness. A searchlight shining vertically from a point on the airfield at a known distance from the control tower illuminated an area on the cloud base and the height of the cloud base could then be calculated by measuring the angle of inclination of this illuminated area from the control tower.

This method of calculating cloud base was common at British airfields from the 1930s to the 1970s so it is quite remarkable for the Alderney searchlight to survive in working condition for so long in an extremely exposed environment. Nevertheless, corrosion and decay eventually catches up with even the most robustly engineered kit and so 2014 saw the introduction of a new laser ceilometer at Alderney Airport.



The new Alderney Airport laser ceilometer is installed - the instrument is capable of measuring cloud base heights up to 24,000 feet above the airfield.

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The new ceilometer provides cloud base information to the Alderney air traffic controller and to pilots using the airfield and measures the cloud base above the airfield to an accuracy of 50 feet all the way up to 24,000 feet. Unlike the cloud base searchlight, it works automatically for 24 hours per day and logs its data onto a dedicated computer.

Also in Alderney, our volunteer observer Brian Bonnard decided to “retire” from making Met Observations after many years of faithful service. Brian has kindly passed his weather kit over to the States of Alderney and whoever is charged with continuing Brian’s work will have a hard act to follow! We would like to thank Brian for all his hard work over the years and for the records which will continue to be a valuable resource for us and for the community in Alderney for many years to come.

Not to be outdone, our “Sark Met Office” observer, Roy Cook, celebrated his 90th birthday in November by making the daily weather observations – just as he did on the other 364 days! Our thanks go also to Roy for his continuing help and support.



*The Lihou Island Met Station. Over 10 years of data have already been gathered from this small part of the Bailiwick.
Photo credit: Peter De La Mare*

The Lihou Island Automated Met Station received a major service and upgrade in the summer. The station is very important in that it measures temperatures in a completely unspoilt environment. The presence of the Met Observatory at Guernsey Airport means that the airfield provides the official temperature record for the island. Since the Met Office moved there in 1947, however, the land use of the airfield and the surrounding area has

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changed markedly with a notable increase in the acreage of tarmac, concrete, buildings and other man made surfaces. This land use change results in the formation of an “airport heat island” a phenomenon observed around the world where areas of concrete, roads and runways heat up on days with strong sunlight and then slowly release their heat through the night.



The sun sets through cumulus and thick cirrus cloud on the evening of 18th November as viewed from the control tower at Guernsey Airport. Photo credit: Martin Crozier

Although the Guernsey Airport heat island is small when averaged over the course of a year and only raises average temperatures by a fraction of a degree, it is an unwelcome variable that makes it harder to accurately detect temperature changes caused by genuine climate change. The Lihou record is therefore invaluable in that it measures temperature in an area where no significant development has been undertaken or will be allowed to take place. Over many years, it should therefore be possible to compare the Lihou temperature record with that of Guernsey Airport and gain an understanding of how land use changes on and around the airport are altering our temperature records.

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Globally, the weather was not in the news quite as much as in previous years. North-western Europe experienced severe winter gales at the start of the year, California continued in drought and the media-hyped “Polar Vortex” sent much of the USA into very cold temperatures in January and February.

Typhoon Hagupit battered the Philippines but numbers of Atlantic hurricanes reached a historic low with no hurricanes making landfall in the USA for the 9th year running. Bosnia and Serbia experienced their worst flooding for 120 years in May. Calm anticyclonic conditions over China contributed, at times, to some of the worst air pollution that cities like Beijing have experienced with many people suffering respiratory problems as a result.

Polar sea ice in the Arctic recovered further from the low levels experienced at the end of the last decade although amounts still remain below the average observed by satellites since 1979. Sea ice in the Antarctic reached a new record maximum – beating the old record by quite a substantial margin. Summer ice in the Antarctic was also more extensive than usual – a fact that gained media attention when the icebreaker Admiral Shokalskiy became stuck in ice, eventually forcing the evacuation of the climate scientists who had chartered it to study global warming.

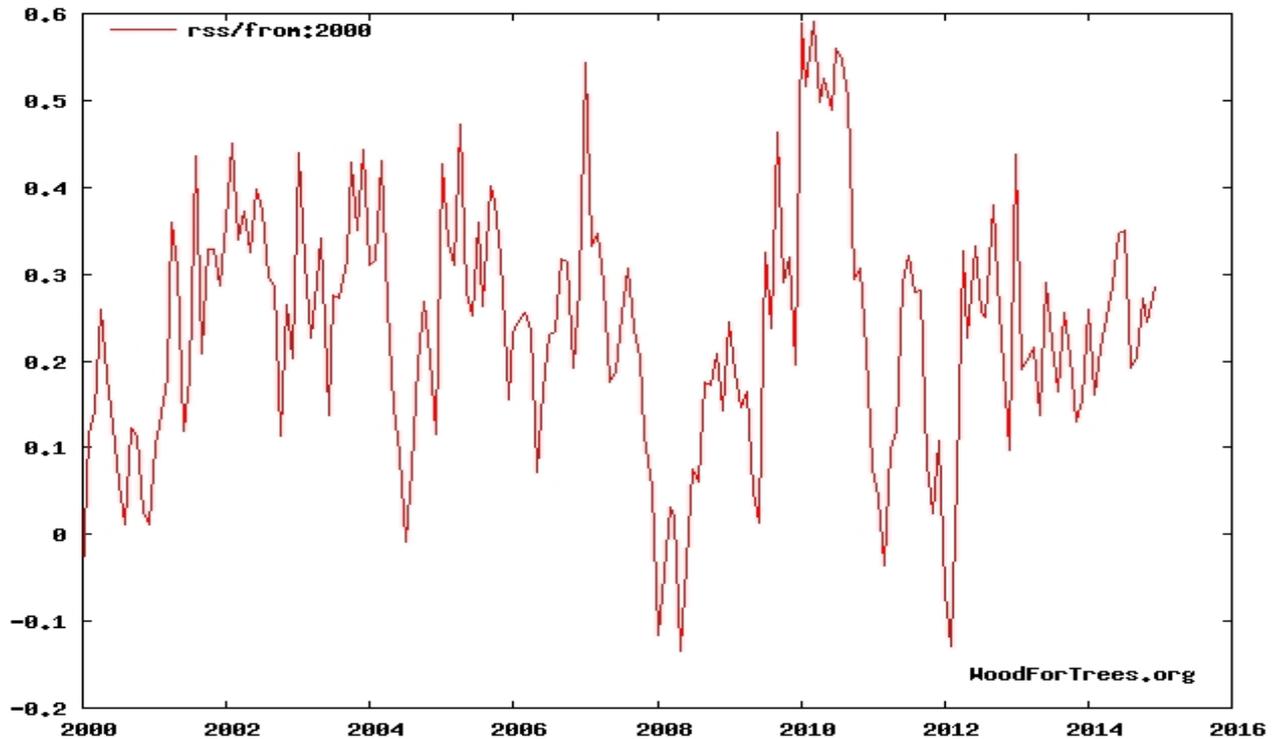
Even further afield, a large dust storm enveloped a large part of the northern hemisphere of Mars during October. NASA’s rovers on the surface of the planet were, however, unaffected as the storm failed to spread into the areas where they were operating. Had the storm affected them, the resulting loss of power generated by the rovers’ solar panels could have had serious consequences for their explorations and research.



Waterspouts were spotted around the islands on several days during the year but the main sightings of a well-developed waterspout took place mid-morning on 15th August. Waterspouts occur when a tightly spinning column of air descends from the base of a convective cloud such as cumulonimbus and meets a water surface. The same phenomenon can occur over land in the form of a tornado. This photo was taken at around 10.30am from La Maseline harbour in Sark.

Photo credit: Judy Page

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Global air temperatures in 2014 remained above the average for the 35 year long satellite record. The above graph shows the difference in temperature in °C from this average for the 21st century so far. The warmest year of this record (not shown on the graph) is 1998. The RSS satellite record is representative of the temperature of the lowest layer of the atmosphere around the planet. Regionally, several parts of the world reported record high temperatures in 2014 including the UK but cool temperatures dominated in other areas. Data reproduced by kind permission of Remote Sensing Systems and the Wood for Trees online database and graphing tool.

As a footnote, I should add that the status of Guernsey Met Office within the States of Guernsey is now changing. In past years, we have been part-funded by the Environment Department in recognition of our weather services to the community; however the Met Office will now be administered and funded 100% by the Public Services Department. We would like to thank the Environment Department for their help and support in previous years and look forward to working with them in our new capacity.

*Martin S Crozier
Senior Met Officer
Guernsey Met Office*

METEOROLOGICAL OFFICE GUERNSEY AIRPORT

COMMENT ON THE WEATHER OF 2014

This turned out to be the warmest calendar year on record with a mean of 12.4°C. This is 0.3°C higher than for any other year; there had been five years with a mean of 12.1°C. The warmest 12 month period, though, was 0.5°C warmer than this year. That occurred from June 2006 to May 2007; a period that included several months that were either the warmest or second warmest. During this past year no month, or season, was the warmest, instead the year was more consistently warm.

January was mild and very wet with above average sunshine. The mean temperature was the sixth highest on record and the highest since 2008. The rainfall total was the highest since 2001 and also the sixth highest on record. The first half of the month was windy, with one gale, before it became somewhat quieter. February's weather was dominated by low pressure, with the mean tying the record for lowest monthly pressure with December 1978. From the 5th to 15th the pressure was consistently below 1000mb. This was another mild month with the highest mean temperature since 2007. It was also very wet with the highest total since the record wet February of 1978. Sunshine was well above average, passing 100hrs for the first time since 2008. Not surprisingly this was a very windy month, with the highest mean wind speed since 1990 and gales recorded on eight days.

Three very wet months meant that the winter was the wettest on record. This was a very mild winter, the mildest since 2007 and the fifth mildest on record. Sunshine was above average and the highest since 2009. The winter was also the windiest since 1995. Following on from the wet and windy winter conditions changed in March. This was still a warmer than average month, although it was only the warmest for two years. There was a long period with no measurable rain, although the monthly total was only a little below average. Sunshine was above average again, giving a good start to the year. The main difference compared to the winter was the decrease in wind speeds. Through March winds gusted to gale force on only two days.

April was the fifth month with temperatures well above normal. It was, though, not nearly as warm as the record breaking April of 2011. This was a wet month with sunshine slightly below average. May was the wettest since 2008, being especially wet from the 21st to 23rd. Sunshine and mean temperature were marginally above average. The excess April and May rainfall meant that the spring was the wettest since 2008. The spring was also warmer than normal with above average sunshine, although falling short of many over recent years.

June was the warmest since 2006, the driest since 2009 and the sunniest since 2010. This was a very quiet month with the lowest mean wind speed since 1949. The warmth continued in July with the fourth highest mean temperature on record. It was the driest since 1999 and the sunniest since 1990. Wind speeds were again well below average. Following two warm and sunny summer months August was a disappointment, turning out to be the only one of the year with a mean temperature below average. This was a wet month with sunshine just exceeding the average. Thanks to the good weather in June and July the summer was the best since 2006.

September saw significant rainfall on just one day and it was very sunny with the highest total since 1997 and it was the warmest since 2006. This was the quietest September on record with a mean wind speed of just 7.3kt. October was another month with temperatures well above average, but it was wet, including the wettest October day on record. Sunshine was higher than normal, but less than in 2013. November was the warmest for three years, but it was also wet with the highest total for four years. Sunshine was below average. The first two weeks were windy, although with no gale. Thereafter it was notably quieter with a gust to force 7 on just one day. The autumn was the warmest since 2006 and the second warmest on record. Rainfall was above average for the third autumn in succession, while sunshine was the highest since 2007.

December had a mean temperature nearly 1°C above average, while rainfall and sunshine were below average. The rainfall total was the lowest for 10 years. The mean wind speed was the lowest for four years with no gale recorded.

January

A showery airflow covered the area early on the 1st before fronts spread in quickly from the south-west to bring rain before dawn. The rain was heavy at times and it became windy, although it was, at least, mild. There were further showers on the 2nd with rain again in the evening. The 3rd was mainly cloudy with showers, with gales, thunder and hail for a while in the afternoon. More fronts came through on the 4th to give further rain for a while, followed by showers.

A very deep depression became slow moving over the central Atlantic on the 5th. The associated fronts moved north-east across the area through the day, bringing very mild air with rain, but also hill fog. The fronts had cleared through by sunrise on the 6th with the cloud breaking to allow sunny periods and just a few showers in the evening. The 7th had showers and sunny spells with rain in the evening, but it was mild again.

On the 8th a small low moved from western Biscay to Wales, with its associated fronts ensuring a cloudy day for us. Despite the cloud we had very little rain and the mild conditions persisted. There were a few more showers on the 9th, but also a reasonable amount of sunshine. A ridge of high pressure led to more sunshine for us on the 10th, with no rain during daylight hours. A weak frontal system passed through overnight, giving rain and drizzle for a while, but this had cleared through by dawn on the 11th. Unusually there was unbroken sunshine on the 11th, with no rain; the only completely dry day this month.

This was only a brief respite from the bad weather. Fronts from a new low over the Atlantic crossed the area on the 12th to bring heavy rain in the evening. The fronts cleared through overnight leaving us in a showery airflow. The morning of the 13th was mainly sunny before the cloud came in during the afternoon with showers in the evening. For the 14th a weak ridge of high pressure helped to give a sunny morning, but it clouded over in the afternoon with rain and drizzle that evening.

Over the following week we continued to have changeable conditions, with frontal systems moving through, interspersed with showery weather. While the pressure was low, there was a comparatively small amount of rain and a reasonable amount of sunshine on four out of the seven days. Temperatures remained generally above normal. The pressure was rising on the 20th with sunny periods and just the odd shower. Cloud ahead of Atlantic fronts meant that the 21st saw limited sunshine with rain and drizzle arriving that evening. For the 22nd it was back to sunny periods and showers, with the temperature climbing.

The 23rd had showers at first before cloud from the next Atlantic weather system pushed in. There was persistent rain from midnight with rainfall of moderate intensity for several hours. Towards the end of the morning drizzle and fog became mixed in with the rain. It was not until the early hours of the 25th that the rain, drizzle and fog cleared away. Whilst it was then dry during the day, the cloud stayed with us for most of the time, allowing little sunshine. A new depression had started to form south-east of Newfoundland early on the 25th. Through the day this deepened considerably as it moved north-east across the Atlantic, becoming a very intense depression by the time it was approaching the Western Isles of Scotland around dawn on the 26th. We caught little of the rain from the associated fronts, but did get showers that evening. The showers were brief, but heavy and accompanied by hail. The temperature dropped sharply in the showers, dipping to 3.3°C; the lowest for the month.

It was colder on the 27th than previously this month, being mainly cloudy with squally showers and a brief thunderstorm a couple of hours before dawn. The low off north-west Scotland then slipped slowly south-east over the British Isles, filling in the process. This situation resulted in frequent showers of rain and hail on the 28th. There were few breaks in the cloud cover until late in the evening. The low lay close to the Islands for much of the 29th, meaning that we still had some showers, but there were also sunny periods. Unusually for this month the wind was light through the day. Winds were light again on the 30th, but there was less sunshine and heavier showers. Yet another deep depression swept north-east across the Atlantic on the 31st, with its fronts bringing rain by the afternoon. The rain became heavy at times, turning to rain and drizzle in the evening.

February

The scene was set on the 1st, with a very deep depression west of Ireland pushing fronts east across the British Isles. Following early rain there were blustery showers of rain and hail, with sunny periods. Sunny periods and showers described the weather for the 2nd, while the next depression pushed fronts towards Britain. There was rain that evening, followed by a return to showers. The 4th was mainly sunny until the afternoon, then cloud from the next system raced in. This brought some rain and gales that evening. These gales, blowing from between south and south-east, combined with a high spring tide brought flooding along Guernsey's east coast, affecting some areas not normally troubled by the sea.

The next set of fronts came in from the south, across the Bay of Biscay, with the accompanying depression moving rather slowly north-east towards Brittany. Rain arrived before dawn and persisted through the day until late evening. The rain was heavy at times with mist and some hill fog. In 12 hours from 6 a.m. 32mm of rain were recorded at the Airport with even more being measured on the west coast. Not surprisingly this brought flooding across the Island with a number of roads becoming impassable. There was no gale this day, but the wind increased to gale force in the early hours of the 7th.

The next depression in the sequence took a more northerly track, passing close to Ireland on the 8th. The associated fronts had gone through quickly in the early hours, followed by squally showers of rain or hail. The weather pattern then became more complex, with the first depression continuing past Scotland, while a new one approached north-west Spain and a third crossed the south-west of Ireland. This complex pattern persisted for a couple of days. Once this pattern had simplified, it was back to wet and windy weather, with a series of depressions coming in off the Atlantic.

Fronts went through on the 11th, bringing a period of heavy rain, followed by a showery airstream. We managed sunny periods, but with some heavy showers of rain and hail, especially overnight. A new deep low had reached south-west Ireland by midday on the 12th. Its fronts gave more heavy rain, accompanied by gales. Further showers then followed. There was generally a large amount of cloud around on the 13th, giving yet more showers. Cloud from the next system spread in later on, although the rain held off until around dawn on the 14th. There was rain or drizzle for much of the day, followed by showers and gales in the evening. The last gales of the month occurred in the early hours of the 15th, although after the gales it remained windy, with rain or hail showers.

By the 16th the depression responsible for the gales and rain had filled and reached western Norway, with a weak ridge of high pressure for the Channel. This gave sunny periods, before cloud from the next system spread in during the evening. The centre of the low became slow moving to the west of Ireland, with its fronts making erratic progress across the British Isles. While there

was little sunshine on the 17th, rainfall was intermittent and light, before passing through that evening. Showers and sunny periods followed for the 18th with temperatures above average and winds just light to moderate.

For the 19th more fronts were pushing into western Britain and these made it mainly cloudy for us, with drizzle in the afternoon. There was a mixture of drizzle and rain for the morning of the 20th, with some hill fog. This had cleared by the afternoon to leave us with sunny periods. Later on showers came in from the west and these were, once more, accompanied by hail. A showery airflow continued for the 21st, however, the showers came through mainly early on and again later, with sunny periods for much of the day. The showers overnight were again a mix of rain and hail, with thunder and lightning as well. The showers had gone by dawn on the 22nd, allowing us more sunny periods, before cloud ahead of the next weather system spread in.

Fronts had limited influence on our weather for the 23rd, with some sunshine and mild southerly winds. For the only time this month we managed a day with no rain. These dry conditions continued until a light shower in the early afternoon of the 24th. There was then rain that evening, which continued into the early hours of the 25th. After this it was back to sunny periods and showers for the day, with some hail later. A passing ridge of high pressure allowed long sunny periods for the 26th, before it clouded over in the evening with rain later. We managed more sunshine on the 27th, but again rain came through overnight, to boost the month's already high total. To end the month we had a drier day, but it was cooler with only a couple of hours of sunshine.

March

The changeable weather pattern of the winter continued into the early part of March. An old depression over northern France drifted further away to the north-east on the 1st, followed by a shallow ridge of high pressure. This situation allowed us some sunshine, with just a light shower that evening. A developing Atlantic depression then pushed fronts across the British Isles on the 2nd to bring a cloudy day, with showers followed by rain in the afternoon. The fronts had gone through by the 3rd, but with the depression much closer we had a cool and showery day, with limited sunshine.

The pressure had risen by the 4th as the old low was filling and a weak ridge crossed the area. Another small low approached Brittany, but it was filling as it did so and moved south-east over Biscay, having just a passing effect on our weather. This marked the start of a change in the general situation. Over the next couple of days the pressure continued to rise as an anticyclone developed across Biscay and France. This brought two mainly sunny and warmer days; the first hint of spring.

Fronts crossed most of Britain on the 6th, but it was not until the morning of the 7th that their cloud spread across the Islands. We then had some drizzle, with patches of fog by late morning. There was thick fog later on and this persisted into the early hours of the 8th. By dawn a moderate south-east breeze had developed bringing in drier air to clear the fog away. This turned out to be a mainly sunny day, with the temperature rising steadily throughout the day, peaking at 14°C in the late afternoon. A clear, but mild night followed with unbroken sunshine for the 9th. The maximum temperature was another degree higher, making for a very pleasant spring day.

By the 10th the original high had moved away to eastern Europe, while a new high approached south-west Ireland. This change brought the wind around to the north, meaning slightly lower temperatures, although it stayed mainly sunny. The remnants of an old front brought us cloud later on and this hung around on the 11th, giving some drizzle and holding the temperature down. After a cloudy start on the 12th the sun came out by the afternoon, raising the temperature again, although it was hazy. Fog formed early the next day and hung around over the sea and coasts all day, while some inland parts had a few hours of sunshine. There was thick fog for much of the morning on the 14th, which lifted to low cloud by midday. The lack of sunshine coupled with light winds off a still cold sea meant the temperature failed to reach a chilly 8°C.

Conditions for the 15th and 16th were mixed, with periods of sunshine and the temperature back above normal. High pressure had been the dominant feature of the weather for more than 10 days and was still in evidence. The weather on the 17th, though, was cloudy with some light drizzle early in the day and with the cloud the daytime temperature fell back. There were a few hours of sunshine on the 18th, 19th and the morning of the 20th. By this stage the pressure had fallen as more active fronts pushed east across Ireland. Rain arrived in the evening, with moderate or heavy rain falling into the early hours of the 21st. Once the front had passed through the sky cleared to allow us a mainly sunny day. Showers came along later on with some hail falling. The 22nd was a day of blustery showers of rain or hail, with the breeze emphasising the drop in temperature from the previous few days.

A weak ridge of high pressure killed off any showers early on the 23rd, allowing long periods of sunshine. The ridge helped to give a sunny start on the 24th, but fronts coming in from the south-west brought rain during the afternoon, followed by showers towards midnight. On the 25th shallow low pressure covered the area. One front affected western Brittany, while another kept south-east England damp. For us, in between, it was fair with sunny periods and light winds. There were sunny periods again on the 26th before cloud came in that evening, bringing showers of rain or hail. Following these showers the cloud broke up leading to the lowest temperature of the month at 2.8°C. The 27th was a rather cool day, but with a decent amount of sunshine. Troughs crossed the Channel overnight and through the 28th giving a number of showers, with heavy showers during the early afternoon of the 28th.

A marked change in the airflow took place overnight on the 28th. The cool and showery conditions were replaced by a much warmer south-east flow. By mid-morning on the 29th the temperature was a couple of degrees higher than it had reached the day before. The temperature continued to rise, reaching 14°C by mid-afternoon. A mild night followed and mainly sunny weather on the 30th boosted the temperature to 15.4°C; the highest for the month. The last day of the month was much cloudier, with showers in the afternoon, but it was still rather warm.

April

At the start of the month a depression was centred west of Portugal with a weak warm front moving north over Brittany. Warm air spread across the area on a south-east wind with the temperature reaching 16.8°C during the afternoon; which proved to be the highest temperature recorded for the month. The pressure was generally below normal for the rest of the first week, ensuring mainly cloudy conditions with rain on most days. With winds blowing from the south or south-west temperatures were on the whole above average, with a run of mild nights. On the 3rd, though, a cold front passed through in the early hours, giving several hours of rain. These conditions, combined with north-west winds, made for a cool day with the temperature hovering around 10°C through the day.

By the 8th all fronts had moved away, with pressure building from the west. This brought an end to the rain for the next ten days or so. The 8th had sunny periods, but with a moderate to fresh breeze. The wind had fallen light by the following morning and with almost unbroken sunshine it was a very pleasant day. Cloud built up over a large part of the Island on the 10th, spoiling things somewhat. The smaller islands of the Bailiwick, though, enjoyed a mainly sunny day.

Pressure remained high until the Easter weekend, keeping fronts well away from us for the most part. A weakening cold front did pass through during the evening and night of the 12th. This brought cloud, but no rain and the cloud was gone within a couple of hours after dawn on the 13th. Temperatures during this period were mostly above average and there were no notably cool nights, despite a lack of cloud.

There was cloud for a while on the night of the 17th, but this had cleared for Good Friday to leave another sunny day. Cooler air then spread in leading to lower temperatures for the 19th. A developing depression and its fronts then moved south-west from the Low Countries, bringing rain to us early on Easter Sunday. The rain became heavy for a while and continued through the morning, followed by heavy showers in the afternoon, making for a depressing day. Easter Monday saw a few hours of sunshine and it was dry with higher temperatures.

The effect of the old low was felt until the 22nd, before this was absorbed into the circulation of a depression over the Atlantic. A front from this depression brought rain for the 23rd, with no sunshine and low daytime temperatures. A transient ridge gave sunshine for most of the 24th, with the temperature rising to above normal again. A new depression began to develop over the Atlantic on the 25th, deepening as it moved towards south-west Ireland. Rain arrived late in the day, moving through quickly overnight. The next morning was sunny, but showers came in towards midday, with heavy showers to follow in the afternoon. This was also a breezy day with the month's only gust to gale force.

The pressure was at its lowest for the month on the 27th, with a depression moving east along the Channel. The weather was cloudy for most of the day with scattered showers. This depression continued to effect our weather on the 28th as it became almost stationary to the east of the Cotentin peninsular. It was dry through the day, but rather cloudy and hazy. On the 29th, a small low moved east from the Bay of Biscay into France, with a trough of low pressure over the Channel giving more cloud with a few showers. More fronts were approaching the area on the 30th, but their progress was slowed by a weak high. This allowed sunny periods before rain arrived in the evening.

May

On the 1st a filling depression crossed England with weak fronts crossing the Islands. These gave only slight rain and there was some sunshine. Pressure had risen further by the 2nd as an anticyclone approached northern Scotland. The remains of old fronts and a north to north-east wind ensured a cool and cloudy day. The sun came out the next day, but with air of polar origin across the area it was a similarly cool day. With winds blowing off France on the 4th it became warmer after a chilly start.

By the 5th the pressure had fallen as the anticyclone declined and drifted east, while fronts moved into Ireland. The morning of the Bank Holiday was sunny and it became rather warm. It then became cloudy with some rain in the evening. Atlantic low pressure then controlled the weather with sunny periods on the 6th, but also one or two showers. A tightening pressure gradient brought stronger winds for the 7th. A frontal system crossed southern Britain and the Channel on the 8th, giving us a dull and damp day with a fresh to strong wind. The fronts had gone through by Liberation Day, allowing sunny periods, but it was again breezy.

A new set of fronts raced in to bring cloud and rain by the 10th. These had gone through by late morning, so after heavy rain at first, it brightened up with sunny periods. The pressure gradient was steep, though, resulting in winds of near gale force for a while in the afternoon. The next couple of days were mainly sunny, but it was rather windy again with a few showers. There was some cloud at first on the 13th, but it was the first completely dry day in more than a week. The pressure pattern had, by now, changed with an anticyclone pushing north-east into Biscay.

On the 14th the wind was light for the first time since the 4th. By this stage the anticyclone had reached Biscay, pushing any fronts well away from us. There was almost unbroken sunshine which helped the temperature to reach 15°C for only the second time this month. For the 15th the pressure was at its highest for the month. Light winds and unbroken sunshine made for a very pleasant warm day. There was slightly more wind the next day, which was not as warm, followed in turn by another warm and sunny day. The pressure had fallen markedly by the 18th as fronts pushed into Ireland. South-east winds here, though, gave us our warmest day of the month with the temperature reaching 20.5°C.

Thundery low pressure had become the dominant feature of the weather by the 19th. Temperatures stayed above normal and we had only light rain, but there was much less sunshine than on previous days. The 20th was dry with sunny periods and it

was rather warm again. A developing low began to move north into Biscay on the 21st. Cloud ahead of the associated fronts had blocked out the sun by late morning. Rain arrived that evening, with some heavy rain overnight.

After a week of warm weather temperatures fell back. The continued dominance of the weather pattern by low pressure meant mainly cloudy weather for the 22nd. In the early hours of the 23rd the end of an occluded front brought very heavy rain for a while, with several hours more rain to follow. By the time the rain stopped 35mm of rain had fallen, with a total of 38.0mm credited to the 22nd. This made this the wettest day of the year so far and the second wettest May day on record. Further rain fell late on the 23rd, with heavy rain again for a while in the early hours of the 24th. The low then filled slowly with dry and mainly sunny weather on the 25th.

We had not finished with the rain, though, with more to come around dawn on the Spring Bank Holiday. This was not a complete wash out with the sun coming out in the afternoon and ending with a fine evening. While the heaviest of the rain had ended for this month, we were still being troubled by some slow moving fronts. These allowed us only a few hours of sunshine on the 27th and almost none on the 28th. For the 29th it was dull and cool with rain or drizzle at times, accompanied by fog.

The 30th was cloudy at first, with fog for a while, then conditions improved with sunny periods and the temperature getting above normal once more. With a ridge of high pressure over the British Isles for the 31st, we had sunny periods and the temperature was above normal again.

June

A ridge of high pressure crossed the area on the 1st, giving sunny periods, before cloud increased ahead of approaching fronts. It stayed dry overnight and through the morning of the 2nd, before we had some drizzle in the afternoon and evening. There was a little more rain as the fronts cleared through, followed by dry conditions for a while on the 3rd, with some sunshine. A new set of fronts pushed in from the south-west, bringing us rain that evening, with heavy rain for a while. The rain continued into the early hours of the 4th, before the weather system moved away to the east. This left us with sunny periods, but it was rather cool with a fresh breeze.

A ridge of high pressure gave mainly sunny conditions for the 5th, although the temperature was below normal. By this stage a depression had become slow-moving to the west of Biscay. The associated warm front moved north over Biscay, but staying far enough away to allow us sunny periods.. A south-east flow developed across the Islands, bringing in much warmer air. Through the day on the 6th the temperature rose gradually to reach the highest reading for the month during the late afternoon. Cloud increased overnight, with a thunderstorm and heavy rain in the early hours of the 7th. The rain was heaviest in the south-west of Guernsey, with a burst of hail. It then became fair again during the day with sunny periods, but with lower temperatures.

Winds from the south or south-east and long sunny periods allowed the temperature to climb again on the 8th, becoming warm by early afternoon. A band of showers then moved through later in the afternoon, bringing a sharp drop in temperature. By the 9th the pressure pattern had changed slowly. The original low was still around, having drifted a little north and filled somewhat, while pressure was low over France and high over southern Scandinavia. Weak fronts in the area made for a rather cloudy day, although it stayed dry until a light shower in the evening. A developing ridge of high pressure brought dry and sunny conditions for the 10th.

Over the 11th and 12th the high drifted north ensuring that dry and sunny weather continued. By the 13th the high had moved westwards, keeping it dry and sunny with higher temperatures. The 14th saw the high further west, allowing fronts to move south over eastern England. There was little change, though, in our weather. The weak fronts did affect us eventually during the first half of the 15th, bringing cloud for several hours and lower temperatures. Sunshine was unbroken once more for the 16th, but with cloud again for several hours on the 17th.

The dominance of the weather by high pressure persisted for the next week, keeping fronts well away from us most of the time. There cloud for a while in the early hours of the 20th, but this had gone by sunrise. Over this week the duller day had almost 12hrs of sunshine and it became warm with light winds. The first indications of a change in the weather came along on the 21st, with thundery low pressure developing over France. This, though, edged away south-east with our attention turning towards the Atlantic.

By the 25th the main anticyclone had moved north of Scotland, with fronts approaching Ireland, but for us it was another sunny day. Fronts crossed the area on the 26th, bringing cloud for the morning, but just a light shower, before the sun came out again in the afternoon. More fronts crossed the Islands on the 27th, but they were also weak with just some light showers and sunny periods. The 28th and 29th saw low pressure still around, with more weak fronts, but once more we stayed dry with a reasonable amount of sunshine. Cloud ahead of an approaching warm front made the 30th the duller day since the 2nd with just over one hour of sunshine. There were slight showers in the afternoon, with some more rain overnight to give our wettest day for over three weeks.

July

A depression centred over Biscay at the start of the month filled slowly through the day, before moving away south as ridge of high pressure edged south over England. We had a cloudy morning, followed by a sunny afternoon. With the ridge drifting slowly south across the area during the next couple of days, it was sunny and became warm. The sun hung on for the morning of the 4th, but by this stage fronts had pushed across most of Ireland, with rain already into south-west England. We had some heavy rain overnight as the fronts went through, with a cloudy day to follow. Having passed through, the fronts came to a halt just south of us, giving Jersey a very wet day, while we had just occasional rain or drizzle.

The 6th saw the cloud starting to break up during the late morning, with unbroken sunshine for the afternoon. With low pressure off north-west Scotland the British Isles were covered by a showery airstream. For the 7th we managed a mainly sunny morning, before increasing cloud during the afternoon, with light showers towards the evening. There was a brief heavy shower early the next day, but then the cloud cleared again to leave us with a mainly sunny day. By the 9th a ridge of high pressure had edged into western Britain, while fronts were approaching the east of England from the North Sea. This situation gave unbroken sunshine and there was almost unbroken sunshine for the next couple of days despite fronts trying to encroach from both west and east.

The 12th saw much more cloud around than for the previous week, with fronts making more progress in. More fronts went through overnight, bringing rain, drizzle and fog. These were through quickly on the 13th to leave us with another reasonably sunny day. Conditions were rather mixed over the following two days with fronts not far away. Weak fronts went through on the night of the 14th, giving drizzle and fog, before things brightened up again for the 15th. There were no fronts around in the immediate area on the 16th, but we had some cloud and a few patches of fog.

A thundery depression, which had formed over Spain, moved north across Biscay on the 17th. With an easterly airflow over the Islands it became warm, but cloud increased in the early afternoon, giving a few spots of rain and some distant rumbles of thunder. The wind was rather variable for the 18th, but it was as warm, while thunder clouds built up again by the evening. There was a thunderstorm in the early hours of the 19th, however, the heavy rain passed just to the west of Guernsey. A further thunderstorm came along later that morning, bringing rain for all of the Island, but especially up the east coast. The rainfall was very intense in the twenty minutes before midday, resulting in flash flooding. Large hail was also reported. The south-west had very little rainfall with the ground being damp for barely an hour.

Pressure started to rise on the 20th as a ridge of high pressure began to extend north-east across Biscay. This allowed long sunny periods, with temperatures above average. By the evening of the next day high pressure covered the British Isles, although weak fronts were still affecting western parts, while we had a sunny and reasonably warm day. The wind veered towards the north-east for the following two days raising the temperature by a couple of degrees. By the 24th the pressure had fallen as thundery troughs came close to the area. These gave us mainly cloudy weather, with light showers during the late morning. Spells of sunshine in the afternoon, however, boosted the temperature to its highest value for the month. The figure of 23.9°C recorded is, though, low for the highest temperature reached during a warm July.

The thundery troughs had moved away by the 25th, allowing unbroken sunshine and light winds, thus maintaining the warm weather. Conditions were similar on the 26th, with somewhat more cloud around, but by this stage fronts were moving east across Ireland. These continued to move in, but weakened as they did so, bringing slightly lower temperatures for the 27th after some early hill fog. Low pressure was still present to the east of us on the 28th, with south-east England being affected by severe thunderstorms. There was cloud for a while in the morning, but no showers, followed by a sunny afternoon.

A shallow ridge of high pressure produced a mainly sunny day for the 29th, with temperatures just above average. A weak front passed through overnight giving cloud, but no rain. The sun then came out again for the 30th. More fronts affected central areas of the British Isles on the 31st, but kept well away from the Channel. It was, though, mostly cloudy during the morning before the sun came out again for the afternoon, allowing reasonable temperatures once more.

August

At the start of the month pressure was low to the west of Scotland and relatively high over France, with several weak fronts across the British Isles. This pattern gave us a mainly cloudy day with drizzle late on. By the morning of the 2nd a low was centred between Ireland and Wales with fronts clearing the Bailiwick. We managed a reasonably sunny and fairly warm day after the a little rain early on. A weak ridge of high pressure covered the area on the 3rd and 4th to give two mainly sunny days, with the temperature slightly above average.

Fronts began to push in again on the 5th, giving some rain. Warm sunny periods followed, but further fronts came in later on, bringing heavy rain with them. The next day saw sunny periods after rain early on, with temperatures still above normal. A passing ridge of high pressure produced sunny weather on the 7th, but by now a small low was moving north over Biscay. This low gave a cloudy day on the 8th, with heavy rain for a while in the afternoon. A transient ridge of high pressure followed for the 9th, with sunny periods in the morning. Cloud increased during the afternoon ahead of fronts associated with a developing depression; the remnants of hurricane Bertha.

Early rain on the 10th was followed by brighter conditions, with sunny periods. It became windy during the day, with gusts to severe gale force, as the depression moved north-east over England. The next three days were also rather windy, but it was generally dry with sunny periods, while the 13th saw almost unbroken sunshine. Showery troughs moving south-east over the Channel on the 14th brought cloudier weather with showers, before it brightened up again that evening. Rising pressure on the 15th brought long sunny periods, but there were still shower clouds around. These produced a number of waterspouts around the Channel Islands during the morning.

The pressure was at its highest for the month on the 16th with a ridge extending to the Channel from an anticyclone off north-west Spain. This gave another mainly sunny day, although this did not help the temperature out of the rather cool category. Fronts, associated with a low passing to the north of Scotland, brought cloud for the 17th, with rain or drizzle at times. By the 18th the British Isles were in a north to north-west airflow between low pressure over Scandinavia and high pressure over the Atlantic. This pattern brought us four reasonably sunny days, but it stayed rather cool with daytime temperature more than 2°C below normal.

Fronts from a low over the North Sea brought showers early on the 22nd, before the cloud broke to allow sunny periods during the day. There were further showers on the 23rd, but also sunny periods. High cloud ahead of the next fronts made the 24th a mainly cloudy day and kept the temperature even lower than it had been on preceding days. A sequence of fronts crossing the area on the 25th gave a cloudy and wet Bank Holiday. A depression then moved slowly east over the Channel, filling slowly as it went. This situation gave mainly cloudy weather with spells of rain.

The weather brightened up on the 28th with sunny periods and there was some more sunshine the next day, with little rainfall. More fronts moving east across southern England and the Channel then gave another cloudy day on the 30th, although with just a little rain. Following the passage of a weakening cold front late that afternoon the cloud broke, leading to a fine night, followed by a sunny day to end the month.

September

On the 1st weakening fronts were moving east over the British Isles, with high pressure over Biscay and an anticyclone moving north-east towards Ireland. This situation gave some sunny spells with the temperature about normal. The weak fronts cleared through overnight, giving a little drizzle with patches of fog. By the morning of the 2nd the fronts had moved through with high pressure becoming established over the British Isles, bringing our winds around to the east. This change allowed warm sunny periods to develop.

By the 3rd the main centre of high pressure had transferred to Scandinavia, keeping low pressure away to the west of Biscay and Iberia. With winds blowing from between east and north-east we had a run of warm and sunny days. The 6th saw a small depression form over France with fronts edging south over Britain. We still managed sunny periods and it was warm once more. Cloud on the 7th gave a little rain, but not enough to measure. A new anticyclone then edged into Ireland, with the pressure staying rather low over and to the west of Biscay. After the cloud on the 7th the next five days were mainly sunny with temperatures continuing above normal.

Over the 10th and 11th low pressure west of Iberia deepened, but the high over Britain kept any fronts well away from us for several days. On the 13th an area of cloud came in from the north-east to interrupt our run of sunny days. There were still several hours of sunshine, though and it stayed dry. The sun was out for longer again on the 14th and 15th, but by now high pressure had moved far enough away for the influence of low pressure to extend across Biscay. The 16th, however, was another sunny day and, with the wind now blowing from the south-east, it became very warm with the temperature climbing to 24.4°C; the highest for the year.

The higher temperatures and lower pressure encouraged the development of thunderstorms over France. There was more cloud around on the 17th, enough to give a light shower in the morning, but we had to wait until that night for the arrival of a major thunderstorm. The storm began to develop early on the 18th, with lightning visible by 4a.m. and thunder heard an hour later. It was raining by 5.30a.m. with the rain becoming torrential in the next 30 minutes. By the time the rain had finished, around 8a.m., we had received 25mm of rain, almost one inch. Warm sunny periods came through once the rain had gone and it was warm again the following day, after another night of lightning. Another thunderstorm passed through that night, but this was brief with a small amount of rain.

We had a change of weather on the 20th with fog coming in from the north, with only a couple of hours of sunshine during the day and the temperature lower than on the previous four days. By this stage a new high was edging east towards Ireland with weak fronts moving south over the British Isles. These weak fronts cleared through around dawn on the 21st, giving a short burst of rain, with much brighter conditions following. High pressure then dominated the weather for the next three days, keeping it dry with a reasonable amount of sunshine. Temperatures, though, were notably lower, even being below average on a couple of days.

A weak cold front passed through on the 24th making it cloudy for a while, with a light shower. This was followed by more sunshine for most of the 24th and again the next day. A weakening warm front moved in slowly on the 26th, making this the cloudiest day of the month. There was drizzle for a time in the early afternoon with a patch or two of fog. The wind swung around to the south-east for the 27th, bringing a return of warm weather and the 28th saw even higher temperatures and almost unbroken sunshine. A small low moved north across the area on the 29th, making it cloudy during the morning, with a light shower. The sun came out again that afternoon and it was pleasantly warm with light winds. The pressure had risen again for the 30th ensuring sunny periods with the temperature well above normal once more.

October

At the start of the month pressure was high over Biscay, across France and on to Scandinavia. It was low south-west of Iceland, with weakening fronts crossing the British Isles. Despite the pressure being high we had a generally cloudy day on the 1st, with some drizzle and early fog. For the 2nd the pressure had risen and the fronts weakened further to allow us some spells of warm sunshine. Clear skies and light winds led to fog patches for a while on the 3rd, but these were followed by more warm sunshine. That night we had thick fog for a while before a cold front came in, bringing some heavy rain. The front had cleared by that afternoon to allow the sun to come out. Temperatures fell, though, as the wind veered to the north-west.

A transient ridge gave clear skies and light winds early on the 5th, helping the temperature to dip below 10°C for the first time since June. We had hazy sunshine through the day, with cloud increasing generally late on ahead of fronts approaching from the south-west. These fronts brought heavy rain for a while during the morning of the 6th, followed by sunny periods. Overnight there were heavy showers accompanied by thunder, with some hail as well. These showers brought the lowest temperature for the month at 9.4°C.

It was mostly sunny on the 7th, although it became cloudy again later, with showers early on the 8th. There were sunny periods on the 8th, but more showers as well. With winds blowing from between south and south-west temperatures were above average. Pressure was still low over the British Isles on the 9th, although the pressure was rising. We managed a mainly sunny, but rather windy, day with a brief heavy shower in the evening. The morning of the 10th was also mainly sunny, before cloud increased during the afternoon. There were heavy showers and thunder from mid-afternoon through to the evening. During the evening some parts of the Island had very heavy rain, with hail as well.

For a change the 11th was totally dry and mainly sunny, but there was still low pressure over the British Isles, although it was filling. A developing depression off Portugal began to spread its influence north-east overnight. The morning of the 12th was cloudy, with rain arriving towards midday. The rest of the day was wet, with periods of heavy rain until close on midnight and there was more heavy rain around dawn on the 13th. The rest of the 13th was cloudy and rather cool, but with only a few light showers.

The 14th saw sunny periods and light winds with just the odd shower early on. There was more rain to come for the 15th as fronts, associated with a deep depression over the central Atlantic, swung north-east across the area. Showers followed once the rain had moved away, with thunder towards midnight. A southerly airflow over the next three days brought higher temperatures, but there still a large amount of cloud around, with some rain or showers. The night of the 17th was unusually warm for mid-October with a minimum temperature of 16.7°C. Only one warmer October night has been recorded. The temperature rose close to 20°C on the 18th; about 5°C higher than normal.

On the 19th fronts cleared through and the wind veered to the south-west. This change meant a dry day, with sunny spells, but also lower temperatures, although still well above normal. The 20th was again dry with sunny periods, with the temperature dropping a little further. By midnight on the 20th a deep depression, the remnants of Hurricane Gonzalo, was bringing gales and rain across Ireland. We had some rain as fronts passed through, followed by the wind strengthening to near gale force as it veered to the west. There were, though, only a couple of light showers and periods of sunshine.

The pressure was at its highest for the month on the 22nd, but cloud from the next Atlantic weather system was soon spreading in across the British Isles. We had sunny spells and it stayed dry through the day. The 23rd was a cloudy day, with rain or drizzle at times, before heavy rain or drizzle arrived late on. The cloud failed to clear on the 24th with more rain at times and some patches of fog. The 25th was dry, but we still only managed a little sunshine around the middle of the day.

The weather then became more settled for the rest of the month. We had sunny spells on the 26th, followed by two days of unbroken sunshine. With south to south-east winds the temperature rose well above normal again. A weak front came close to us on the 29th, making for a cloudy day with outbreaks of rain or drizzle. The cloud moved away on the 30th with the sun coming out by late morning, helping the temperature to rise even higher. Halloween turned out to be warmer than any other on record, with the temperature peaking at 18.3°C, which is more than 1.5°C higher than anything previously recorded on 31st October.

November

A weak cold front passed through around dawn on the 1st, giving some rain, followed by sunny periods during the day. Winds from the south-west ensured that the temperature was well above average. A set of fronts went through on the 2nd, resulting in a wet morning and just a short glimpse of the sun once the fronts had cleared. There were showers that evening, followed by rain early on the 3rd. There were sunny spells during the day, but with several showers and lowering temperatures.

Low pressure over the British Isles filled slowly on the 4th while drifting off to the North Sea. It was still showery, with early showers accompanied by thunder and lightning. Further showers followed that afternoon and again early on the 5th. There were also sunny periods on both days. An Atlantic frontal system approached on the 6th, making it a cloudy day with rain and drizzle by the evening. There was heavy rain for a while overnight, followed by showers. These combined to give the wettest day of the month.

After showers on the 7th, more rain came through for the 8th as a small depression moved north-east through the Irish Sea. It was back to showers on the 9th and into the 10th, as low pressure over the British Isles dominated the weather. Some showers were accompanied by hail and thunder and lightning. Yet more fronts came in for the 11th, making for another cloudy day with rain off and on, then showers towards midnight.

Complex low pressure over, and to the west of Ireland, brought showers early on the 12th, before sunny periods came along during the day. By the 13th a deep low had formed in the central Atlantic, with fronts and a secondary low moving north-east over Biscay. These fronts brought rain and drizzle in the evening, but they moved through quickly, ensuring only a small amount of rain in total. After early showers the 14th was a mainly fair day with sunny periods.

Low pressure to the west and south-west of Ireland dominated the weather on the 15th, with showery troughs moving north-east over the British Isles. Showers came along for the afternoon, followed by heavy showers that evening. By the 16th The Channel and Brittany were covered by low pressure. This led to more showers, but with light winds and sunny periods. For the 17th a new low moved south-west across England from the North Sea. This brought us cloudy weather with a wet afternoon and the temperature being held down due to the cloud and rain. On the 18th the cloud broke up as the low moved away to the south, with the sun coming out by late morning.

High pressure over Russia and low pressure over the Atlantic resulted in a south-east flow over the Channel on the 19th. Weak fronts came close enough to give a cloudy day with light rain at times. The situation had changed little for the 20th, but this was dry with some sunshine. Fronts came up from Biscay on the 21st, bringing rain for a while and introducing milder air. Much more active fronts then pushed in from the south-west later in the day, bringing rain overnight and for the early morning of the 22nd. Yet more rain came along that night, with rain or drizzle persisting through into afternoon of the 23rd. With the rain and a northerly wind blowing, this turned out to be the coldest day of the month, although we still saw a maximum of 10°C.

A transient high crossed the area on the 24th, giving sunny weather until cloud from the previous day's fronts pushed north again. The 25th and 26th were dull days with periods of rain on the 25th. There was fog later on the 25th with more fog and outbreaks of drizzle to follow for the 26th. The fronts responsible for all the murk then moved away on the 27th as low pressure over the Atlantic deepened, to introduce a warmer south-east flow to the area. The 28th was a dry day with some sunshine, but also a large amount of high cloud. The temperature tended to rise through the day, with the highest temperature being reached after dark. Following a mild night there was more sunshine on the 29th, helping the temperature to climb to 15.8°C; notably high for late November. The 30th, though, was cloudy with mist and some fog.

December

Over the first five days of the month pressure was low over the western Mediterranean, with a ridge of high pressure lying across the British Isles. There were weak fronts nearby for much of the time, ensuring we managed just one hour of sunshine in the five days. The dull conditions meant that there was little variation in temperature between day and night, starting off slightly above average, before becoming rather cold on the 4th as the wind veered more towards the east. There was rain at times, with the 4th being the wettest.

A cold front cleared through on the evening of the 5th, followed by a clearer north-west flow. This allowed plenty of sunshine for the 6th, although cloud increased again that evening. A frontal system crossed the area on the 7th, bringing rain and drizzle, with heavy rain towards midday. It became mild for a while, before clearer and showery conditions arrived during the afternoon. There were showers at first on the 8th, but most of the day saw good periods of sunshine.

The changeable nature of the weather meant that another frontal system was soon on its way, crossing the Island through the afternoon and night of the 9th. It was very mild for a while overnight, before the temperature fell back with the passage of a cold front. It was fair for a while, before showers came through that afternoon. There were frequent showers on the 11th, but stronger winds meant these showers passed through quickly. A developing set of fronts went through on the 12th, making for a wet morning with light rain for the afternoon.

Following the strong winds of the previous few days, the 13th saw light winds with periods of sunshine and no rain. Fronts were soon pushing east again across the British Isles and, hence, it became cloudy once more on the 14th with rain or drizzle that evening. The fronts were out of the way by the 15th, however, a small low and its fronts approached Brittany for the 15th. This meant another cloudy day for us with some more rain. A temporary ridge of high pressure allowed us some sunshine on the 16th, but the next fronts were on their way in, reaching here towards midnight.

From the early hours of the 17th until mid-morning on the 19th fronts straddled the British Isles. These ensured dull and damp conditions with rain or drizzle and mist. There was little movement in temperature, with a variation of just 1°C between early on the 17th and 9 a.m. on the 19th. There were several hours of moderate rain and drizzle early on the 19th, with some heavy rain as well, to make for the wettest day of the month. Rising pressure following the clearance of the rain reduced any subsequent showers.

By the 20th the pressure had risen markedly, with only light showers occurring, however there were only a few sunny spells. Fronts crossed Britain again on the 21st, but with high pressure not far away they were weak when affecting us. We did, though, have a run of cloudy days with rain or drizzle at times, along with mist and fog for a while on Christmas Eve. Temperatures stayed well above average throughout this period.

The weather had changed by Christmas Day with pressure rising, giving us sunny periods, but still with a light shower or two. A small depression crossed Ireland on Boxing Day, with its fronts giving several hours of rain. The fronts had cleared through by the 27th, introducing a colder showery airflow. With the pressure rising once more the showers gradually moved away, allowing sunny periods. For the 28th the wind had veered to the north-east, so, while we had sunny periods, it was a cold day. Overnight the winds fell light and with clear skies the most significant ground frost of the year developed. The pressure rose to 1044.3mb late in the day, the highest pressure recorded since 1991. A couple more dry days followed to end the month, with sunny periods again for the 30th, but only just over an hour of sunshine for the 31st.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2014	DIFFERENCE FROM AVERAGE	2014	PERCENTAGE OF AVERAGE	2014	PERCENTAGE OF AVERAGE
JAN	8.2	+1.3	165.1	178.5	71.1	116.6
FEB	7.8	+1.3	154.3	219.8	107.2	124.9
MAR	8.6	+0.8	58.5	87.3	163.1	127.8
APR	10.5	+1.3	84.5	159.1	185.7	95.4
MAY	12.3	+0.3	86.7	170.3	235.9	100.6
JUN	15.5	+1.0	18.3	40.2	314.0	127.3
JUL	17.9	+1.4	17.7	42.0	318.9	127.2
AUG	16.3	-0.6	74.9	157.0	233.0	101.3
SEP	17.2	+1.8	27.7	48.2	231.6	128.6
OCT	14.6	+1.6	135.8	142.9	128.5	109.7
NOV	11.2	+1.3	131.0	125.6	73.1	94.0
DEC	8.6	+0.9	78.7	69.7	52.4	90.0
YEAR	12.4 *	+1.0	1033.2	116.9	2114.5	113.4

* NEW RECORD

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2014	DATE	2011	AVERAGE 1981-2010	2014	AVERAGE 1981-2010
JAN	71.1	61.0	112.8	1998	26.0	1966	7.9	11th	26.4	22.7	5	10.1
FEB	107.2	85.6	143.9	2008	36.1	1976	7.8	26th	36.4	29.1	2	6.3
MAR	163.1	127.6	214.8	2009	67.4	1964	10.6	9th	44.4	34.7	4	5.5
APR	185.7	194.7	280.4	1984	122.2	1981	13.0	16th	45.4	47.7	2	2.5
MAY	235.9	234.5	336.4	1989	136.9	1981	14.2	16th	49.9	49.6	2	1.8
JUN	314.0	246.6	355.3	1975	147.8	1977	15.0	12th	65.2	51.2	0	1.9
JUL	318.9	250.7	335.9	1959	167.7	1972	14.9	3rd	65.8	51.7	0	1.4
AUG	233.0	230.1	323.0	1955	139.2	1992	13.6	3rd	52.6	52.0	1	1.2
SEP	231.6	180.1	266.5	1959	104.5	1956	11.3	4th	61.5	47.8	0	2.3
OCT	128.5	117.1	176.4	1971	72.6	1968	9.0	9th.27th	38.8	35.3	4	4.6
NOV	73.1	77.8	123.6	2006	38.9	1981	7.7	1st	27.0	28.7	8	6.9
DEC	52.4	58.2	108.9	2001	26.6	1966	6.7	29th	20.5	22.8	11	11.0
YEAR	2114.5	1864.0	2262.8	1959	1532.5	1981	15.0	12-Jun	47.5	41.8	39	56.8

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.
JAN	1004.0	1017.9	1030.5	1992	1001.1	1948	1045.9	30/1989	0945	966.6	20/1965	1220
FEB	1000.6 *	1018.0	1032.1	1959	1003.5	1966	1047.5	7/1964	1050	952.5	25/1989	1050
MAR	1017.2	1017.0	1029.9	1953	1003.0	1947	1047.7	3/1990	0930	969.6	13/1951	1630
APR	1015.4	1015.1	1025.1	1954	1002.6	1998	1040.2	10/1947	0800	979.5	16/1998	1620
MAY	1016.4	1016.0	1025.3	1991	1007.6	1983	1039.8	Dec-12	1045	981.3	5/2004	2350
JUN	1019.8	1018.0	1024.5	1962	1009.5	1997	1037.5	14/1959	0850	988.9	9/1954	1500
JUL	1017.3	1017.7	1023.5	1969	1013.9	1988	1034.5	12/1969	1150	986.6	3/1988	0845
AUG	1014.2	1017.3	1022.0	1981	1011.9	1963	1036.1	12/1949	0930	982.3	9/1948	0000
SEP	1019.4	1017.2	1024.2	1977	1009.9	1999	1037.3	22/1947	0700	974.7	13/1993	0630
OCT	1014.3	1014.8	1024.5	1971	1003.9	1960	1040.0	26/1969	2200	959.5	16/1987	0200
NOV	1006.6	1015.3	1026.2	1978	1001.5	2000	1041.9	2/2001	0850	963.2	9/2011	0300
DEC	1022.8	1016.4	1029.5	1991	1000.6	1978	1046.0	25/1991	0950	964.2	8/1954	1450
YEAR	1014.1	1016.7	1019.8	1949	1013.4	1960	1047.7	03/03/1990	0930	952.5	25/02/1989	1050

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2014	DATE	2014	AVERAGE 1981-2010	2014	AVERAGE 1981-2010
JAN	165.1	92.5	210.0	2001	15.4	1992	18.5	28th	28	19.3	21	14.6
FEB	154.3	70.2	182.8	1978	4.8	1965	33.1	6th	25	15.7	23	11.3
MAR	58.5	67.0	179.6	2001	2.7	1961	13.5	20th	12	15.9	10	11.5
APR	84.5	53.1	130.4	1966	2.9	1980	18.8	26th	16	13.2	13	9.7
MAY	86.7	50.9	128.7	1994	4.1	1989	38.0	22nd	14	11.9	11	8.5
JUN	18.3	45.5	129.7	1986	0.6	1976	14.1	3rd	5	10.4	2	7.1
JUL	17.7	42.1	120.2	1960	3.9	1999	8.1	4th	8	11.0	4	7.5
AUG	74.9	47.7	122.0	1951	3.8	1955	13.3	5th	18	10.6	12	7.6
SEP	27.7	57.5	194.5	1952	6.9	1997	25.1	17th	4 *	12.4	1 *	9.0
OCT	135.8	95.0	233.9	1960	3.4	1978	59.1 *	12th	22	17.3	16	13.3
NOV	131.0	104.3	234.5	2009	16.1	1978	16.5	6th	23	18.8	19	15.0
DEC	78.7	112.9	249.6	1999	28.1	1953	12.5	18th	21	18.6	16	15.5
YEAR	1033.2	838.7	1317.0	1960	531.3	1989	59.1	12-Oct	196	175.0	148	130.5

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2014	AVERAGE 1981-2010	2014	DATE	RECORD HIGHEST	DATE	2014	AVERAGE 1981-2010	2014	DATE	RECORD LOWEST	DATE
JAN	10.1	8.7	12.4	6th	13.3	4/48,9/07	6.3	5.0	3.3	27,31	-7.8	20/1963
FEB	9.8	8.4	12.3	14th	15.0	29/1948	5.8	4.6	3.4	13th	-7.2	21/48,7/91
MAR	10.8	10.0	15.4	30th	19.4	29/1965	6.3	5.6	2.8	27th	-2.2	10,11/1958
APR	12.8	11.8	16.8	1st	24.3	16/2003	8.3	6.6	6.2	9,10	-1.4	11/1986
MAY	14.9	14.9	20.5	18th	25.9	30/2003	9.8	9.2	6.3	4th	0.1	2/1979
JUN	18.7	17.5	23.5	5th	30.8	26/1976	12.4	11.5	9.9	4th	5.4	1/1975
JUL	20.8	19.5	23.9	24th	31.7	1/1952	15.1	13.6	12.5	8th	8.3	8/1954
AUG	18.6	19.8	22.2	5th	34.3	9/2003	14.0	14.1	10.7	21st	9.2	28/1986
SEP	19.9	18.0	24.4	16th	30.6	2/1961	14.5	12.9	10.9	23rd	5.8	28/1974
OCT	16.6	15.1	19.9	2nd	23.6	1/2011	12.6	10.8	9.4	7th	3.5	28/2003
NOV	13.0	11.8	16.3	1st	16.8	1/99,8/05	9.5	8.1	7.0	24th	-0.8	28/2010
DEC	10.3	9.5	12.4	22nd	15.6	6/1953	6.9	6.0	2.0	29th	-3.8	24/1963
YEAR	14.7	13.8	24.4	16-Sep	34.3	09/08/03	10.1	9.0	2.0	29-Dec	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	8.2	6.9	9.0	2007	1.5	1963	3.8	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	7.8	6.5	9.0	1990	1.5	1986	4.0	3.8	4.7	2008	3.0	1986
MAR	8.6	7.8	10.3	1957	4.4	1962	4.5	4.4	6.4	1953	3.7	1964,81,88
APR	10.5	9.2	11.7	2007	6.4	1986	4.5	5.0	7.1	2011	3.7	1994
MAY	12.3	12.1	13.9	1989	9.9	1984	5.1	5.7	7.3	1989	4.6	1981
JUN	15.5	14.5	16.7	1976	11.3	1972	6.3	5.8	8.3	1976	4.1	1977
JUL	17.9	16.6	19.4	1983	13.8	1954	5.7	6.0	7.9	1983	4.4	1954
AUG	16.3	17.0	19.3	2003	14.3	1956	4.6	5.8	7.3	1955	4.3	1958
SEP	17.2	15.5	17.5	1949	12.8	1986	5.4	5.0	6.1	1961	3.6	1967
OCT	14.6	13.0	15.2	2001	9.6	1974	4.0	4.1	5.1	1947	3.5	1968
NOV	11.2	10.0	12.0	1994	7.7	1993	3.5	3.7	4.9	1969	2.8	1994
DEC	8.6	7.8	10.1	1953	4.4	2010	3.4	3.6	4.5	1968	2.8	1987
YEAR	12.4	11.4	12.1	1989/03,'06	9.6	1963	4.6	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2014	DATE	RECORD LOWEST	DATE	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	-1.8	21st	-10.0	29/1947	0	1.6	16	1963	6	7.1	20	1985
FEB	0.0	12th	-11.1	12/1978	0	1.9	18	1986	0	8.5	24	1956
MAR	-2.3	24th	-9.4	3/1965	0	0.3	4	1947	5	6.8	18	1955
APR	-0.7	10th	-7.0	5/1990	0	0.0	1	1978,86	1	4.7	10	1984
MAY	2.8	4th	-5.6	5/1979	0	0.0	--		0	1.5	9	1979
JUN	6.6	18th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	9.5	14th	1.0	Jul-96	0	0.0	--		0	0.0	--	
AUG	6.4	24th	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	6.0	25th	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	5.6	5th	-4.0	30/1983	0	0.0	--		0	1.0	6	1992
NOV	1.7	6th	-5.6	29/1987	0	0.1	2	2010	0	3.3	9	1988
DEC	-4.3	29th	-8.9	29/1964,27/1995	0	0.5	5	1970	7	6.2	13	2010
YEAR	-4.3	29-Dec	-11.1	12/02/1978	0	4.5	31	1963	19	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	4	6.5	13	1955,82	2	1963,67,72,74,92	2	0.6	4	1979,98
FEB	3	6.6	15	1979	0	1969	2	0.6	3	1957,89
MAR	6	8.5	16	1960,94	0	1968,73	0	0.5	4	1958,67,82,87,95
APR	5	6.7	16	1963	2	1976,90	0	0.8	4	1981,95
MAY	5	7.7	19	1964	2	1988	0	1.1	4	1950,71
JUN	2	9.3	18	1965	1	1975	1	1.4	6	1982
JUL	8	10.0	20	1972,78	3	2008	1	1.4	5	1982,94
AUG	6	9.2	21	1997	2	1976	0	1.2	5	1974
SEP	6	5.4	15	1987	0	1952,53,72	3	0.8	10	1976
OCT	7	4.1	17	1986	0	-	4	1.3	5	1964
NOV	2	3.3	14	1992	0	-	3	0.9	4	1969
DEC	1	4.5	11	1995	0	1947,64,75	0	1.0	4	1976,93
YEAR	55	81.7	115	1994	52	2008	16	11.6	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	0	2.8	12	1963,85	7	5.1	13	1984,85	0	1955,64,70,92,93
FEB	0	4.0	18	1956	18 *	4.8	13	1988, 2010	0	-
MAR	0	1.3	10	1962,70	6	3.9	10	2008	0	-
APR	0	0.6	4	1970	0	2.6	10	1994	0	-
MAY	0	0.0	3	1979	0	0.6	3	1955,82	0	-
JUN	0	0.0	-	-	0	0.1	1	1986,87	0	-
JUL	0	0.0	-	-	1	0.1	1	1971,87,94	0	-
AUG	0	0.0	-	-	0	0.1	1	-	0	-
SEP	0	0.0	-	-	0	0.3	2	1973,74,84	0	-
OCT	0	0.0	-	-	1	1.6	7	1992	0	-
NOV	0	0.5	6	2010	1	3.8	11	2000	0	1948,55,83,94,95
DEC	0	1.7	10	2010	3	4.7	13	2009	0	1964,68,75
YEAR	0	11.0	33	2010	37	27.7	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2014	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2014	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	28	31	1948	4	1992	21	28	1948	3	1992
FEB	25	26	1970,95	2	1959	23	23	1951	1	1965
MAR	12	27	1979	3	1961	10	21	1947	1	1961
APR	16	21	1983	2	2011	13	18	1966	1	1976,'80,'11
MAY	14	26	1981	2	1989	11	19	1981	1	1989
JUN	5	21	1991	3	1975,76	2	14	1987,91	0	1976
JUL	8	20	1960,07	3	1999	4	15	1950,07	1	1999
AUG	18	21	1963	1	1976	12	18	1992	1	1955,76
SEP	4	23	1950,52	4	1959,97	1	21	1950	2	1959,97
OCT	22	28	1981	5	1965,78	16	24	1981	1	1978
NOV	23	28	2009	8	1978	19	26	2009	5	1988
DEC	21	28	1993	8	1991	16	26	1959	5	1991
YEAR	196	212	1960	138	1971	148	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2014	AVERAGE 1981-2010	2014	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2014	DATE	RECORD HIGHEST	DATE
JAN	14.7	14.2	1	2.1	11	1984	58	3rd	77	25/1990
FEB	18.0	13.1	8	1.1	10	1990	61	14th	69	9/1988,11/1990
MAR	10.1	12.3	0	0.6	6	1980	42	3rd	70	10/1982
APR	8.9	11.4	0	0.2	2	1964,72,83,94	34	26th	60	9/1994
MAY	10.3	10.9	0	0.2	2	2007	44	10th	58	19/1996
JUN	7.9	10.1	0	0.0	0	-	33	4th	51	16/1965
JUL	8.4	10.2	0	0.0	1	1956,69	33	19th	63	31/1983
AUG	10.3	9.7	0	0.0	1	1956,61,86	43	10th	52	26/1986
SEP	7.3 *	10.8	0	0.1	2	1953,65,74,83	27	17th	60	29/1962
OCT	11.1	12.4	0	0.9	4	1967,76	44	21st	81	16/1987
NOV	11.4	13.0	0	0.8	8	1977	47	13th	73	23/1984
DEC	13.4	13.7	0	1.8	9	1979	53	11th	83	15/1979
YEAR	11.0	11.8	9	7.8	20	1972	61	14-Feb	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

2014

MONTH	DIRECTION RANGE		350	020	050	080	110	140	170	200	230	260	290	320	SPEED ONLY
	SPEED RANGE		-010	-040	-070	-100	-130	-160	-190	-220	-250	-280	-310	-340	
JAN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.495
	4-10	knots	1.5	0.4	0.1	0.5	0.8	0.1	2.6	6.2	3.4	3.2	5.1	1.9	25.8
	11-21	knots				0.7	7.4	11.7	19.1	6.5	5.2	5.8			56.3
	22-33	knots		0.1			0.3	2.8	4.6	0.1	3.8				14.2
	≥34	knots							0.1						0.1
	DIRECTION ONLY		1.5	0.5	0.1	0.5	1.5	7.8	17.1	29.8	12.6	12.2	10.9	1.9	
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	0.3
	4-10	knots						4.3	1.3	4.5	2.1	0.3	0.1		12.7
	11-21	knots				0.1	7.6	15.1	14.2	13.0	8.8	1.5	1.9		62.1
	22-33	knots				0.3	2.4	4.8	3.4	10.3	1.5	0.1	0.3		23.1
	≥34	knots					0.4	0.6	0.6	0.6		0.1	0.1		1.8
	DIRECTION ONLY					0.4	10.4	24.1	19.5	28.3	12.4	1.9	2.5		
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.9
	4-10	knots	2.2	5.1	2.8	3.0	6.5	4.4	2.3	3.6	2.0	6.3	6.0	1.9	46.1
	11-21	knots	0.3	2.6	1.9	0.3	5.2	6.3	3.5	5.6	5.0	8.5	5.5	1.2	45.8
	22-33	knots					0.1								0.1
	≥34	knots													
	DIRECTION ONLY		2.4	7.7	4.7	3.2	11.7	10.9	5.8	9.3	7.0	14.8	11.6	3.1	
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.6
	4-10	knots	5.6	3.2	5.0	2.5	2.2	6.7	5.1	4.0	3.8	6.1	6.1	8.6	58.9
	11-21	knots	0.8	0.3	1.9	5.3	3.2	1.8	7.1	2.5	1.9	6.3	1.4	0.8	33.3
	22-33	knots					0.1								0.1
	≥34	knots													
	DIRECTION ONLY		6.4	3.5	6.9	7.8	5.4	8.6	12.2	6.5	5.7	12.4	7.5	9.4	
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.2
	4-10	knots	3.9	7.3	9.2	3.2	4.9	5.1	1.5	3.5	1.9	4.7	7.8	5.0	58.0
	11-21	knots		0.1	1.6	0.4	1.3	1.3	1.8	5.1	11.3	9.0	2.7		34.8
	22-33	knots							0.3	3.2	0.5				4.0
	≥34	knots													
	DIRECTION ONLY		3.9	7.4	10.8	3.6	6.2	6.5	3.2	8.9	16.4	14.3	10.5	5.0	
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.4
	4-10	knots	7.1	12.5	8.1	5.7	3.9	2.5	5.0	7.4	7.8	5.1	4.3	6.7	76.0
	11-21	knots		3.5	4.3	2.4	0.6		0.4	1.1	2.5	2.4	1.0	0.1	18.2
	22-33	knots									0.4				0.4
	≥34	knots													
	DIRECTION ONLY		7.1	16.0	12.4	8.1	4.4	2.5	5.4	8.5	10.3	7.9	5.3	6.8	
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.7
	4-10	knots	3.8	5.6	6.2	2.0	0.7	0.8	2.2	5.2	6.3	7.3	12.5	12.5	65.1
	11-21	knots	0.1	0.4	3.4	0.5	0.1		0.1	2.0	7.5	5.0	4.7	4.3	28.2
	22-33	knots													
	≥34	knots													
	DIRECTION ONLY		3.9	6.0	9.5	2.6	0.8	0.8	2.3	7.3	13.8	12.2	17.2	16.8	
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.3
	4-10	knots	0.3			0.1	0.5	4.7	3.4	4.4	5.1	8.6	12.4	6.5	46.0
	11-21	knots						1.6	2.4	3.0	24.8	11.7	2.3		45.8
	22-33	knots								0.3	0.7				0.9
	≥34	knots													
	DIRECTION ONLY		0.3	0	0	0.1	0.5	6.3	5.8	7.4	30.1	21.0	14.7	6.5	
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	12.4
	4-10	knots	1.3	10.8	22.4	9.9	4.9	3.1	1.9	2.9	5.3	3.3	0.7	2.1	68.5
	11-21	knots		1.1	11.1	3.8	0.1	0	0	0.6	0.8	1.3	0.4		19.2
	22-33	knots													
	≥34	knots													
	DIRECTION ONLY		1.3	11.9	33.5	13.6	5.0	3.1	1.9	3.5	6.1	4.6	1.1	2.1	
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.2
	4-10	knots		0.9	0.5	0.5	1.3	8.2	6.3	7.5	4.0	3.8	1.9	1.9	37.0
	11-21	knots		0.7	1.3			9.8	5.5	13.0	11.6	4.0	3.4	1.3	50.7
	22-33	knots						0.7	0.3	0.9	0.9	0.3	1.1		4.2
	≥34	knots													
	DIRECTION ONLY			1.6	1.9	0.5	1.3	18.7	12.1	21.5	16.5	8.1	6.3	3.2	
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.5
	4-10	knots	6.0	3.2	2.5	4.2	4.3	3.6	2.4	2.2	2.8	2.4	1.5	4.3	39.3
	11-21	knots	1.7	0.1	3.3	3.9	5.3	9.0	7.2	10.1	4.9	0.8	1.1	1.1	48.6
	22-33	knots						3.2	0.4	0.4	1.4	0.1			5.6
	≥34	knots													
	DIRECTION ONLY		7.6	3.3	5.8	8.1	9.6	15.8	10.0	12.8	9.0	3.3	2.6	5.4	
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.4
	4-10	knots	5.8	2.3	0.5	0.8	0.7	0.1	1.3	1.7	2.7	2.0	4.6	7.3	29.8
	11-21	knots	5.5	4.6	0.9				3.0	6.9	9.0	7.1	6.2	5.5	48.7
	22-33	knots								1.5	6.3	5.4	0.5	0.4	14.1
	≥34	knots													
	DIRECTION ONLY		11.3	6.9	1.5	0.8	0.7	0.1	4.3	10.1	18.0	14.5	11.3	13.2	
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.4
	4-10	knots	3.1	4.3	4.8	2.7	2.6	3.3	3.2	4.2	4.1	4.6	5.3	4.9	47.1
	11-21	knots	0.7	1.1	2.5	1.4	1.4	3.7	4.7	6.9	8.2	5.8	3.0	1.4	40.9
	22-33	knots						0.5	0.7	0.9	2.0	1.1	0.1		5.5
	≥34	knots						0.03	0.1	0.1	0.06			0.01	0.1485
	DIRECTION ONLY		5.0	6.1	7.8	4.5	4.2	8.1	8.8	12.6	14.8	11.8	9.1	7.3	

GUERNSEY AIRPORT MET OFFICE 2014

Days and Number of Hours with FOG (Vis <1000m) During Flying Hours

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1				2.0		0.5				0.5			
2						3.0							
3				0.5									
4							1.0						
5	1.0												
6		0.5											
7			3.0	0.5									
8					4.0								
9													
10													
11								0.5					
12			0.5				1.5						
13			15.0				1.0						
14			8.5										
15							1.5			0.5			
16	11.5												
17													
18													
19													
20		0.5							4.5				
21													
22													
23				4.0									
24										0.5		1.0	
25								0.5					
26									0.5				
27							2.0						
28													
29					4.5								
30					0.5								
31													
Tot Hrs	12.5	1.0	27.0	7.0	9.0	3.5	7.0	1.0	5.0	1.5	0.0	1.0	75.5
Tot Days	2	2	4	4	3	2	5	2	2	3	0	1	30

Averages for Period 1991-2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	18.3	20.8	28.9	20.0	22.5	21.1	27.6	21.1	10.2	6.3	7.5	9.4	213.5
Days	4.5	5.0	7.6	6.2	6.8	7.1	8.4	7.5	3.4	2.8	2.7	3.4	65.1

GUERNSEY AIRPORT MET OFFICE 2014

Days and Number of Hours with RVR<600m During Flying Hours

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1				2.0									
2						2.5							
3													
4							1.0						
5	0.5												
6													
7			3.0										
8					3.0								
9													
10													
11													
12													
13			12.5										
14			5.5										
15													
16													
17													
18													
19													
20									3.5				
21													
22													
23													
24	7.5									0.5			
25													
26													
27							0.5						
28													
29					0.5								
30					0.5								
31													
Tot Hrs	8.0	0.0	21.0	2.0	4.0	2.5	1.5	0.0	3.5	0.5	0.0	0.0	43.0
Tot Days	2	0	3	1	3	1	2	0	1	1	0	0	14

Averages for Period 1991-2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	9.2	8.8	12.6	9.9	11.4	9.5	12.3	9.2	3.6	1.6	2.7	3.5	94.2
Days	2.7	2.4	4.3	3.7	4.1	4.1	5.1	4.7	1.5	1.1	1.3	1.6	36.3

REPORT FOR ROCQUAINE

MONTH	TEMPERATURE °C						RAINFALL mm			MEAN RH% AT 9 a.m.	CLOUD OKTAS AT 9a.m.
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE		
JAN	11.0	13.1	5th	7.4	3.2	31st	176.3	18.3	28th	84.1	5.8
FEB	10.7	13.1	14th,23rd	7.1	5.3	12th,14th	171.0	42.1 *	6th	82.4	5.2
MAR	12.5	17.6	30th	7.0	2.8	27th	62.3	13.6	20th	81.8	5.1
APR	14.3	19.7	1st	8.9	5.4	19th	70.3	13.4	26th	84.4	4.8
MAY	16.4	22.7	18th	10.3	5.7	4th	86.3	41.3	22nd	83.8	5.6
JUN	20.0	24.9	6th	12.6	10.4	18th	24.3	14.2	3rd	76.2	4.0
JUL	22.0	26.0	17th	15.4	13.6	8th	12.6	6.9	4th	80.1	4.2
AUG	19.9	23.3	5th	14.8	11.7	21st,24th	91.0	21.7	5th	82.9	4.9
SEP	21.6	25.3	16th	14.4	9.9	23rd	36.5	34.8	17th	83.8	4.8
OCT	17.6	21.0	2nd	13.5	10.1	7th	151.0	64.3 *	12th	86.7	5.7
NOV	13.6	17.1	1st	10.0	5.7	24th	141.8	15.4	6th	86.9	6.1
DEC	11.1	13.2	22nd	8.0	2.0	29th	78.9	10.8	18th	80.0	6.2
YEAR	15.9	26.0	17-Jul	10.8	2.0	29-Dec	1102.3 *	64.3	12-Oct	82.8	5.2

* NEW RECORD

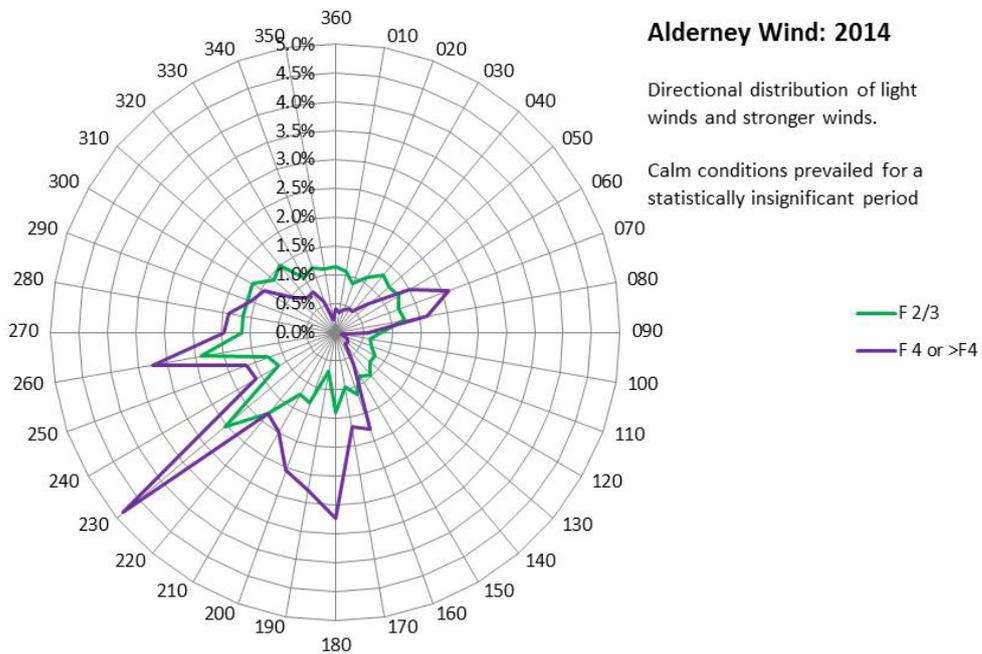
REPORT FOR LIHOU

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN							166.0	19.1	1st
FEB	10.1	12.1	23rd	6.7	4.9	13th	171.7	40.8	6th
MAR	11.3	16.8	30th	7.1	4.1	27th	59.7	11.7	28th
APR	12.9	17.6	1st	8.9	7.2	15th	68.3	16.5	20th
MAY	14.6	21.3	18th	10.3	6.3	4th	76.6	26.7	23rd
JUN	18.1	24.0	6th	12.9	10.3	4th	20.7	9.0	3rd
JUL	19.8	23.1	18th	15.7	14.4	17th	17.5	4.8	5th
AUG	18.9	22.9	5th	15.3	13.5	24th	75.2	16.7	25th
SEP	19.9	24.4	16th	15.7	12.2	23rd	27.5	25.5	18th
OCT	17.2	20.8	2nd	13.9	10.8	7th	144.1	37.4	12th
NOV	13.7	16.7	1st	10.8	8.9	3rd	131.3	16.7	23rd
DEC	11.2	12.9	17th,22nd	8.6	4.4	29th	70.1	9.2	12th
YEAR							1028.7	40.8	06-Feb

Due to instrument problems there was limited data in January

REPORT FOR SARK - 2014

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	
JAN	10.4	13.0	7th	6.4	3.3	27th	204.2	24.3	31st	70.8
FEB	10.4	12.5	24th	5.4	3.7	12th	144.7	15.4	12th	109.3
MAR	11.9	16.0	31st	6.4	3.1	27th	47.1	14.4	20th	167.9
APR	13.8	17.4	16th	8.3	6.3	20th	82.0	23.3	26th	193.2
MAY	16.1	22.0	18th	9.8	7.3	4th	75.8	21.7	22nd	238.7
JUN	19.4	24.5	8th	12.3	9.2	1st,5th	24.2	9.2	3rd	321.6
JUL	21.7	26.0	18th	14.9	12.2	8th	24.9	11.7	4th	325.1
AUG	20.4	23.7	5th	14.0	10.7	21st	58.9	12.5	25th	245.8
SEP	20.7	24.4	16th	14.9	12.0	23rd,24th	13.8	8.2	18th	236.7
OCT	17.7	21.9	2nd	12.9	9.2	7th	99.8	35.1	12th	136.7
NOV	13.4	17.6	1st	9.4	7.7	25th	165.6	15.4	14th	68.5
DEC	10.7	12.8	19th	7.2	3.3	29th	89.1	17.4	18th	46.5
YEAR	15.6	26.0	18-Jul	10.2	3.1	27-Mar	1030.1	35.1	12-Oct	2160.8



METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JANUARY 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm				9a.m.	9a.m.
WED	1	994.5	11.3	8.3	9.8	3.7	8.2	<u>9.7</u>	160	<u>29</u>	22.2	46	15.7	NIL	Shwrs early bec rain. Mod rain, tempo hvy rain	
THU	2	998.9	10.9	7.6	9.3	5.8	8.6	9.6	240	18	19.0	38	4.1	2.6	Shwrs. Tempo hvy shwr early. Ocnl fair am. Hvy rain evng	
FRI	3	998.1	11.4	5.7	8.6	7.2	8.9	9.6	220	24	<u>24.0</u>	<u>58</u>	12.1	1.2	Mainly cloudy. Squally shwrs. Tempo gales. T&L pm, tempo hail	
SAT	4	991.0	9.9	5.7	7.8	6.4	8.6	9.6	210	20	17.1	37	2.7	0.1	Cloudy. Hvy shwrs early bec rain. Shwrs pm	
SUN	5	1004.5	12.0	4.7	8.4	3.2	8.0	9.6	170	12	15.6	38	12.9	NIL	Fair bec cldy. Rain late am. Mod drzl/rain pm bec drzl. Mist. Fog patch	
MON	6	997.4	<u>12.4</u>	<u>10.4</u>	<u>11.4</u>	<u>8.6</u>	8.7	9.5	220	<u>26</u>	21.0	44	0.5	4.6	Hvy rain early. Cloudy bec fair or fine. Fair pm. Tempo shwrs evng	
TUE	7	1005.5	12.0	8.4	10.2	7.6	8.9	9.6	200	22	17.9	33	6.2	2.7	Cloudy, ocnl fair. Slit shwrs mid am. Hvy rain evng	
WED	8	1016.3	11.5	8.4	10.0	7.1	8.9	9.5	180	10	14.1	28	0.1	0.1	Ocnl fair early. Slit rain midday & evng	
THU	9	1009.5	11.5	7.0	9.3	8.0	<u>9.2</u>	9.6	270	22	17.3	42	0.7	4.7	Fair bec cloudy. Shwry rain am. Fair or fine late am. Hail shwr evng	
FRI	10	1017.2	10.4	6.8	8.6	1.8	8.7	9.6	210	11	10.0	21	0.2	6.2	Shwrs early then mainly fair. Cloudy late	
SAT	11	<u>1020.2</u>	9.5	5.1	7.3	3.3	8.7	<u>9.7</u>	350	07	8.1	18	NIL	<u>7.9</u>	Cloudy, drzl/rain mid am bec fine. Dew later	
SUN	12	1017.8	10.4	5.9	8.2	-0.4	8.2	9.6	160	18	17.0	40	5.8	0.2	Fine, dew bec cloudy tempo mist or haze. Tempo hvy rain evng	
MON	13	1009.5	9.8	6.1	8.0	4.1	8.3	9.6	200	17	15.1	32	2.4	4.2	Hvy shwrs early bec fair or fine. Cloudy pm. Hvy shwrs evng, hail	
TUE	14	1007.5	8.9	4.5	6.7	1.6	7.9	9.5	310	05	11.3	26	0.5	5.0	Shwrs early, small hail bec fair or fine. Bec cloudy pm. Rain/drzl	
WED	15	1002.7	10.9	8.2	9.6	6.3	8.4	9.5	200	14	14.8	32	1.1	0.1	Ocnl drzl am. Tempo mist. Ocnl rain/drzl pm	
THU	16	992.4	10.4	7.3	8.9	5.6	8.6	9.5	190	17	19.8	42	5.3	4.3	Slit shwr early bec fine. Shwrs pm. Tempo hvy shwrs later	
FRI	17	992.2	9.5	7.6	8.6	5.0	8.4	9.5	200	16	15.1	30	0.7	0.2	Fair or fine bec cloudy. Tempo slit rain	
SAT	18	988.7	9.5	7.7	8.6	6.1	8.6	9.5	150	16	15.9	32	4.1	1.1	Cloudy. Tempo slit rain. Tempo fair am. Shwrs midday. Hvy shwr	
SUN	19	996.4	8.8	4.6	6.7	-0.3	8.2	9.5	240	07	8.1	17	0.8	7.1	Shwr early bec fair or fine. Ocnl cloudy late, slit shwr	
MON	20	1007.6	8.8	5.0	6.9	0.4	7.8	9.5	290	08	6.3	19	0.7	6.3	Fair or fine. Tempo cloudy am, shwrs	
TUE	21	1011.7	8.3	4.7	6.5	<u>-1.8</u>	7.3	9.3	170	11	13.2	31	7.7	0.8	Fine bec cloudy, Rain/drzl by evng. Tempo hvy rain	
WED	22	1007.5	10.6	7.5	9.1	4.7	7.8	9.2	270	08	9.8	21	1.6	4.1	Shwrs early bec fair. Slit shwrs late am/early pm	
THU	23	1015.8	10.1	7.2	8.7	3.8	7.9	9.2	290	17	13.8	35	14.7	0.4	Fair or fine bec cloudy. Shwrs. Slit rain late evng	
FRI	24	1013.0	10.8	7.0	8.9	5.5	8.0	9.1	240	12	10.4	25	6.1	NIL	Rain bec mod rain. Mist/fog. Ocnl rain pm	
SAT	25	1018.8	10.7	9.2	10.0	7.3	8.7	9.1	270	11	15.5	38	0.1	1.4	Cloudy. Drzl/fog early. Tempo fair	
SUN	26	1008.6	10.9	3.5	7.2	4.7	8.4	9.2	180	19	19.5	57	9.0	0.6	Cldy. Rain mid am. Mod rain. Drzl/rain/fog early pm. Shwrs, hail later	
MON	27	996.5	7.9	<u>3.3</u>	<u>5.6</u>	1.2	7.9	9.2	270	17	21.9	52	6.6	0.6	Mainly cloudy. Shwrs rain/hail. T&L mid am	
TUE	28	<u>987.7</u>	8.4	4.7	6.6	3.4	7.7	9.2	250	20	16.9	41	<u>18.5</u>	NIL	Cloudy, slit shwrs bec freq shwrs rain/hail	
WED	29	991.1	8.6	4.7	6.7	-0.4	7.2	9.0	330	09	4.9	15	3.3	3.4	Fair. Ocnl cloudy am, shwrs	
THU	30	1001.7	<u>7.7</u>	4.0	5.9	-0.8	7.0	<u>8.9</u>	040	<u>02</u>	<u>3.4</u>	11	4.6	1.2	Fair bec cloudy. Shwrs. Hvy shwr early pm	
FRI	31	1003.1	9.9	<u>3.3</u>	6.6	-1.2	<u>6.8</u>	<u>8.9</u>	180	14	16.1	41	16.3	NIL	Fine, dew bec cloudy. Rain late am. Mod/hvy rain pm. Drzl/rain evng	
MEAN		1004.0	10.1	6.3	8.2	3.8	8.2	9.4	S	14.8	14.7	TOTAL	165.1	71.1		
30 YEAR AVE. 1981-2010		1017.9	8.7	5.0	6.9	2.8	6.9	8.2	SW	14.0	14.2	////	92.5	61.0		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		28	21	0	7	2	4	0	6	4	1	1	5			
RECORDS FROM JANUARY 1947													RAINFALL	165.1 mm	SUNSHINE	71.1 hrs
WETTEST DAY DAY/YEAR	35.8mm 11th/2001	DRIEST MONTH YEAR	15.4mm 1992	LOWEST MIN DAY/YEAR	-7.8°C 20th/1963	WARMEST MNTH YEAR	9.0°C 2007	SUNNIEST MNTH YEAR	112.8hrs 1998	RAIN DAYS	28	SUNLESS DAYS	5			
WETTEST MNTH YEAR	210.0mm 2001	HIGHEST MAX DAY/YEAR	13.3°C 4th/48,9th/07	LOWEST GRASS DAY/YEAR	-10.0°C 29th/1947	COLDEST MONTH YEAR	1.5°C 1963	DULLEST MNTH YEAR	26.0hrs 1966							

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT FEBRUARY 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm				9a.m.	9a.m.
SAT	1	994.2	10.2	5.0	7.6	2.5	7.2	8.7	250	22	23.5	45	1.2	4.5	Rain early bec fair. Shwrs, small hail	
SUN	2	1008.9	9.4	5.4	7.4	3.1	7.0	8.6	280	11	14.6	35	1.1	4.9	Fair ocnl cloudy. Shwrs, small hail. Hvy shwr late am	
MON	3	1001.1	8.0	5.1	6.6	3.0	7.0	8.6	140	23	18.5	35	3.6	NIL	Fine bec cloudy. Rain by evng. Shwrs later	
TUE	4	1001.2	8.3	4.9	6.6	1.9	6.9	8.5	180	15	22.2	56	0.9	5.3	Fair or fine am. Bec cloudy pm. Slit rain & gales evng	
WED	5	979.5	10.4	6.6	8.5	4.0	7.2	8.5	190	28	28.1	54	9.9	0.9	Shwrs. T&L early pm. Hvy shwrs, small hail. Tempo gale pm	
THU	6	995.1	10.5	6.5	8.5	4.0	7.3	8.4	150	19	17.4	41	33.1	NIL	Shwrs early bec rain. Mod/hvy rain. Tempo fog early pm. Slit rain evng	
FRI	7	998.0	10.6	6.2	8.4	4.4	7.6	8.4	270	20	21.8	51	5.9	6.3	Rain early then shwrs, small hail. Gale early. Bec fair. Hvy rain late	
SAT	8	983.0	9.9	5.0	7.5	4.2	7.7	8.4	210	29	27.3	54	5.2	5.0	Hvy rein early bec shwrs. Small hail. Gale. Ocnl fair. Lghtng late	
SUN	9	991.6	8.5	3.6	6.1	0.6	7.1	8.4	250	28	22.7	55	1.9	4.9	Shwrs, small hail. Tempo gale. Ocnl fair. Slit rain late	
MON	10	992.4	8.8	4.8	6.8	1.8	7.0	8.4	240	07	12.5	33	1.0	6.4	Slit rain early then shwrs. Small hail. Bec fair. Fine late	
TUE	11	994.3	9.4	4.1	6.8	2.9	7.2	8.4	190	28	18.8	47	12.9	4.2	Bec cloudy. Rain, ocnl hvy rain. Fair pm, shwrs. Small hail	
WED	12	999.4	9.5	3.6	6.6	0.0	7.1	8.4	170	27	24.7	58	9.6	0.6	Hvy rain/hail shwr early. Hvy rain & gale early pm. Shwrs evng	
THU	13	992.5	8.0	3.4	5.7	3.4	6.9	8.4	270	19	16.9	47	10.1	2.8	Mainly cloudy, shwrs. Small hail pm. Bec fair. Cloudy later	
FRI	14	990.3	12.3	4.5	8.4	2.9	6.9	8.3	140	25	25.8	61	10.9	0.1	Hvy rain mid am bec hvy drzl/rain. Mist. Shwrs & gales evng	
SAT	15	994.2	9.9	5.9	7.9	4.9	7.3	8.2	230	26	23.4	54	9.6	2.0	Gales early. Shwrs, tempo small hail. Hvy shwr early pm. Fair late	
SUN	16	1010.0	9.3	6.0	7.7	1.6	7.1	8.2	190	06	8.4	23	TR	7.2	Shwrs early, small hail bec fair or fine. Ocnl cloudy evng	
MON	17	1006.3	9.4	7.6	8.5	2.4	7.4	8.2	160	20	16.8	29	1.0	0.3	Cloudy. Tempo slit rain. Rain evng. Fair late	
TUE	18	1009.4	10.6	8.0	9.3	5.7	7.7	8.2	200	11	9.7	20	5.3	6.2	Fair, tempo cloudy. Shwr mid am. Hvy shwr late evng	
WED	19	1015.4	10.1	7.3	8.7	4.2	7.9	8.2	260	06	9.9	20	1.0	0.6	Mainly cloudy, tempo drzl pm	
THU	20	1003.2	11.0	5.7	8.4	8.6	8.4	8.3	190	12	15.1	36	6.1	4.1	Drzl early bec drzl/rain. Tempo fog. Fair pm. Shwrs, small hail	
FRI	21	1008.9	8.7	4.7	6.7	0.5	8.0	8.4	260	17	17.6	34	5.4	7.3	Shwrs, tempo hvy hail shwr. Bec fair. Slit T&L later, shwrs	
SAT	22	1012.1	10.3	6.5	8.4	5.0	8.0	8.5	230	08	12.8	32	0.1	6.6	Hvy shwr early, small hail. Lghtng. Bec fair or fine. Fair pm bec cloudy	
SUN	23	1012.2	11.5	8.6	10.1	6.3	8.3	8.5	170	18	15.9	29	NIL	2.5	Cloudy, slit rain early. Fair late am/early pm	
MON	24	1006.7	11.1	7.6	9.4	4.1	8.3	8.6	180	11	12.1	34	4.0	3.0	Fair bec fine. Cloudy late am. Slit shwr. Rain late evng	
TUE	25	1000.7	9.4	6.7	8.1	5.3	8.4	8.6	200	16	15.6	34	2.1	4.8	Hvy rain early. Ocnl fair, slit shwrs am. Shwrs pm, small hail	
WED	26	1016.1	9.8	5.6	7.7	1.6	8.1	8.7	280	14	12.5	28	4.0	7.8	Fair or fine, tempo cloudy early, shwrs. Cloudy late evng. Rain late	
THU	27	1011.2	10.5	6.9	8.7	4.4	8.3	8.7	260	16	19.1	37	8.1	6.7	Rain or drzl bec fair. Shwrs, small hail pm. Cloudy later, rain	
FRI	28	989.0	8.2	5.3	6.7	3.2	8.0	8.7	250	19	19.8	39	0.3	2.2	Hvy rain bec shwrs. Small hail. Ocnl fair	
MEAN		1000.6	9.8	5.8	7.8	3.4	7.5	8.4	S	17.9	18.0	TOTAL	154.3	107.2		
30 YEAR AVE. 1981-2010		1018.0	8.4	4.6	6.5	2.2	6.6	7.6	SW	13.0	13.1	////	70.2	85.8		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		25	23	0	18	2	8	0	0	3	0	8	2			
RECORDS FROM JANUARY 1947													RAINFALL	319.4 mm	SUNSHINE	178.3 hrs
WETTEST DAY	59.0mm	DRIEST MONTH	4.8mm	LOWEST MIN	-7.2°C	WARMEST MNTH	9.0°C	SUNNIEST MNTH	143.9	RAIN DAYS	53	SUNLESS DAYS	7			
DAY/YEAR	18th/1978	YEAR	1965	DAY/YEAR	21st/48,7th/91	YEAR	1990	YEAR	2008	WET DAYS	44					
WETTEST MNTH	182.8mm	HIGHEST MAX	15.0°C	LOWEST GRASS	-11.1°C	COLDEST MNTH	1.5°C	DULLEST MNTH	36.1hrs							
YEAR	1978	DAY/YEAR	29th/1948	DAY/YEAR	12th/1978	YEAR	1986	YEAR	1976							

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MARCH 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
SAT	1	1004.3	9.1	4.9	7.0	0.5	7.7	8.7	240	<u>01</u>	5.5	19	TR	2.5	Fair or fine bec cloudy. Ocnl fair early pm. Slt shwr evng		
SUN	2	1000.3	9.1	5.9	7.5	3.5	8.0	8.7	180	12	15.3	35	12.0	NIL	Slt shwrs am bec rain pm. Hvy rain evng. Shwrs later		
MON	3	<u>982.8</u>	<u>7.6</u>	3.2	<u>5.4</u>	3.0	7.9	8.7	210	17	15.6	<u>42</u>	3.3	2.0	Shwrs. Lghtng mid am. Tempo hvy shw late am. Tempo fair pm		
TUE	4	1005.9	9.3	6.6	8.0	3.2	7.7	<u>8.6</u>	280	10	8.0	29	0.2	3.5	Fine bec cloudy. Ocnl fair. Slt shwrs. Slt rain evng		
WED	5	1021.5	11.9	4.9	8.4	-2.1	<u>7.6</u>	<u>8.6</u>	040	<u>02</u>	<u>4.0</u>	12	NIL	9.9	Fine, dew. Shallow fog mid am. Ocnl fair. Tempo cloudy evng		
THU	6	1026.8	10.8	5.9	8.4	-1.6	8.1	<u>8.6</u>	190	10	6.5	18	TR	9.4	Fine, dew bec fair pm. Fine late		
FRI	7	1024.6	10.8	7.1	9.0	0.1	8.2	<u>8.6</u>	210	10	9.3	20	TR	1.3	Fine bec cldy. Slt drzl. Tempo fog late am. Fog patches. Thick fog		
SAT	8	1025.5	13.9	7.5	10.7	4.5	8.5	8.7	140	13	12.3	21	NIL	10.3	Thick fog early bec fair. Fine pm		
SUN	9	1022.2	15.0	8.3	11.7	5.1	8.5	8.7	140	13	11.1	22	NIL	<u>10.6</u>	Fine. Tempo dry air pm		
MON	10	1027.0	12.5	7.8	10.2	-0.2	8.8	8.8	010	09	8.5	25	NIL	9.2	Fine, dew. Bec fair. Haze evnrg. Cloudy later		
TUE	11	1031.8	9.8	7.1	8.5	6.7	9.2	9.0	060	12	13.1	28	TR	NIL	Cloudy, haze. Tempo slt drzl am		
WED	12	1031.3	12.2	7.2	9.7	6.1	9.0	9.0	050	07	8.2	20	TR	7.0	Cloudy, haze or mist. Fog patch mid am. Fair pm. Haze, mist later		
THU	13	1029.8	11.3	5.0	8.2	0.5	9.2	9.0	100	04	4.3	12	TR(fog)	2.6	Fine, mist & dew bec thick fog. Fair early pm, fog patches. Fog		
FRI	14	1030.3	7.8	5.7	6.8	6.2	9.6	9.0	260	04	6.1	18	NIL	NIL	Thick fog until late am. Fog early pm bec mist		
SAT	15	<u>1032.3</u>	11.0	6.4	8.7	2.9	9.3	9.1	280	09	11.7	27	TR(dew)	4.3	Cloudy, mist. Tempo fair mid am. Bec fair pm. Dew later		
SUN	16	1028.8	11.1	7.7	9.4	5.2	9.2	9.3	270	11	13.1	23	TR	6.3	Fine, dew. Fair late am. Bec cloudy pm. Slt drl & mist late evng		
MON	17	1025.5	9.5	7.8	8.7	7.7	9.5	9.3	290	05	6.4	17	TR	NIL	Cloudy, slt drzl & mist early		
TUE	18	1021.4	11.4	7.6	9.5	5.2	9.7	9.3	270	12	13.0	30	TR(dew)	4.7	Cloudy, slt rain early. Bec ocnl fair. Mist later		
WED	19	1028.3	11.0	7.8	9.4	4.7	9.7	9.4	240	11	9.5	19	NIL	3.3	Fine, mist & dew bec cloudy. Ocnl fair or fine pm		
THU	20	1013.8	11.5	7.3	9.4	4.8	9.7	<u>9.5</u>	210	10	11.8	23	<u>13.5</u>	3.5	Fog early bec fine then mainly cloudy. Rain evng bec mod rain		
FRI	21	1011.9	10.5	5.8	8.2	3.3	9.7	<u>9.5</u>	260	13	13.1	33	3.2	10.3	Mod/hvy rain early bec fair or fine. Shwrs later, small hail. Lghtng		
SAT	22	1002.8	9.4	4.7	7.1	3.2	9.5	<u>9.5</u>	240	14	<u>17.6</u>	33	4.9	6.5	Fair to cloudy. Shwrs rain/small hail		
SUN	23	1010.7	9.9	4.7	7.3	2.3	9.0	<u>9.5</u>	310	<u>19</u>	14.8	35	NIL	9.9	Shwrs rain/small hail bec fair. Fine pm		
MON	24	1013.3	8.9	3.8	6.4	<u>-2.3</u>	8.7	<u>9.5</u>	150	12	11.6	29	6.3	2.8	Fine bec fair then cloudy. Rain pm. Shwrs later		
TUE	25	1005.8	10.7	6.8	8.8	3.8	8.7	9.4	250	<u>02</u>	9.8	29	0.2	7.2	Fair, tempo cloudy early. Slt shwrs. Cloudy by evng, shwrs		
WED	26	1019.5	9.1	5.1	7.1	2.9	9.2	9.3	030	09	7.1	22	1.5	8.2	Fair or fine. Bec cloudy by evng. Shwrs later, small hail		
THU	27	1010.4	8.0	<u>2.8</u>	<u>5.4</u>	-0.3	8.8	9.3	120	10	7.6	20	3.8	8.8	Shwrs early, tempo snow pellets. Mainly fair. Cldy evng, shwrs		
FRI	28	1011.1	9.2	4.5	6.9	2.0	9.2	9.4	130	12	8.8	20	8.4	1.7	Mainly cloudy. Shwrs early. Hvy shwrs pm		
SAT	29	1010.9	14.0	6.6	10.3	2.2	9.1	9.4	130	15	10.3	24	NIL	6.6	Cloudy, slt shwr early bec fair. Bec cloudy pm		
SUN	30	1011.2	<u>15.4</u>	<u>10.3</u>	<u>12.9</u>	7.7	9.8	9.4	130	13	10.6	24	NIL	9.6	Cloudy bec fine then fair		
MON	31	1011.5	13.6	9.5	11.6	<u>8.0</u>	<u>10.2</u>	<u>9.5</u>	120	11	7.1	19	1.2	1.1	Mainly cloudy. Shwrs pm		
MEAN		1017.2	10.8	6.3	8.6	3.2	8.9	9.1	W	10.1	10.1	TOTAL	58.5	163.1			
30 YEAR AVE. 1981-2010		1017.0	10.0	5.6	7.8	2.9	7.8	8.0	W	12.4	12.3	////	67.0	127.6			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN				
		12	10	0	6	0	2	0	5	6	2	0	4		TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947														RAINFALL	377.9 mm	SUNSHINE	341.4 hrs
WETTEST DAY DAY/YEAR	30.0mm 28th/1960	DRIEST MONTH YEAR	2.7mm 1961	LOWEST MIN DAY/YEAR	-2.2°C 10th/11th/1958	WARMEST MNTH YEAR	10.3°C 1957	SUNNIEST MNTH YEAR	214.8 2009	RAIN DAYS	65	SUNLESS DAYS	11	WET DAYS	54		
WETTEST MNTH YEAR	179.6mm 2001	HIGHEST MAX DAY/YEAR	19.4°C 29th/1965	LOWEST GRASS DAY/YEAR	-9.4°C 3rd/1965	COLDEST MNTH YEAR	4.4°C 1962	DULLEST MNTH YEAR	67.4hrs 1964								

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT APRIL 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
TUE	1	1010.1	16.8	7.4	12.1	1.4	10.0	9.6	090	13	9.7	20	TR	8.2	Fine, dew bec thick fog then fair. Tempo cloudy evng		
WED	2	1000.9	15.3	11.5	13.4	10.7	10.9	9.7	130	13	10.0	33	2.7	0.4	Fair bec cloudy. Slt shwrs		
THU	3	1000.7	12.4	9.1	10.8	8.9	10.9	9.8	310	08	9.9	23	7.0	NIL	Cloudy, shwrs bec rain. Tempo hvy rain late am. Mist, fog patch		
FRI	4	1010.6	13.1	8.9	11.0	8.1	10.7	10.0	220	07	6.9	15	TR	6.3	Thick fog early. Tempo drzl.. Bec fine pm. Dew later		
SAT	5	1014.4	13.2	8.9	11.1	6.3	10.9	10.1	170	11	9.4	19	0.2	0.1	Fair, dew bec cloudy. Tempo slt drzl or rsin.		
SUN	6	1015.2	14.0	10.9	12.5	10.8	11.4	10.3	180	12	11.9	22	2.5	0.7	Cloudy, slt rain late		
MON	7	1010.7	12.7	8.9	10.8	10.2	11.5	10.3	170	13	14.1	29	4.5	0.6	Cloudy. Slt rain, tempo mod rain am. Hvy rain early pm, Tempo fog		
TUE	8	1023.0	11.5	7.3	9.4	4.6	11.0	10.4	270	15	14.1	28	TR	9.2	Fair, tempo slt shwrs am. Fine later, dew		
WED	9	1029.0	11.8	6.2	9.0	0.2	11.0	10.5	280	04	4.3	12	NIL	11.6	Fine, dew bec fair. Fine evng, dew later		
THU	10	1025.0	11.5	6.2	8.9	-0.7	10.7	10.4	—	00	3.8	14	NIL	5.9	Fine, dew. Shallow fog mid am. Bec fair. Ocnl cloudy early pm		
FRI	11	1022.8	12.7	7.3	10.0	1.0	10.6	10.4	010	09	6.5	17	NIL	10.4	Fine, dew bec fair. Tempo cloudy mid am. Fine again. Dew later		
SAT	12	1022.2	11.4	7.6	9.5	1.1	10.9	10.5	320	06	8.2	20	NIL	8.2	Fine, dew bec cloudy then fair. Cloudy evng		
SUN	13	1025.4	12.4	8.3	10.4	7.2	11.5	10.5	310	08	7.7	17	NIL	10.0	Cloudy bec fair late am. Fine pm. Dew later		
MON	14	1026.6	12.2	7.3	9.8	4.1	11.8	10.6	360	07	6.9	15	NIL	12.8	Fine, dew early & late		
TUE	15	1028.4	12.0	7.4	9.7	4.6	11.8	10.7	080	14	13.3	24	NIL	12.8	Fine, dew early. Fair late am. Fine by evng		
WED	16	1026.6	14.7	7.2	10.9	5.0	11.8	10.9	110	12	10.1	19	NIL	13.0	Fine. Ocnl dry air pm		
THU	17	1022.5	14.9	9.4	12.1	6.4	12.2	11.0	220	06	9.4	21	NIL	10.3	Fine, ocnl fair early. Bec fair pm, cloudy by evng. Ocnl dry air pm		
G.FRI	18	1020.8	12.1	8.1	10.1	5.9	12.5	11.0	030	10	8.7	18	TR	12.6	Cloudy bec fair then fine		
SAT	19	1017.0	10.7	6.5	8.6	3.6	12.6	11.2	060	10	10.3	30	16.2	9.3	Fair tempo cloudy. Slt shwr am. Shwrs pm		
E.SUN	20	1004.1	11.0	7.7	9.4	5.9	12.3	11.3	010	11	8.4	21	12.4	0.1	Rain. Mod/hvy rain am. Shwrs pm. Mist		
E.MON	21	1005.4	13.2	8.5	10.7	6.9	11.7	11.4	130	10	6.2	18	TR	3.0	Cloudy, occasionally fair		
TUE	22	1008.9	12.2	8.0	10.1	5.1	12.1	11.3	200	09	7.1	18	2.7	1.9	Cloudy, shwrs or rain. Ocnl fair mid pm		
WED	23	1016.1	11.3	9.7	10.5	7.6	11.9	11.3	150	11	8.5	19	6.0	NIL	Rain. Ocnl mod rain, mist. Mod rain pm. Ocnl fog evng		
THU	24	1020.2	14.4	8.0	11.2	4.3	11.6	11.3	120	06	5.3	13	1.4	10.8	Fair, dew early. Bec cloudy late evng		
FRI	25	1014.0	13.9	9.2	11.6	8.5	12.6	11.3	310	10	8.6	30	2.1	5.2	Cloudy, rain mid am. Fair pm. Cloudy later, rain		
SAT	26	1004.2	12.9	8.4	10.7	7.5	12.9	11.4	180	18	15.3	34	18.8	6.0	Rain early bec fine. Shwrs late am. Tempo hvy shwrs pm		
SUN	27	998.2	11.2	8.4	9.8	7.5	12.5	11.5	250	21	15.8	31	1.6	1.9	Shwrs, tempo hvy shwrs am. Fair by evng		
MON	28	1010.5	11.8	9.2	10.5	6.8	12.2	11.5	340	11	6.9	18	0.6	2.1	Mainly cloudy. Slt shwr early. Haze late am. Ocnl fair mid pm. Mist		
TUE	29	1012.6	12.6	9.2	10.9	6.6	12.4	11.6	280	06	5.0	11	0.2	3.8	Cloudy, tempo slt shwrs am. Bec fair pm. Cloudy, mist evng		
WED	30	1014.8	14.0	7.4	10.7	3.3	12.4	11.7	200	08	5.6	13	5.6	8.5	Fine, dew bec cloudy then mainly fair. Cloudy by evng, rain		
MEAN		1015.4	12.8	8.3	10.5	5.6	11.6	10.8	S	10.0	8.9	TOTAL	84.5	185.7			
30 YEAR AVE. 1981-2010		1015.1	11.8	6.6	9.2	3.7	9.8	9.4	NE	11.8	11.4	////	53.1	194.7			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		16	13	0	0	0	0	0	1	5	0	0	2				
RECORDS FROM JANUARY 1947														RAINFALL	462.4 mm	SUNSHINE	527.1 hrs
WETTEST DAY	27.9mm	DRIEST MONTH	2.9mm	LOWEST MIN	-1.4°C	WARMEST MNTH	12.0°C	SUNNIEST MNTH	280.4hrs	RAIN DAYS	81	SUNLESS DAYS	13				
DAY/YEAR	3rd/2000	YEAR	1980	DAY/YEAR	11th/1986	YEAR	2011	YEAR	1984	WET DAYS	67						
WETTEST MNTH	130.4mm	HIGHEST MAX	24.3°C	LOWEST GRASS	-7.0°C	COLDEST MNTH	6.4°C	DULLEST MNTH	122.2hrs								
YEAR	1966	DAY/YEAR	16th/2003	DAY/YEAR	5th/1990	YEAR	1986	YEAR	1981								

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MAY 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.				9a.m.	MEAN
THU	1	1011.6	12.8	9.9	11.4	10.2	13.2	11.7	260	11	12.2	25	0.3	3.1	Cloudy, rain am. Drzl/rain late am. Bec fair pm	
FRI	2	1022.2	11.4	9.0	10.2	8.3	13.1	11.8	020	11	8.1	19	TR	0.1	Fair bec cloudy. Tempo fair evng	
SAT	3	1029.1	11.4	7.0	9.2	6.7	12.6	11.9	070	09	6.2	16	NIL	10.2	Cloudy, slt shwr mid am bec fair	
SUN	4	1024.9	13.6	6.3	10.0	2.8	13.0	12.0	120	07	6.4	15	NIL	10.9	Fair. Fine late, dew	
B.HOL	5	1012.6	16.4	12.0	14.2	7.5	13.8	12.0	140	14	10.1	20	0.4	7.2	Fine, dew bec fair bec cloudy pm. Rain late evng	
TUE	6	1009.8	14.3	10.6	12.5	10.1	14.1	12.2	260	09	12.3	26	0.1	8.1	Cloudy, slt rain early bec fair. Ocnl cloudy. Slt shwr midday	
WED	7	1013.8	14.3	10.8	12.6	10.0	14.2	12.3	240	15	17.3	31	3.0	6.2	Cloudy, slt shwr early. Bec fair late am. Cloudy evng, slt rain	
THU	8	1012.7	12.5	10.8	11.7	10.2	13.9	12.4	220	18	18.5	35	3.2	NIL	Cloudy. Rain/drzl am. Ocnl fog late am. Slt drzl evng	
LIB.D	9	1017.0	14.1	10.4	12.3	8.2	13.4	12.6	230	17	16.7	29	7.5	8.0	Fair bec cloudy mid am. Fair again. Bec cloudy evng. Slt rain	
SAT	10	1009.5	13.7	10.3	12.0	10.4	13.8	12.6	240	17	21.5	44	2.2	7.7	Cloudy. Rainb, tempo hvy rain mid am. Mist, fog patch. Fair late am	
SUN	11	1010.7	13.0	7.8	10.4	6.7	13.4	12.6	270	18	20.6	39	0.6	12.5	Heavy shwr early bec fair. Shwrs am	
MON	12	1014.5	13.2	8.5	10.9	7.3	13.5	12.6	270	15	15.5	28	TR	12.1	Shwrs early then fair. Bec fine pm	
TUE	13	1020.6	13.6	8.9	11.3	7.6	13.9	12.7	300	14	13.7	30	NIL	11.5	Cloudy early, slt shwr bec fair. Fine pm	
WED	14	1032.9	15.3	9.0	12.2	7.5	14.0	12.8	330	07	7.1	14	NIL	13.5	Fine, dew. Tempo fair am	
THU	15	1036.0	18.3	9.2	13.8	8.8	14.4	12.8	040	03	5.5	16	NIL	14.1	Fine, dew early	
FRI	16	1033.2	15.6	9.8	12.7	8.4	14.9	13.0	080	07	7.2	17	NIL	14.2	Fine, dry air evng	
SAT	17	1026.1	18.9	9.4	14.2	8.1	15.5	13.2	020	04	5.1	12	NIL	13.8	Fine tempo fair am. Dry air late am	
SUN	18	1013.5	20.5	11.9	16.2	10.1	15.8	13.3	160	08	7.8	19	NIL	13.4	Fine. Dry air pm. Bec fair by evng	
MON	19	1000.8	17.7	12.6	15.1	11.7	16.6	13.5	130	14	7.0	19	0.1	5.2	Fair am. Cloudy pm, slt shwrs. Lghtng	
TUE	20	1005.0	16.5	10.2	13.4	11.5	16.0	13.7	170	12	7.4	20	TR	7.4	Fair to cloudy. Slt shwr late am. Fine evng. Dew later	
WED	21	1008.7	17.2	8.4	12.8	4.3	15.4	13.8	070	11	9.4	25	10.2	3.9	Fine, dew bec fair then cloudy. Rain late evng. Tempo hvy rain	
THU	22	999.9	14.2	10.3	12.3	8.6	15.4	13.9	130	14	9.9	26	38.0	2.2	Rain early. Mainly cloudy. Shwrs pm	
FRI	23	1003.1	14.4	9.7	12.1	9.4	14.5	13.9	200	15	12.8	36	11.8	4.7	Very hvy rain early then shwrs. Fair, ocnl cloudy pm. Rain late	
SAT	24	1008.4	13.4	8.5	10.9	8.5	14.7	13.9	200	07	9.6	22	1.8	4.8	Rain, tempo hvy rain bec shwrs. Rain early pm bec fair. Fine evng	
SUN	25	1017.2	15.1	9.7	12.4	7.0	14.2	13.8	200	12	8.6	19	4.9	12.6	Cloudy bec fine, dew	
B.HOL	26	1019.3	14.0	9.9	12.0	9.1	15.1	13.8	350	09	6.5	14	NIL	5.3	Cloudy. Rain, tempo mod rain mid am. Bec fair pm. Fine evng	
TUE	27	1018.2	14.6	10.3	12.5	8.0	14.9	13.8	300	08	9.3	18	TR	4.6	Cloudy. Bec fair pm	
WED	28	1015.5	14.8	11.0	12.9	8.9	14.9	13.8	320	06	8.4	21	1.2	0.5	Fair bec cloudy. Slt rain evng	
THU	29	1014.8	12.6	11.6	12.1	11.0	14.9	13.8	300	09	7.5	15	1.4	NIL	Rain mid am. Tempo mod rain. Mist. Rain/drzl. Ocnl fog	
FRI	30	1021.2	16.7	10.7	13.7	9.8	14.7	13.8	080	06	5.5	15	NIL	7.8	Cloudy. Fog early. Fair pm. Adj fog. Fine evng, haze	
SAT	31	1026.7	16.5	9.7	13.1	8.1	15.3	13.8	020	05	5.6	14	NIL	10.3	Fair, mist bec cloudy. Fair again, fine pm	
MEAN		1016.4	14.9	9.8	12.3	8.5	14.4	13.0	NW	10.7	10.3	TOTAL	86.7	235.9		
30 YEAR AVE. 1981-2010		1016.0	14.9	9.2	12.0	6.7	13.0	11.8	NE	11.4	10.9	////	50.9	234.5		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN			
		14	11	0	0	0	1	0	0	5	0	0	2		TOTALS FOR YEAR TO DATE	
RECORDS FROM JANUARY 1947													RAINFALL	549.1 mm	SUNSHINE	763.0 hrs
WETTEST DAY DAY/YEAR	40.4mm 24th/1950	DRIEST MONTH YEAR	4.1mm 1989	LOWEST MIN DAY/YEAR	0.1°C 2nd/1979	WARMEST MNTH YEAR	13.9°C 1989	SUNNIEST MNTH YEAR	336.4hrs 1989	RAIN DAYS	95	SUNLESS DAYS	15	WET DAYS	78	
WETTEST MNTH YEAR	128.7mm 1994	HIGHEST MAX DAY/YEAR	25.9 30th/2003	LOWEST GRASS DAY/YEAR	-5.6°C 5th/1979	COLDEST MNTH YEAR	9.9°C 1984	DULLEST MNTH YEAR	136.9hrs 1981							

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JUNE 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm				9a.m.	9a.m.
SUN	1	1025.0	15.9	11.3	13.6	10.5	16.1	<u>13.9</u>	300	12	8.7	18	NIL	10.1	Fine bec fair. Cloudy by evng	
MON	2	1021.2	15.5	11.9	13.7	11.6	16.3	<u>14.1</u>	230	09	8.0	16	0.4	1.1	Mainly cloudy. Ocnl haze am. Drzl early pm & evng. Mist. Ocnl fog	
TUE	3	1016.1	15.2	11.4	13.3	12.0	16.2	14.3	260	07	7.4	18	<u>14.1</u>	2.2	Mod rain early. Ocnl fair midday. Mod rain evng. Tempo hvly rain	
WED	4	<u>1006.7</u>	<u>14.1</u>	10.4	<u>12.3</u>	11.3	<u>15.7</u>	14.3	290	<u>17</u>	<u>14.4</u>	<u>33</u>	TR	10.6	Mod rain bec rain/drzl. Fair late am. Sl't shwrs pm	
THU	5	1013.8	15.3	<u>9.9</u>	12.6	7.8	<u>15.7</u>	14.4	220	10	8.5	21	NIL	11.7	Fair, tempo cloudy mid am. Ocnl cloudy late	
FRI	6	1009.3	<u>23.5</u>	12.4	18.0	11.0	16.3	14.5	090	12	11.6	24	3.0	9.8	Cloudy bec fair. Dry air early pm	
SAT	7	1012.0	19.1	13.5	16.3	<u>13.4</u>	16.9	14.6	180	09	6.5	19	TR	9.9	T&L early. Tempo hvly rain. Shwrs. Bec fair	
SUN	8	1019.3	21.5	<u>14.0</u>	17.7	12.0	17.6	14.7	170	06	7.4	23	0.4	9.4	Sl't rain early. Cloudy bec fair. Dry air late am. Shwrs pm. Fair evng	
MON	9	1017.1	18.4	11.9	15.2	11.1	17.6	14.9	240	10	4.9	16	TR	3.5	Fair bec cloudy. Shwr mid am. Tempo fair early pm. Sl't shwr late	
TUE	10	1019.3	18.1	12.7	15.4	10.8	17.3	15.1	190	12	8.8	19	NIL	14.2	Cloudy early. Bec fine. Dew late	
WED	11	1027.7	17.4	11.6	14.5	10.1	17.6	15.2	230	<u>03</u>	4.7	10	NIL	13.0	Mainly fair, dew early and late	
THU	12	<u>1029.2</u>	19.1	10.9	15.0	8.4	17.5	15.3	340	05	5.2	13	NIL	<u>15.0</u>	Fine, dew. Tempo shallow fog. Fair. Fine pm. Dew late	
FRI	13	1026.7	21.1	11.9	16.5	10.3	17.9	15.4	010	05	5.7	16	NIL	14.9	Fine, dew bec fair. Bec fine pm	
SAT	14	1024.8	20.2	13.1	16.7	12.3	18.2	15.6	020	10	7.4	17	NIL	13.7	Fair bec fine, sl't dew early	
SUN	15	1027.5	16.8	12.7	14.8	11.7	18.4	15.8	050	13	8.0	26	NIL	7.9	Cloudy bec fair, ocnl cloudy. Dew later	
MON	16	1027.5	17.8	12.0	14.9	9.9	18.1	15.9	030	12	9.3	25	NIL	14.8	Fair, dew early. Fine evng. Cloudy later	
TUE	17	1027.5	16.7	11.9	14.3	9.8	17.9	16.0	050	13	8.5	23	NIL	7.2	Cloudy, tempo fair early. Bec fair pm	
WED	18	1026.7	17.9	10.4	14.2	<u>6.6</u>	17.3	16.1	040	14	8.0	27	TR(dew)	12.2	Fine, dew bec fair. Ocnl cloudy around midday. Fine evng, dew late	
THU	19	1023.8	20.4	11.5	16.0	7.9	17.4	16.0	280	10	5.7	15	NIL	14.8	Fine, dew early & late	
FRI	20	1022.4	19.2	13.3	16.3	11.9	18.2	16.0	070	11	9.5	19	NIL	14.8	Fair, dew. Tempo cloudy early, mist bec fine	
SAT	21	1020.6	20.7	12.2	16.5	10.4	18.4	16.1	070	06	7.3	18	NIL	11.6	Fine bec fair. Dry air late am	
SUN	22	1020.4	23.3	13.2	<u>18.3</u>	10.5	18.4	16.2	080	09	7.6	19	NIL	12.7	Fine bec fair. Dry air. Fine late	
MON	23	1021.5	22.5	13.3	17.9	11.5	18.7	16.3	060	08	7.0	19	NIL	14.7	Fine. Tempo fair. Dry air	
TUE	24	1020.7	22.8	12.7	17.8	8.1	18.6	16.4	050	<u>03</u>	<u>4.5</u>	11	NIL	14.9	Fine, ocnl dry air	
WED	25	1017.4	18.7	13.7	16.2	11.5	<u>19.0</u>	16.5	080	14	10.2	20	NIL	13.6	Fine, dew. Bec cloudy, then fine again. Tempo fair	
THU	26	1013.5	19.0	13.9	16.5	12.0	18.7	16.6	210	05	9.3	19	TR	6.8	Fair bec cloudy. Sl't shwrs late am. Tempo haze. Bec fine pm	
FRI	27	1014.5	18.0	13.9	16.0	12.1	18.3	<u>16.7</u>	230	12	10.3	22	0.1	8.7	Fair bec cloudy. Fair again. Shwr late am. Mainly fair pm	
SAT	28	1011.6	17.9	13.1	15.5	10.0	18.2	<u>16.7</u>	190	09	8.0	16	NIL	8.4	Fair bec cloudy. Fair again. Cloudy late evng	
SUN	29	1013.4	17.6	13.3	15.5	10.9	18.4	<u>16.7</u>	340	10	7.8	16	NIL	10.5	Fair, dew bec cloudy. Bec fair fair again. Fine later, dew	
MON	30	1017.4	17.6	12.9	15.3	9.6	18.2	<u>16.7</u>	170	09	6.8	16	0.3	1.3	Fair, dew bec cloudy. Sl't shwrs pm	
MEAN		1019.8	18.7	12.4	15.5	10.6	17.6	15.6	NE	9.5	7.9	TOTAL	18.3	314.0		
30 YEAR AVE. 1981-2010		1018.0	17.5	11.5	14.5	9.0	16.0	14.4	W	10.4	10.1	////	45.5	246.6		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		5	2	0	0	1	1	0	0	2	0	0	0			
RECORDS FROM JANUARY 1947													RAINFALL	567.4 mm	SUNSHINE	1077.0 hrs
WETTEST DAY DAY/YEAR	46.8mm 16th/1970	DRIEST MONTH YEAR	0.6mm 1976	LOWEST MIN DAY/YEAR	5.4°C 1st/1975	WARMEST MNTH YEAR	16.7°C 1976	SUNNIEST MNTH YEAR	355.3hrs 1975	RAIN DAYS	100	SUNLESS DAYS	15			
WETTEST MNTH YEAR	129.7mm 1986	HIGHEST MAX DAY/YEAR	30.8°C 26th/1976	LOWEST GRASS DAY/YEAR	-3.0°C 14th/1987	COLDEST MNTH YEAR	11.3°C 1972	DULLEST MNTH YEAR	147.8hrs 1977	WET DAYS	80					

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JULY 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm				9a.m.	9a.m.
TUE	1	1016.7	20.4	15.0	17.7	14.1	18.1	<u>16.7</u>	090	08	9.8	22	NIL	5.9	Cloudy, ocnl fair. Slt shwrs early. Fine late	
WED	2	1022.7	21.2	14.2	17.7	11.2	18.3	<u>16.7</u>	080	13	8.0	19	NIL	14.5	Fine bec fair. Dry air	
THU	3	1022.6	22.0	14.6	18.3	10.6	18.7	<u>16.7</u>	230	09	6.0	15	NIL	<u>14.9</u>	Fair bec fine. Dry air pm. Adj fog mid pm. Dew & mist later	
FRI	4	1011.2	20.4	14.4	17.4	10.9	19.1	16.8	240	11	10.9	26	<u>8.1</u>	8.8	Fog patch early bec fair, ocnl cloudy. Cloudy by evng, rain/drzl/fog	
SAT	5	<u>1004.7</u>	<u>16.1</u>	14.8	<u>15.5</u>	15.4	18.8	16.9	230	15	10.5	30	1.0	0.1	Hvy rain early. Cloudy. Drzl/rain, fog patches	
SUN	6	1007.3	18.5	13.7	16.1	13.0	<u>17.8</u>	17.0	280	06	8.9	22	TR	8.4	Cloudy, slt rain early. Shwr late am. Fair pm bec fine	
MON	7	1016.8	18.6	13.6	16.1	10.7	18.0	17.0	230	13	8.0	18	1.3	8.3	Fair. Bec cloudy pm. Slt shwrs	
TUE	8	1017.7	18.5	<u>12.5</u>	15.5	11.1	18.0	16.9	290	10	10.4	27	0.3	12.2	Hvy shwr early bec fair or fine. Hvy shwr mid pm then fair	
WED	9	1022.6	19.0	13.7	16.4	11.7	<u>17.8</u>	16.9	330	14	12.1	21	NIL	14.6	Fair or fine	
THU	10	1021.1	20.4	13.8	17.1	10.8	17.9	16.9	320	11	11.8	23	NIL	14.8	Fine	
FRI	11	1020.5	20.1	14.5	17.3	12.1	18.4	16.9	310	10	9.3	17	NIL	14.1	Fine bec fair, tempo cloudy am. Fine pm. Cloudy later	
SAT	12	1017.6	19.4	14.7	17.1	12.8	18.8	17.0	280	10	10.8	22	0.4	4.1	Cloudy bec fair or fine. Cloudy by late am. Thick fog/drzl later	
SUN	13	1011.8	19.4	14.9	17.2	<u>15.8</u>	18.7	17.0	270	<u>17</u>	<u>13.4</u>	26	NIL	11.7	Drzl & thick fog bec fair or fine. Ocnl cloudy evng	
MON	14	1017.9	19.2	13.0	16.1	<u>9.5</u>	18.5	17.0	210	10	9.4	20	0.4	9.8	Fine, dew bec fair. Ocnl cloudy pm	
TUE	15	1021.2	20.1	15.4	17.8	15.0	18.8	17.1	240	09	8.0	20	NIL	10.6	Drzl & fog mid am bec fair. Fine evng	
WED	16	1022.9	21.8	14.4	18.1	11.3	19.0	17.2	210	05	<u>4.8</u>	13	NIL	8.5	Fine, dew. Cloudy mid am, fog patches. Fair pm. Adj fog	
THU	17	1020.5	23.3	14.7	19.0	11.9	19.1	17.2	060	10	10.0	27	0.1	10.9	Fine, dew. Tempo fair. Bec cloudy pm. Slt shwrs evng. Lghtng	
FRI	18	1014.2	23.3	17.0	20.2	15.0	19.5	17.3	190	08	7.2	20	0.1	9.7	Fair ocnl cloudy. Slt shwr mid pm	
SAT	19	1008.5	20.9	16.0	18.5	15.5	19.7	17.4	350	06	5.3	<u>33</u>	5.8	5.4	T&L early, squall. T&L late am, very hvy rain, small hail. Fair pm	
SUN	20	1012.5	20.6	15.5	18.1	13.4	19.2	17.5	320	06	7.9	20	NIL	11.5	Fog patches early bec mainly fair. Fine later, dew	
MON	21	1020.9	20.9	15.6	18.3	13.5	19.3	17.6	320	10	9.6	19	NIL	14.4	Fine, dew bec fair. Fine pm	
TUE	22	<u>1023.6</u>	22.7	15.3	19.0	12.3	19.5	17.6	020	07	5.5	12	NIL	14.5	Fine, dew early	
WED	23	1019.3	22.7	16.1	19.4	13.1	19.9	17.7	050	11	7.2	19	NIL	13.9	Fine. Tempo cloudy late am. Ocnl haze early pm. Cloudy late	
THU	24	1015.6	<u>23.9</u>	<u>17.2</u>	<u>20.6</u>	<u>15.8</u>	20.1	17.8	050	06	5.9	15	0.2	2.1	Cloudy bec haze. Slt shwrs late am. Tempo fair pm. Ocnl fine evng	
FRI	25	1016.7	22.9	16.5	19.7	13.4	19.6	17.9	040	10	7.3	16	NIL	14.4	Fine, dew late	
SAT	26	1018.1	23.1	17.0	20.1	12.6	20.1	17.9	310	<u>03</u>	5.1	13	NIL	11.4	Fine, dew early bec fair. Ocnl clody pm. Mist late, dew	
SUN	27	1019.8	21.4	16.8	19.1	15.6	<u>20.2</u>	17.9	330	09	8.3	16	TR	5.4	Fine, mist & dew bec fog, then fair. Mainly cloudy pm	
MON	28	1016.9	19.9	16.2	18.1	11.5	19.6	18.0	320	13	8.5	20	NIL	9.6	Fair, ocnl cloudy am. Fine pm. Tempo cloudy later	
TUE	29	1018.6	21.3	15.5	18.4	12.3	19.6	18.0	320	09	8.0	16	NIL	13.8	Fair or fine. Dew early	
WED	30	1018.8	20.6	15.7	18.2	13.7	20.0	<u>18.1</u>	350	09	7.1	15	NIL	13.0	Fine, dew bec cloudy then fine again. Tempo dry air pm. Dew later	
THU	31	1017.9	21.1	14.4	17.8	10.4	19.7	<u>18.1</u>	250	04	5.9	17	NIL	7.6	Fine, dew bec cloudy. Bec fair pm. Fine later	
MEAN		1017.3	20.8	15.1	17.9	12.8	19.0	17.3	NW	9.4	8.4	TOTAL	17.7	318.9		
30 YEAR AVE. 1981-2010		1017.7	19.5	13.6	16.5	11.2	17.8	16.3	W	10.5	10.2	////	42.1	250.7		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN			
		8	4	0	1	1	3	0	0	8	0	0	0		TOTALS FOR YEAR TO DATE	
RECORDS FROM JANUARY 1947													RAINFALL	585.1 mm	SUNSHINE	1395.9 hrs
WETTEST DAY DAY/YEAR	62.5mm 7th/2004	DRIEST MONTH YEAR	3.9mm 1999	LOWEST MIN DAY/YEAR	8.3°C 8th/1954	WARMEST MNTH YEAR	19.4°C 1983	SUNNIEST MNTH YEAR	335.9hrs 1959	RAIN DAYS	108	SUNLESS DAYS	15	WET DAYS	84	
WETTEST MNTH YEAR	120.2mm 1960	HIGHEST MAX DAY/YEAR	31.7°C 1st/1952	LOWEST GRASS DAY/YEAR	1.0°C 7th/1996	COLDEST MNTH YEAR	13.8°C 1954	DULLEST MNTH YEAR	167.7hrs 1972							

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT AUGUST 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm				9a.m.	9a.m.
FRI	1	1011.3	20.0	14.7	17.4	10.8	19.4	<u>18.2</u>	210	09	6.7	15	0.9	2.4	Fine bec fair then mainly cloudy. Slt drzl late	
SAT	2	1003.7	21.1	15.2	18.2	15.0	19.3	18.1	230	12	11.4	23	NIL	10.3	Cloudy. Slt drzl early. Tempo hvy rain mid am. Bec fair. Fine evng	
SUN	3	1011.5	20.7	13.9	17.3	10.3	18.9	18.1	240	14	8.6	19	NIL	<u>13.6</u>	Fair or fine	
MON	4	1017.5	20.5	15.0	17.8	11.3	19.3	18.0	220	08	5.7	14	0.3	12.6	Fair bec fine pm. Cloudy late	
TUE	5	1018.7	<u>22.2</u>	15.8	<u>19.0</u>	12.1	19.5	18.1	170	10	6.9	22	<u>13.3</u>	5.1	Cloudy, tempo slt rain. Fair late am. Bec cloudy. Hvy rain later	
WED	6	1013.9	21.3	<u>16.5</u>	18.9	<u>16.7</u>	<u>19.8</u>	18.1	240	12	10.0	19	0.3	7.7	Cloudy, mod rain early. Fair by midday, tempo cloudy. Shwrs late	
THU	7	1016.4	19.8	15.5	17.7	13.8	19.7	18.1	340	07	4.9	13	NIL	13.3	Slt shwrs early bec fine then fair	
FRI	8	1009.9	18.2	14.4	16.3	13.8	19.6	18.1	---	<u>00</u>	<u>4.1</u>	17	8.0	NIL	Cloudy. Drzl & rain late am. Mod rain pm, tempo hvy rain. Mist	
SAT	9	1012.1	19.1	14.3	16.7	11.4	18.4	<u>18.2</u>	220	11	7.5	19	7.9	7.1	Shwrs early bec fair. Mainly cloudy pm. Slt rain late	
SUN	10	<u>997.9</u>	19.1	13.4	16.3	14.7	18.9	18.1	230	<u>21</u>	<u>18.2</u>	<u>43</u>	10.4	8.4	Hvy rian early, mist. Fog patches. Fair late am. Hvy shwr evng	
MON	11	1012.9	18.6	12.4	15.5	12.2	17.7	18.0	230	19	17.4	31	TR	11.5	Fair. Ocnl cloudy mid am, very hvy shwrs, bec fine. Lghtng late	
TUE	12	1012.1	18.8	14.5	16.7	12.9	18.0	17.9	240	18	14.2	26	0.2	8.9	Fair, lghtng early. Ocnl cloudy. Slt shwr mid am & pm	
WED	13	1009.1	19.2	13.9	16.6	11.8	17.7	17.8	270	15	13.5	26	TR	13.2	Fair or fine, slt shwr mid am	
THU	14	1013.2	17.1	14.5	15.8	12.4	17.9	17.8	250	14	12.9	24	1.3	3.4	Fair bec cloudy. Tempo shwrs. Fair by evng bec fine	
FRI	15	1018.5	18.1	13.1	15.6	10.0	17.2	17.7	280	08	8.1	18	TR	12.5	Fine bec fair. Funnel cloud. Fine	
SAT	16	<u>1025.0</u>	18.5	13.0	15.8	10.0	17.2	17.5	310	09	9.6	22	0.8	12.5	Fair or fine, dew early. Funnel cloud afternoon. Cloudy late evng	
SUN	17	1016.2	17.9	13.7	15.8	13.3	17.6	17.4	260	13	14.4	28	1.2	0.5	Cloudy. Tempo drzl/rain am. Hvy shwr pm. Fair late evng	
MON	18	1013.7	17.7	13.8	15.8	10.8	16.9	17.4	310	12	11.2	23	TR	13.2	Fair bec fine	
TUE	19	1016.1	17.1	12.9	15.0	9.7	17.0	17.3	310	09	8.3	20	NIL	8.4	Fine bec cloudy. Slt shwrs. Fair by midday	
WED	20	1019.7	17.2	12.1	14.7	8.4	16.7	17.2	340	07	6.8	17	NIL	11.8	Fine. Ocnl dy air pm	
THU	21	1019.2	17.5	<u>10.7</u>	14.1	6.8	16.6	17.1	210	04	7.3	22	2.7	10.7	Fine. Tempo cloudy am bec fair. Cloudy late, slt shwr	
FRI	22	1014.2	17.5	13.1	15.3	11.9	16.9	17.1	260	13	12.1	29	0.1	8.4	Cloudy, shwrs. Tempo hvy shwr. Bec fair	
SAT	23	1018.5	17.2	12.5	14.9	9.5	16.7	17.0	280	11	8.0	22	2.2	8.2	Fair or fine. Ocnl cloudy. Slt shwr late am. Hvy shwr early pm	
SUN	24	1021.1	<u>16.9</u>	10.8	<u>13.9</u>	<u>6.4</u>	<u>16.1</u>	16.9	210	04	4.9	18	5.6	2.0	Mainly cloudy. Slt rain midday	
B.HOL	25	1009.1	17.6	14.9	16.3	14.1	16.7	16.8	170	12	14.0	32	11.2	<u>0.1</u>	Rain. Mod, tempo hvy rain. Mist, tempo fog patches	
TUE	26	1004.2	18.5	15.6	17.1	14.0	16.6	16.8	230	14	11.7	27	3.5	0.6	Slt shwr am. Tempo drzl evng. Mod/hvy rain/drzl later. Hill fog	
WED	27	1013.1	17.8	15.6	16.7	15.2	16.9	<u>16.7</u>	200	06	9.5	24	4.7	0.2	Rain/drzl/fog early. Tempo drlz am. Rain/drzl pm. Tempo hvy rain	
THU	28	1013.6	18.9	15.5	17.2	14.6	17.2	<u>16.7</u>	220	15	12.6	25	0.2	7.6	Drzl, fog patch early bec fair. Cloudy late am. Shwrs early pm. Fair	
FRI	29	1017.5	18.6	15.2	16.9	13.1	17.0	<u>16.7</u>	240	16	16.4	27	TR	5.3	Fine bec fair. Ocnl cloudy	
SAT	30	1019.6	17.1	14.6	15.9	14.9	17.1	<u>16.7</u>	250	15	13.0	25	0.1	0.9	Cloudy. Tempodrzl/rain am. Fair by evng	
SUN	31	1021.3	17.9	13.7	15.8	11.6	16.6	<u>16.7</u>	300	11	9.0	18	NIL	12.6	Fair or fine	
MEAN		1014.2	18.6	14.0	16.3	12.0	17.8	17.5	SW	11.3	10.3	TOTAL	74.9	233.0		
30 YEAR AVE. 1981-2010		1017.3	19.8	14.1	16.9	11.3	18.1	17.2	W	9.9	9.7	////	47.7	230.1		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		18	12	0	0	0	2	0	0	6	0	0	1			
RECORDS FROM JANUARY 1947													RAINFALL	660.0 mm	SUNSHINE	1628.9 hrs
WETTEST DAY DAY/YEAR	55.8mm 22nd/1973	DRIEST MONTH YEAR	3.8mm 1955	LOWEST MIN DAY/YEAR	9.2°C 28th/1986	WARMEST MNTH YEAR	19.3°C 2003	SUNNIEST MNTH YEAR	323.0hrs 1955	RAIN DAYS	126	SUNLESS DAYS	16	WET DAYS 96		
WETTEST MNTH YEAR	122.0mm 1951	HIGHEST MAX DAY/YEAR	34.3 9th/2003	LOWEST GRASS DAY/YEAR	0.8°C 11th/1981	COLDEST MNTH YEAR	14.3°C 1956	DULLEST MNTH YEAR	139.2hrs 1992							

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT SEPTEMBER 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm	9a.m.				9a.m.	MEAN
MON	1	1023.5	18.8	13.6	16.2	9.4	16.9	16.7	240	09	6.8	18	TR	4.1	Fine, dew bec cloudy. Tempo fair. Cloudy by evng. Slt drzl & fog late		
TUE	2	1022.5	21.1	14.0	17.6	10.3	17.4	16.8	080	04	4.5	15	NIL	7.8	Cloudy. Ocnl fair, shallow foq mid am. Fair late am. Ocnl fine pm		
WED	3	1021.5	21.5	15.2	18.4	13.3	18.1	16.8	060	07	8.0	19	NIL	10.7	Fair or fine, dew. Tempo shallow fog. Mist bec haze, then fine		
THU	4	1017.9	19.8	15.6	17.7	13.1	18.1	16.9	060	08	7.0	19	NIL	11.3	Fine, dew bec mist then haze. Mist & dew late		
FRI	5	1017.4	21.0	14.7	17.9	10.9	17.9	17.0	030	04	4.0	11	NIL	9.0	Fine, mist & dew. Shallow fog mid am. Haze. Fog late		
SAT	6	1015.4	22.0	14.2	18.1	10.2	17.7	17.0	090	02	3.0	10	TR	6.4	Fog early. Shallow fog mid am. Tempo mist. Ocnl fair		
SUN	7	1015.5	20.1	15.5	17.8	14.2	18.2	17.0	070	06	5.4	14	NIL	3.9	Cloudy, mist. Tempo slt rain. Bec fair pm. Fine evng, haze then mist		
MON	8	1018.0	20.2	15.4	17.8	13.5	18.0	17.1	060	11	7.8	23	NIL	10.5	Fair or fine, mist & dew. Tempo cloudy mid am. Fine, haze		
TUE	9	1020.4	21.0	14.8	17.9	12.0	17.8	17.2	070	10	7.6	18	NIL	9.6	Fine, dew bec fair		
WED	10	1019.9	19.3	15.0	17.2	12.0	17.7	17.2	090	15	11.8	24	NIL	11.2	Fine, dew early		
THU	11	1020.4	19.3	13.6	16.5	10.3	17.3	17.1	080	11	10.1	22	NIL	11.0	Fine, slt dew early		
FRI	12	1022.5	20.3	14.4	17.4	11.4	17.3	17.1	090	12	9.3	21	NIL	11.0	Fine, haze & dew early, tempo mist. Fair later, dew		
SAT	13	1024.7	19.4	14.9	17.2	12.2	17.5	17.0	070	12	10.3	25	NIL	5.5	Fair, dew early. Mainly cloudy pm		
SUN	14	1020.6	20.1	15.5	17.8	13.1	17.3	16.9	080	12	11.4	24	NIL	9.9	Mainly fair. Dew early. Tempo haze evng		
MON	15	1016.0	19.3	15.5	17.4	13.1	17.5	17.0	070	09	9.0	18	NIL	7.6	Fair, ocnl cloudy am. Cloudy late		
TUE	16	1012.8	24.4	15.7	20.1	13.2	17.6	17.1	130	08	8.9	20	TR	9.3	Cloudy bec fine, mist & dew early. Bec fair pm. Tempo dry air		
WED	17	1007.8	21.2	17.5	19.4	15.8	18.2	17.0	060	15	12.0	27	25.1	6.0	Fair bec cloudy. Slt shwr mid am. Fair late am		
THU	18	1006.4	21.9	17.2	19.6	15.0	18.3	17.0	070	09	8.0	17	TR	5.7	T&L, very hvy rain mid am bec fair		
FRI	19	1010.0	23.9	16.3	20.1	13.1	18.4	17.1	150	06	5.1	24	0.8	7.6	Fine, dew & lghtng early. Ocnl cloudy pm. Slt T&L late, rain		
SAT	20	1015.3	19.3	16.4	17.9	14.6	18.7	17.2	020	05	5.4	13	0.9	2.0	Slt T&L early, slt rain. Fair or fine, bec mainly cloudy. Ocnl fog am		
SUN	21	1023.1	17.0	14.0	15.5	14.2	18.3	17.2	040	11	8.3	24	NIL	8.2	Hvy rain early, mist bec fair. Mainly fine pm		
MON	22	1027.1	16.5	12.2	14.4	10.0	17.3	17.3	050	07	6.4	25	NIL	7.3	Fine bec fair. Tempo cloudy		
TUE	23	1023.1	17.4	10.9	14.2	8.4	16.4	17.2	130	08	3.7	13	NIL	6.6	Fair, haze bec mainly cloudy pm		
WED	24	1017.3	18.3	11.5	14.9	7.7	16.3	17.1	270	13	10.1	24	TR	9.4	Fair to cloudy, haze early. Bec fair		
THU	25	1023.7	17.9	11.3	14.6	6.0	15.8	16.9	270	04	5.3	17	NIL	11.0	Fine bec fair. Fine pm		
FRI	26	1026.4	17.8	12.5	15.2	9.0	16.0	16.7	240	09	6.5	15	TR	0.7	Fair bec cloudy. Drzl & mist early pm. Tempo fog. Fine evng, dew		
SAT	27	1027.0	20.1	14.2	17.1	10.2	16.3	16.6	120	04	5.1	13	NIL	6.6	Fair, shallow fog bec cloudy. Slt drzl mid am. Fair late am		
SUN	28	1019.7	21.1	15.1	18.1	12.1	16.6	16.6	130	09	4.8	14	TR	10.1	Fair, dew early. Fog late		
MON	29	1021.5	18.8	14.5	16.7	11.7	16.9	16.6	220	04	6.4	17	NIL	5.4	Fog early, slt shwr. Cloudy am. Fair or fine pm. Dew later		
TUE	30	1025.2	19.6	14.6	17.1	11.4	16.8	16.6	240	10	8.2	17	0.9	6.2	Fair, ocnl cloudy am. Dew early and late		
MEAN		1019.4	19.9	14.5	17.2	11.7	17.4	17.0	E	8.5	7.3	TOTAL	27.7	231.6			
30 YEAR AVE. 1981-2010		1017.2	18.0	12.9	15.4	9.8	16.3	16.5	W	11.1	10.8	////	57.5	180.1			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN				
		4	1	0	0	3	3	0	0	6	1	0	0		TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947														RAINFALL	687.7 mm	SUNSHINE	1860.5 hrs
WETTEST DAY DAY/YEAR	43.7mm 20th/1949	DRIEST MONTH YEAR	6.9mm 1997	LOWEST MIN DAY/YEAR	5.8°C 28th/1974	WARMEST MNTH YEAR	17.5°C 1949	SUNNIEST MNTH YEAR	266.5hrs 1959	RAIN DAYS	130	SUNLESS DAYS	16	WET DAYS	97		
WETTEST MNTH YEAR	194.5mm 1952	HIGHEST MAX DAY/YEAR	30.6°C 2nd/1961	LOWEST GRASS DAY/YEAR	-1.0°C 23rd/1979	COLDEST MNTH YEAR	12.8°C 1986	DULLEST MNTH YEAR	104.5hrs 1956								

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT OCTOBER 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm	9a.m.				9a.m.
WED	1	1026.8	17.8	15.2	16.5	13.4	16.9	16.6	230	03	4.8	17	1.4	1.8	Ocnl drzl/rain. Fog patches. Tempo fair pm.	
THU	2	1029.7	19.9	14.1	17.0	11.4	16.8	16.6	090	05	2.9	11	TR	6.3	Fair, shallow fog bec cloudy. Fog patch bec fair, ocnl cloudy	
FRI	3	1024.7	18.8	12.9	15.9	9.4	16.4	16.6	160	03	4.0	13	2.6	7.2	Fine, dew. Tempo cloudy, fog patches. Fair. Thick fog late	
SAT	4	1013.5	16.7	11.6	14.2	12.3	16.6	16.6	320	12	11.2	31	4.5	4.2	Thick fog early. Bec rain. Mod/hvy rain am. Bec fine pm	
SUN	5	1022.3	16.4	9.9	13.2	5.6	14.8	16.5	---	00	6.3	27	9.1	6.6	Fine bec fair ocnl cloudy	
MON	6	999.9	16.1	11.9	14.0	10.5	14.8	16.3	160	28	16.9	40	9.8	4.1	Hvy rain mid/late am. Drzl/rain. Ocnl fine pm. T&L, hvy rain/hail late	
TUE	7	999.7	14.9	9.4	12.2	8.0	14.3	16.1	240	12	14.9	37	1.0	8.1	Hvy shwrs. Tempo T&L early bec fair. Cloudy late	
WED	8	996.5	17.4	11.2	14.3	9.4	14.3	15.9	190	14	17.2	42	2.6	4.7	Cloudy, slt shwrs. Ocnl fair. Hvy shwr late evng	
THU	9	1001.4	17.0	13.3	15.2	9.9	14.2	15.8	210	21	20.2	38	1.3	9.0	Fair bec fine. Cloudy evng, hvy shwr. Fair later	
FRI	10	1011.6	17.4	12.4	14.9	10.9	14.1	15.6	200	13	9.8	22	6.2	5.7	Fair or fine am. Bec cloudy pm. Ocnl T&L. Shwrs. Hvy rain evng	
SAT	11	1012.1	16.5	11.3	13.9	9.1	14.3	15.5	230	12	7.3	20	NIL	8.4	Fair, ocnl cloudy am	
SUN	12	1009.7	15.0	10.8	12.9	6.4	14.0	15.4	070	11	10.8	34	59.1	NIL	Cloudy. Rain by midday. Mod or hvy rain pm. Mist	
MON	13	1002.0	14.3	11.7	13.0	11.7	13.9	15.3	310	12	11.4	31	0.3	0.4	Drzl/rain. Hvy rain mid am. Slt shwrs	
TUE	14	1008.8	15.3	10.5	12.9	8.9	13.8	15.2	280	07	6.2	15	0.2	4.8	Cloudy, slt shwrs early bec fair. Ocnl cloudy	
WED	15	1003.7	15.4	10.5	13.0	7.4	13.9	15.1	170	11	10.0	25	10.5	NIL	Rain mid am. Hvy rain early pm. Fog patch. T&L/hvy rain late	
THU	16	1004.1	17.1	13.9	15.5	10.5	14.0	14.9	200	10	12.0	25	3.2	1.1	Slt shwr early. Mainly cloudy. Shwrs evng	
FRI	17	1011.2	17.6	14.7	16.2	12.2	14.4	14.8	170	13	13.0	30	0.1	2.1	Fair bec cloudy. Tempo fair. Slt rain evng	
SAT	18	1011.4	19.6	16.7	18.2	14.3	15.0	14.9	190	13	11.8	25	1.3	2.5	Cloudy. Tempo slt rain am. Ocnl fair pm. Slt rain late	
SUN	19	1016.9	17.9	14.4	16.2	15.0	15.4	15.0	240	11	13.9	27	NIL	3.0	Slt rain or drzl. Mod rain mid am. Mainly fair pm	
MON	20	1021.2	16.5	13.2	14.9	11.6	14.9	15.1	240	10	13.1	28	1.3	5.1	Fair, ocnl cloudy am	
TUE	21	1012.2	14.6	10.3	12.5	11.3	14.8	15.1	280	31	23.1	44	0.3	6.1	Cloudy, ocnl rain or shwrs bec fair. Hvy shwr midday	
WED	22	1030.5	14.8	11.2	13.0	7.9	13.5	15.1	290	13	12.5	25	TR	3.4	Fine bec cloudy. Fair pm. Cloudy by evng	
THU	23	1023.7	15.5	12.6	14.1	10.6	13.7	15.0	210	13	12.0	21	16.3	NIL	Cloudy, tempo slt drzl. Hvy rain/drzl late. Mist, fog patch	
FRI	24	1017.0	15.9	13.2	14.6	13.7	14.1	14.8	210	15	10.9	24	3.4	NIL	Drzl/rain bec rain. Mist, tempo fog. Hvy rain. Ocnl slt drzl pm	
SAT	25	1021.1	15.2	10.6	12.9	9.4	14.1	14.8	240	10	6.5	16	NIL	0.5	Cloudy, tempo fair midday	
SUN	26	1023.8	15.7	12.8	14.3	11.3	13.8	14.8	200	11	8.3	20	NIL	3.8	Cloudy, ocnl fair late am. Cloudy evng bec fine late	
MON	27	1020.8	16.8	13.3	15.1	10.8	14.0	14.6	160	18	14.1	25	NIL	9.0	Fine. Slight dew early. Dew late	
TUE	28	1014.8	16.5	13.0	14.8	10.6	13.9	14.6	150	10	9.9	21	0.4	8.3	Fine, dew early. Tempo fair mid pm. Cloudy late	
WED	29	1016.0	16.0	14.7	15.4	11.7	14.3	14.6	170	10	7.9	18	0.3	0.1	Cloudy. Tempo slight rain. Mist	
THU	30	1018.8	17.5	14.7	16.1	12.4	14.3	14.6	160	10	9.2	17	TR(dew)	4.2	Cloudy bec fair, mist & dew. Ocnl cloudy. Fair pm	
FRI	31	1017.4	18.3	14.6	16.5	12.4	14.5	14.6	140	13	10.8	23	0.6	8.0	Fair, mist & dew early. Fine evng, dew	
MEAN		1014.3	16.6	12.6	14.6	10.6	14.6	15.4	S	12.1	11.1	TOTAL	135.8	128.5		
30 YEAR AVE. 1981-2010		1014.8	15.1	10.8	13.0	8.1	13.6	14.6	W	12.4	12.4	////	95.0	117.1		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		22	16	0	1	4	4	0	0	7	1	0	4			
RECORDS FROM JANUARY 1947													RAINFALL	823.5 mm	SUNSHINE	1989.0 hrs
WETTEST DAY DAY/YEAR	46.2mm 7th/1987	DRIEST MONTH YEAR	3.4mm 1978	LOWEST MIN DAY/YEAR	3.5°C 28th/2003	WARMEST MNTH YEAR	15.2 2001/06	SUNNIEST MNTH YEAR	176.4hrs 1971	RAIN DAYS	152	SUNLESS DAYS	20			
WETTEST MNTH YEAR	233.9mm 1960	HIGHEST MAX DAY/YEAR	23.6°C 1st/2011	LOWEST GRASS DAY/YEAR	-4.0°C 30th/1983	COLDEST MNTH YEAR	9.6°C 1974	DULLEST MNTH YEAR	72.6hrs 1968	WET DAYS	113					

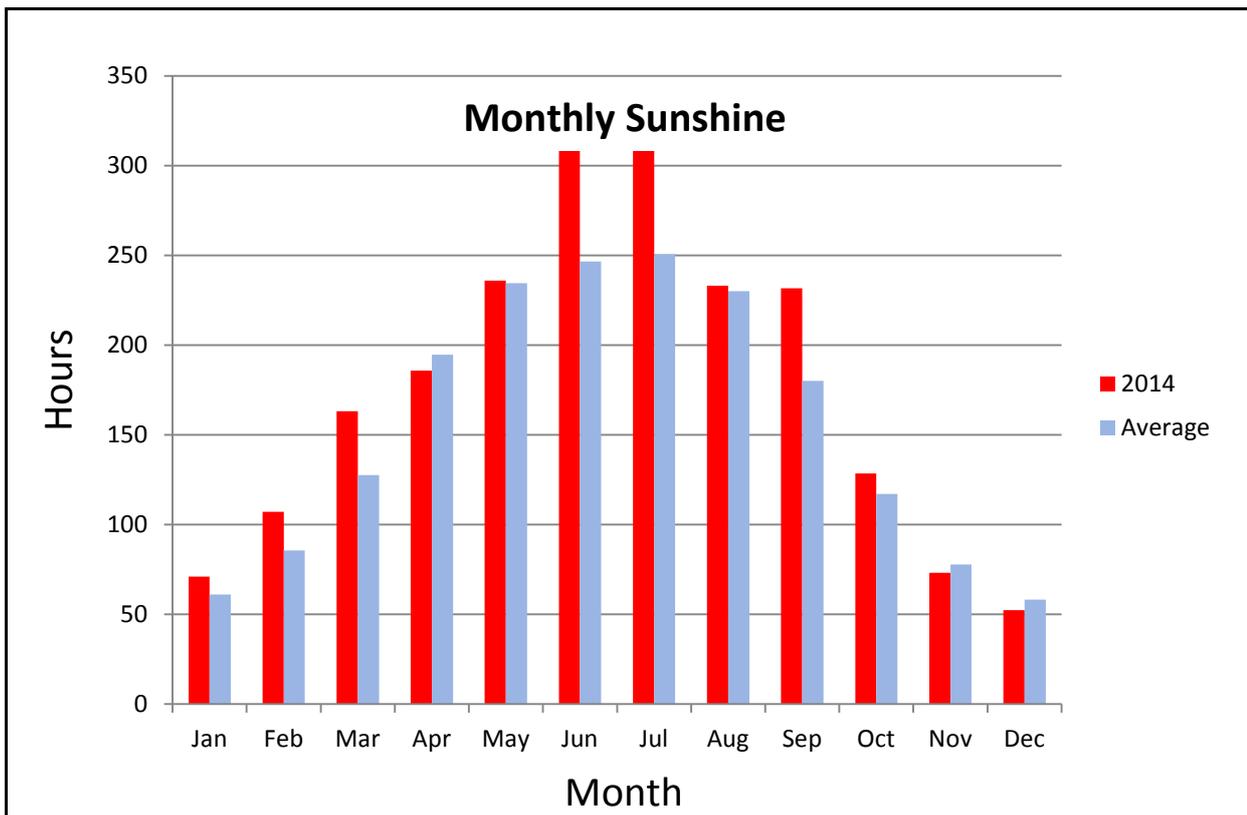
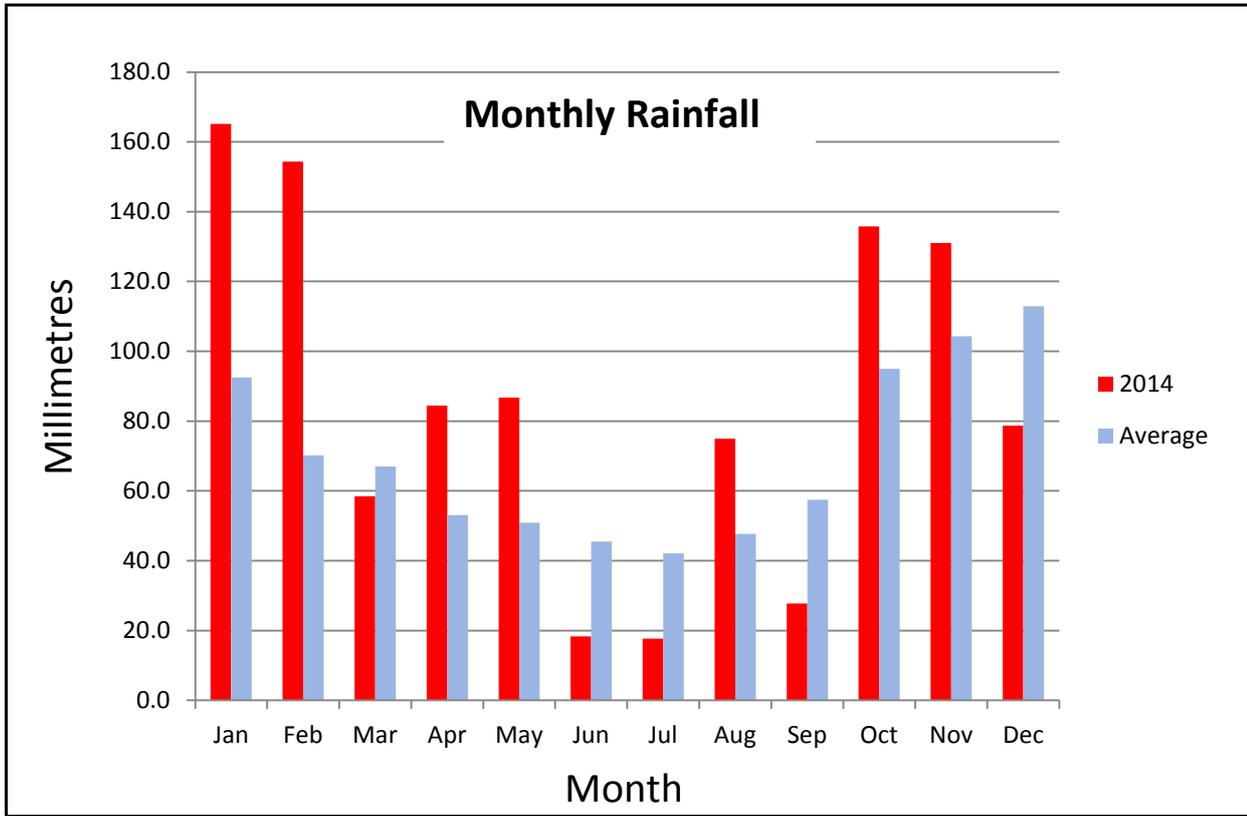
METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT NOVEMBER 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm	9a.m.				9a.m.
SAT	1	1019.1	16.3	12.9	14.6	11.0	14.6	14.6	240	09	13.0	31	0.9	7.7	Rain mid am bec fine then fair. Cloudy later	
SUN	2	1008.7	15.1	10.4	12.8	10.7	14.3	14.7	210	16	17.1	34	10.5	0.4	Cloudy. Ocnl rain mid to late am. Shwrs evng	
MON	3	994.7	12.8	7.8	10.3	8.4	13.7	14.7	210	09	14.8	35	2.9	3.0	Rain, ocnl hvy rain early. Ocnl fair, shwrs pm. Hvy shwr late	
TUE	4	994.3	12.9	9.5	11.2	6.4	14.1	14.7	280	09	10.9	25	2.6	5.6	Stt shwrs early. Stt T&L. Becmg fair. Hvy shwr early pm	
WED	5	1005.3	11.3	7.9	9.6	5.9	12.2	14.4	350	06	7.4	20	0.3	5.6	Fair bec cloudy, shwrs. Fair again	
THU	6	1009.3	13.2	7.5	10.4	1.7	11.5	14.2	180	13	15.3	40	16.5	NIL	Fine bec cloudy. Rain/drzl by evng	
FRI	7	996.9	14.6	9.9	12.3	8.6	12.0	13.9	260	21	21.1	39	1.5	2.9	Hvy rain early bec shwrs. Hvy shwr late am. Ocnl fair	
SAT	8	1001.4	14.2	9.7	12.0	8.0	11.8	13.8	180	21	13.5	37	9.3	0.2	Cloudy. Shwrs am. Rain pm. Tempo hvy rain. Shwrs evng	
SUN	9	1005.1	13.1	8.4	10.8	3.3	11.4	13.6	270	05	7.4	21	5.8	3.5	Fair to cloudy. Tempo shwrs. Lghtng evng	
MON	10	1006.0	13.8	9.2	11.5	6.4	11.3	13.5	190	14	17.7	36	2.9	2.8	T&L, hvy rain early. Small hail. Ocnl fair. Rain late evng	
TUE	11	992.9	12.7	10.7	11.7	10.1	11.8	13.4	150	20	19.1	36	4.7	NIL	Cloudy, ocnl rain. Stt shwrs late evng	
WED	12	996.4	14.0	9.2	11.6	7.6	11.7	13.3	220	17	15.9	31	TR	6.5	Stt shwrs early bec fair. Tempo cloudy early pm, shwrs	
THU	13	999.5	14.5	11.6	13.1	8.0	11.6	13.2	140	23	18.5	47	1.2	0.9	Fine bec cloudy. Rain/drzl by evng	
FRI	14	999.0	14.1	11.3	12.7	8.8	12.1	13.2	210	13	14.8	38	TR	6.4	Hvy shwr early then stt rain bec fair/fine. Ocnl cldy pm. Stt Shwr late	
SAT	15	999.3	12.6	9.4	11.0	5.1	11.8	13.1	150	08	9.4	26	11.7	1.1	Cloudy bec fair then cloudy. Shwrs pm. Ocnl hvy shwrs evng	
SUN	16	997.7	12.6	8.8	10.7	6.7	11.7	13.1	150	08	4.3	13	8.0	4.7	Cloudy. Shwrs am. Tempo hvy shwrs bec fair. Shwrs later	
MON	17	1001.8	11.0	9.0	10.0	3.9	11.5	13.1	310	08	6.6	26	9.3	NIL	Hvy shwrs early. Rain by late am. Hvy rain early pm. Shwrs later	
TUE	18	1007.0	11.6	8.2	9.9	4.3	11.0	13.0	070	08	8.0	22	TR	5.3	Cloudy bec fair	
WED	19	1015.6	11.7	9.4	10.6	5.6	10.9	12.9	120	13	11.5	25	0.8	NIL	Fair bec cloudy. Tempo stt rain. Rain/drzl early pm	
THU	20	1022.3	11.5	9.3	10.4	9.1	11.2	12.8	090	08	9.3	20	0.1	2.4	Cloudy, mist. Fair pm. Cloudy later	
FRI	21	1016.9	13.5	9.1	11.3	6.9	11.2	12.7	120	11	12.4	26	12.4	0.3	Cloudy. Rain mid am. Mist. Tempo fine evng. Rain later	
SAT	22	1012.9	14.2	11.5	12.9	10.5	11.7	12.6	170	07	6.8	15	14.2	NIL	Cloudy, mist. Rain, tempo hvy rain early. Rain/drzl late evng	
SUN	23	1017.1	11.5	8.6	10.1	9.1	11.7	12.6	360	14	9.5	26	6.3	NIL	Rain. Mod rain. Tempo hvy rain late am. Stt rain pm. Fair late evng	
MON	24	1026.0	10.7	7.0	8.9	3.0	10.7	12.5	040	08	9.1	23	2.8	6.0	Fair bec cloudy by evng. Rain later. Drizzle late	
TUE	25	1019.3	10.6	8.3	9.5	7.5	10.7	12.5	070	10	8.1	24	4.8	NIL	Drzl/rain. Tempo mod rain. Tempo mist. Fog late	
WED	26	1012.0	11.0	9.8	10.4	9.5	11.0	12.4	360	06	4.1	13	0.4	NIL	Thick fog early then cloudy, drzl & mist. Tempo stt rain pm	
THU	27	1003.1	11.9	9.1	10.5	8.3	10.9	12.3	120	08	9.2	26	1.1	1.2	Cloudy. Shwrs bec rain/drzl. Tempo fair early pm bec cloudy	
FRI	28	996.3	13.2	10.2	11.7	8.3	10.8	12.2	080	18	14.2	28	NIL	1.7	Fair, tempo cloudy mid am. Cloudy late am bec fair pm	
SAT	29	1007.7	15.8	10.6	13.2	7.6	10.9	12.2	100	07	5.8	13	NIL	4.7	Fair or fine, dew	
SUN	30	1015.4	12.5	10.3	11.4	5.0	10.7	12.2	010	11	8.2	20	NIL	0.2	Fine, dew bec cloudy. Tempo fog. Mist	
MEAN		1006.6	13.0	9.5	11.2	7.2	11.8	13.2	SE	11.6	11.4	TOTAL	131.0	73.1		
30 YEAR AVE. 1981-2010		1015.3	11.8	8.1	9.9	5.3	10.5	12.1	SW	12.8	13.0	////	104.3	77.8		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		23	19	0	1	3	7	0	0	2	0	0	8			
RECORDS FROM JANUARY 1947													RAINFALL	954.5 mm	SUNSHINE	2062.1 hrs
WETTEST DAY DAY/YEAR	39.4mm 15th/1975	DRIEST MONTH YEAR	16.1mm 1978	LOWEST MIN DAY/YEAR	-0.8°C 28th/2010	WARMEST MNTH YEAR	12.0°C 1994,2011	SUNNIEST MNTH YEAR	123.6hrs 2006	RAIN DAYS	175	SUNLESS DAYS	28	WET DAYS	132	
WETTEST MNTH YEAR	234.7mm 2009	HIGHEST MAX DAY/YEAR	16.8°C 1st/'99,8th/'05	LOWEST GRASS DAY/YEAR	-5.6°C 29th/1987	COLDEST MNTH YEAR	7.7°C 1993	DULLEST MNTH YEAR	35.9hrs 1994							

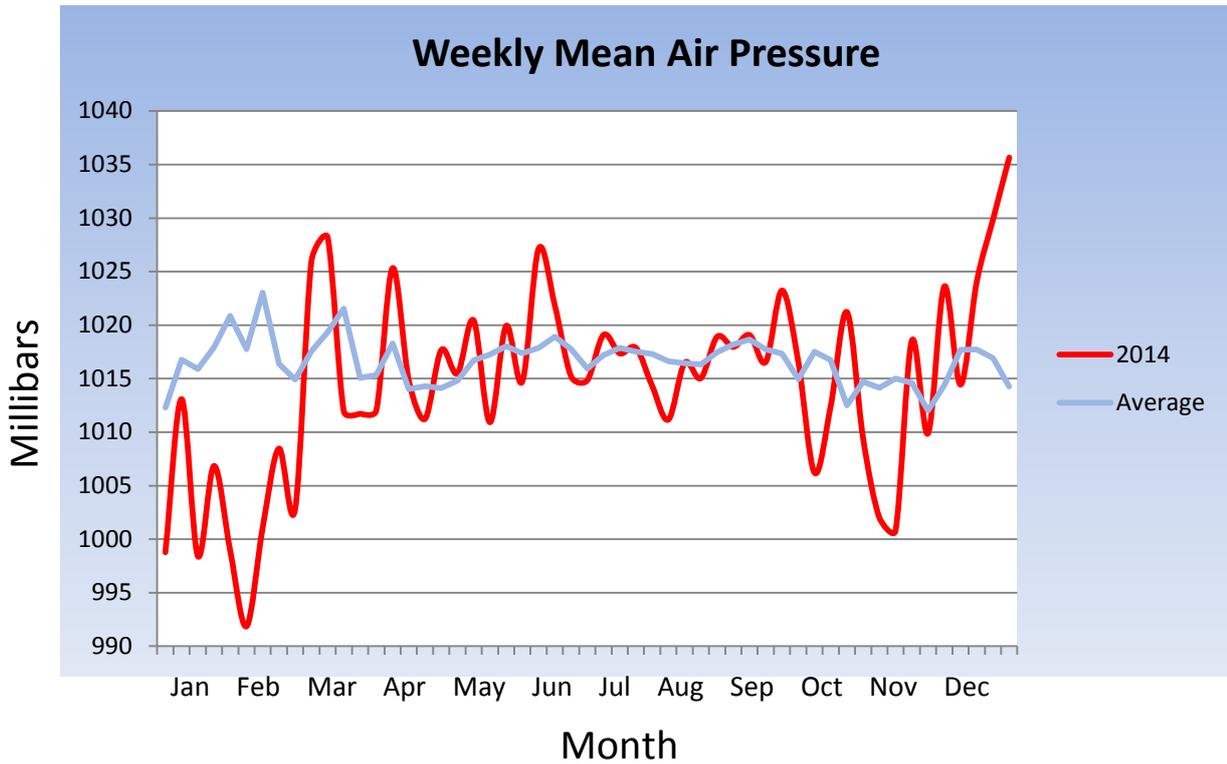
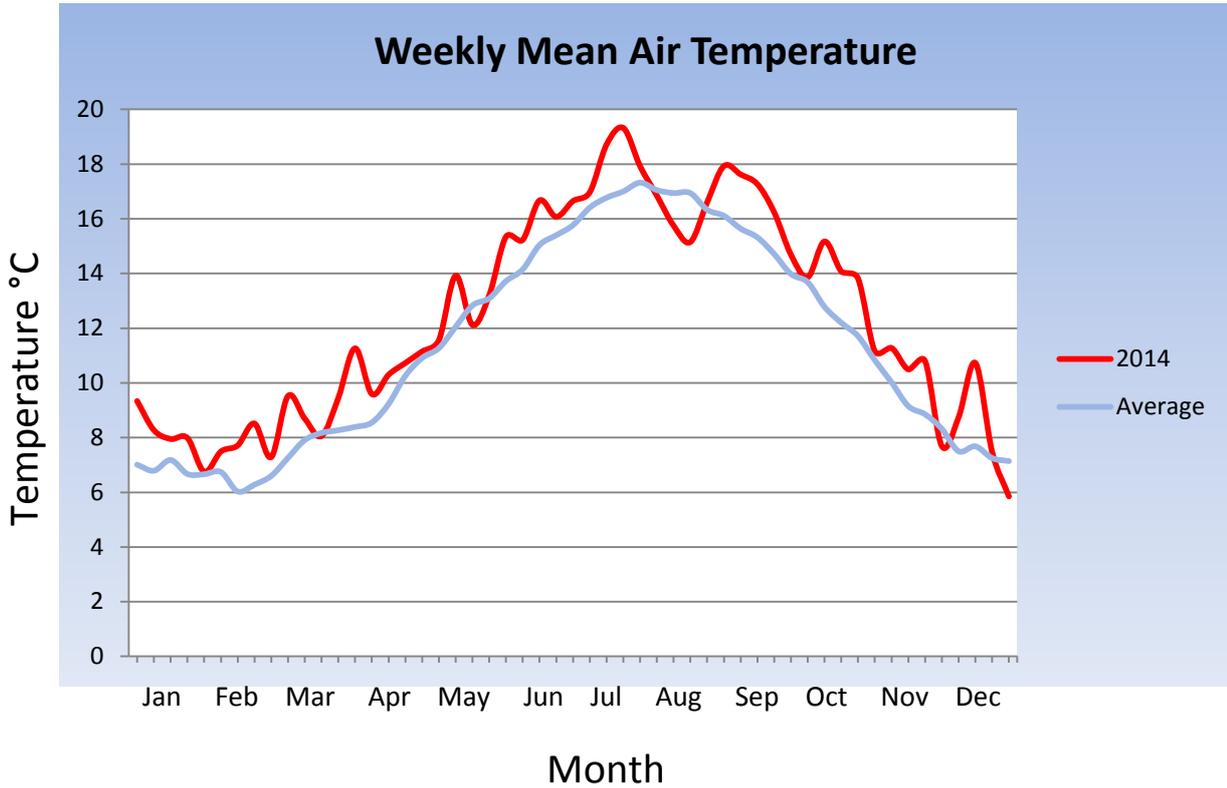
METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT DECEMBER 2014

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm		100cm	9a.m.				9a.m.
MON	1	1013.9	10.8	8.2	9.5	7.0	10.6	12.2	020	07	7.7	17	0.1	NIL	Cloudy	
TUE	2	1017.8	10.0	7.8	8.9	7.7	10.4	12.1	360	19	16.4	36	TR	NIL	Cloudy. Tempo slight rain	
WED	3	1023.5	8.8	7.5	8.2	6.4	9.9	12.1	030	13	13.6	32	0.9	0.1	Cloudy. Tempo slight rain am. Rain by evening	
THU	4	1014.7	8.7	4.7	6.7	4.9	9.6	11.9	050	07	5.7	23	4.1	NIL	Cloudy. Rain mid am. Tempo mod rain. Mist. Rain/drzl early pm	
FRI	5	1020.7	9.2	4.9	7.1	3.1	9.3	11.8	350	12	11.5	28	1.5	0.9	Cloudy. Drzl/rain early. Tempo fair am. Shwrs pm	
SAT	6	1030.2	8.9	5.7	7.3	1.8	8.7	11.6	350	07	7.3	25	1.3	5.8	Fair, slt shwr late am. Fine pm bec cloudy evng	
SUN	7	1022.9	11.3	7.3	9.3	-0.4	8.9	11.5	260	19	12.5	29	9.0	1.7	Rain/drzl. Ocnl mod rain. Hvy rain late am. Tempo fair pm. Shwrs	
MON	8	1021.7	8.5	5.9	7.2	1.0	8.9	11.4	310	14	13.9	37	0.3	6.0	Shwrs early. Tempo hvy shwrs. Hail then mainly fair. Fine evng	
TUE	9	1031.5	10.4	5.8	8.1	-0.4	8.4	11.3	210	04	12.8	38	5.5	NIL	Fine bec cloudy. Slt rain by evng. Mod drzl/rain later, mist	
WED	10	1022.6	12.1	7.8	10.0	6.5	9.2	11.1	280	18	19.3	39	3.9	1.9	Rain or drzl early, tempo hvy rain. Ocnl fair. Shwrs pm	
THU	11	1017.9	10.8	7.7	9.3	4.9	8.9	11.0	270	27	24.9	53	10.9	0.2	Cloudy, shwrs. Hvy shwr late am	
FRI	12	997.9	11.6	7.1	9.4	7.2	9.3	10.9	230	26	17.7	49	6.8	NIL	Rain. Ocnl mod rain. Tempo hvy rain. Slt rain early pm	
SAT	13	1011.6	9.2	5.3	7.3	2.9	9.0	10.8	---	00	3.9	16	NIL	4.9	Cloudy bec fair. Tempo fine	
SUN	14	1016.9	10.0	4.0	7.0	-0.4	8.2	10.8	210	12	14.2	34	2.1	0.4	Fine bec cloudy. Slt shwrs pm. Rain/drzl late evng. Tempo mod rain	
MON	15	1016.0	10.6	8.3	9.5	6.6	8.8	10.7	260	09	7.7	26	3.4	NIL	Cloudy. Ocnl drzl/rain. Tempo hvy rain earl pm. Tempo mist	
TUE	16	1018.5	10.3	7.6	9.0	1.9	9.0	10.6	320	09	8.9	29	5.3	1.1	Cloudy bec fair then mainly cloudy. Rain/drzl later	
WED	17	1012.2	12.2	10.0	11.1	5.3	9.1	10.6	270	23	22.2	40	0.7	NIL	Drzl/rain early. Tempo hvy rain. Slt drzl. Tempo mist	
THU	18	1018.8	12.2	11.3	11.7	10.6	10.0	10.6	250	24	23.3	38	12.5	NIL	Cloudy. Ocnl drzl. Tempo mist	
FRI	19	1017.8	12.3	9.0	10.7	10.6	10.4	10.6	260	20	18.3	44	0.2	1.5	Cloudy. Rain, drzl & mist. Tempo hvy rain early. Ocnl fair late am	
SAT	20	1031.0	10.1	8.5	9.3	5.0	9.8	10.7	280	12	12.0	27	TR	1.4	Cloudy. Tempo slt shwrs. Tempo fair am	
SUN	21	1033.5	11.2	8.7	10.0	4.7	9.6	10.7	240	19	17.6	32	0.3	NIL	Cloudy. Tempo slt drzl early & late	
MON	22	1026.7	12.4	10.5	11.5	9.1	9.9	10.8	240	19	20.0	33	0.1	NIL	Cloudy, mod drzl. Mist. Bec tempo drzl	
TUE	23	1023.9	11.8	10.0	10.9	8.8	10.2	10.8	220	14	16.9	30	1.7	0.1	Cloudy. Tempo rain/drzl	
WED	24	1019.4	11.7	8.6	10.2	8.6	10.2	10.9	230	19	14.0	32	1.0	0.7	Cloudy. Drzl mid am bec mod drzl. Mist,fog patches. Tempo fair pm	
XMAS	25	1032.0	10.6	7.4	9.0	2.6	9.6	10.8	290	10	8.9	19	TR	3.8	Fair, tempo cloudy. Slt shwrs	
B.DAY	26	1031.8	11.4	5.2	8.3	-1.4	9.0	10.8	190	05	13.5	48	6.1	NIL	Fine bec cloudy. Rain. Mod rain. Slt shwrs later	
SAT	27	1014.1	11.4	4.6	8.0	4.3	9.0	10.8	320	18	18.4	48	1.0	3.3	Cloudy. Slt shwrs early bec fair. Shwrs evng. Tempo small hail	
SUN	28	1026.1	6.5	4.3	5.4	0.9	8.3	10.7	030	16	11.2	28	NIL	5.2	Cloudy bec fair or fine	
MON	29	1043.0	7.5	2.1	4.8	-4.3	7.4	10.5	350	07	5.4	20	NIL	6.7	Fine, slt hoar frost bec fair	
TUE	30	1042.5	9.4	3.9	6.7	-3.1	7.0	10.3	---	00	4.3	14	NIL	5.6	Fair or fine. Slt hoar frost early	
WED	31	1036.2	6.9	4.8	5.9	-0.1	6.8	10.0	190	12	12.8	26	NIL	1.1	Fair bec cloudy. Tempo fair	
MEAN		1022.8	10.3	6.9	8.6	3.9	9.1	11.0	W	13.6	13.4	TOTAL	78.7	52.4		
30 YEAR AVE. 1981-2010		1016.4	9.5	6.0	7.7	3.4	8.0	9.6	SW	13.5	13.7	////	112.9	58.2		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN			
		21	16	0	3	0	0	0	7	1	1	0	11		TOTALS FOR YEAR TO DATE	
RECORDS FROM JANUARY 1947													RAINFALL	1033.2 mm	SUNSHINE	2114.5 hrs
WETTEST DAY DAY/YEAR	42.9 4th/2010	DRIEST MONTH YEAR	28.1mm 1953	LOWEST MIN DAY/YEAR	-3.8°C 24th/1963	WARMEST MNTH YEAR	10.1°C 1953	SUNNIEST MNTH YEAR	108.9hrs 2001	RAIN DAYS	196	SUNLESS DAYS	39	WET DAYS	148	
WETTEST MNTH YEAR	249.6mm 1999	HIGHEST MAX DAY/YEAR	15.6°C 6th/1953	LOWEST GRASS	-8.9°C 29th/1964,27th/1995	COLDEST MNTH YEAR	4.4°C 2010	DULLEST MNTH YEAR	26.6hrs 1966							

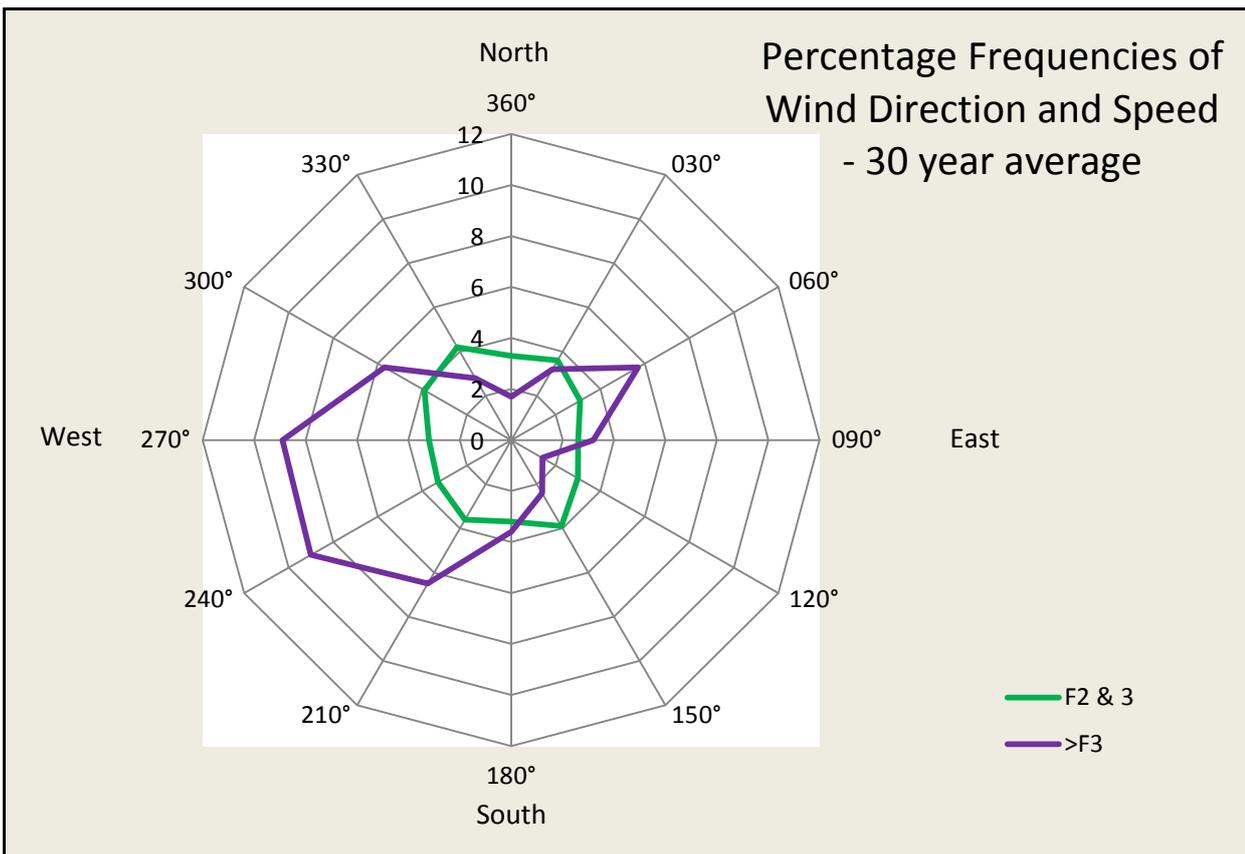
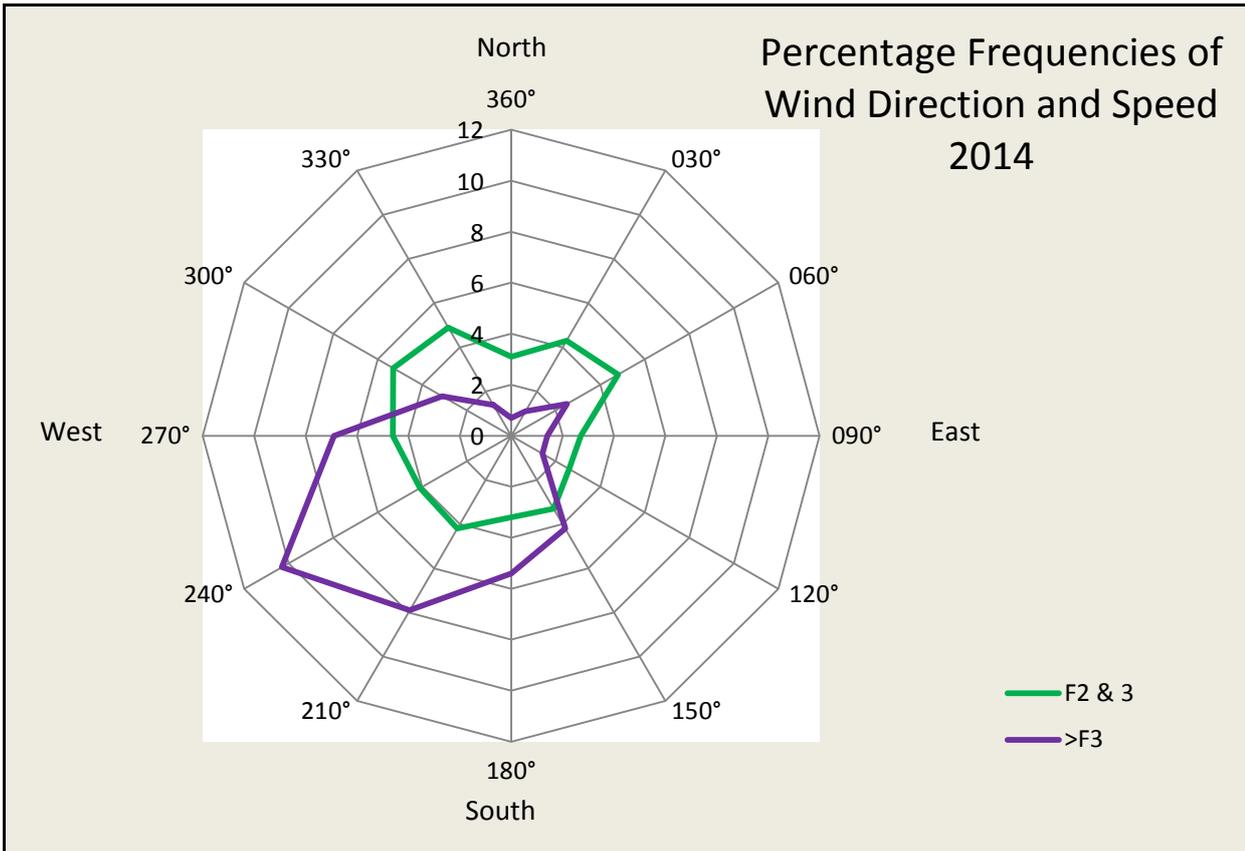
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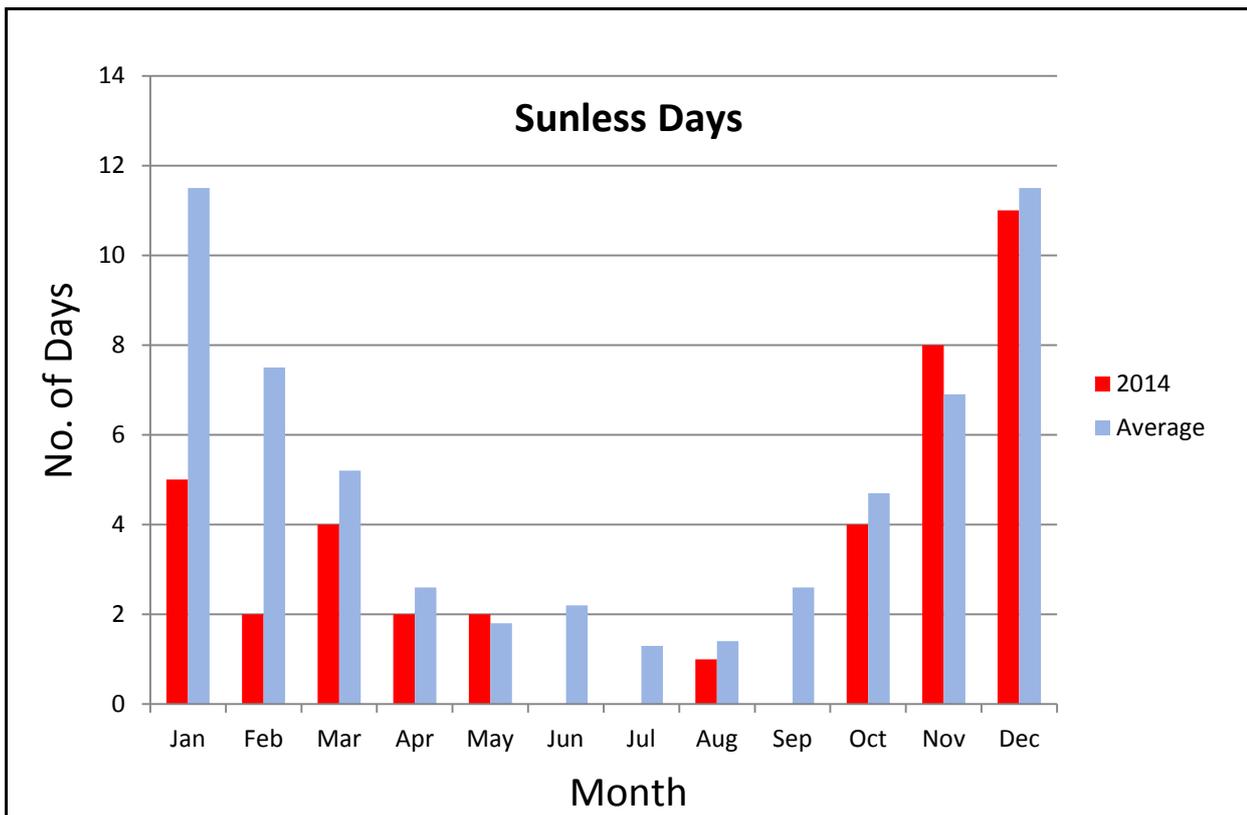
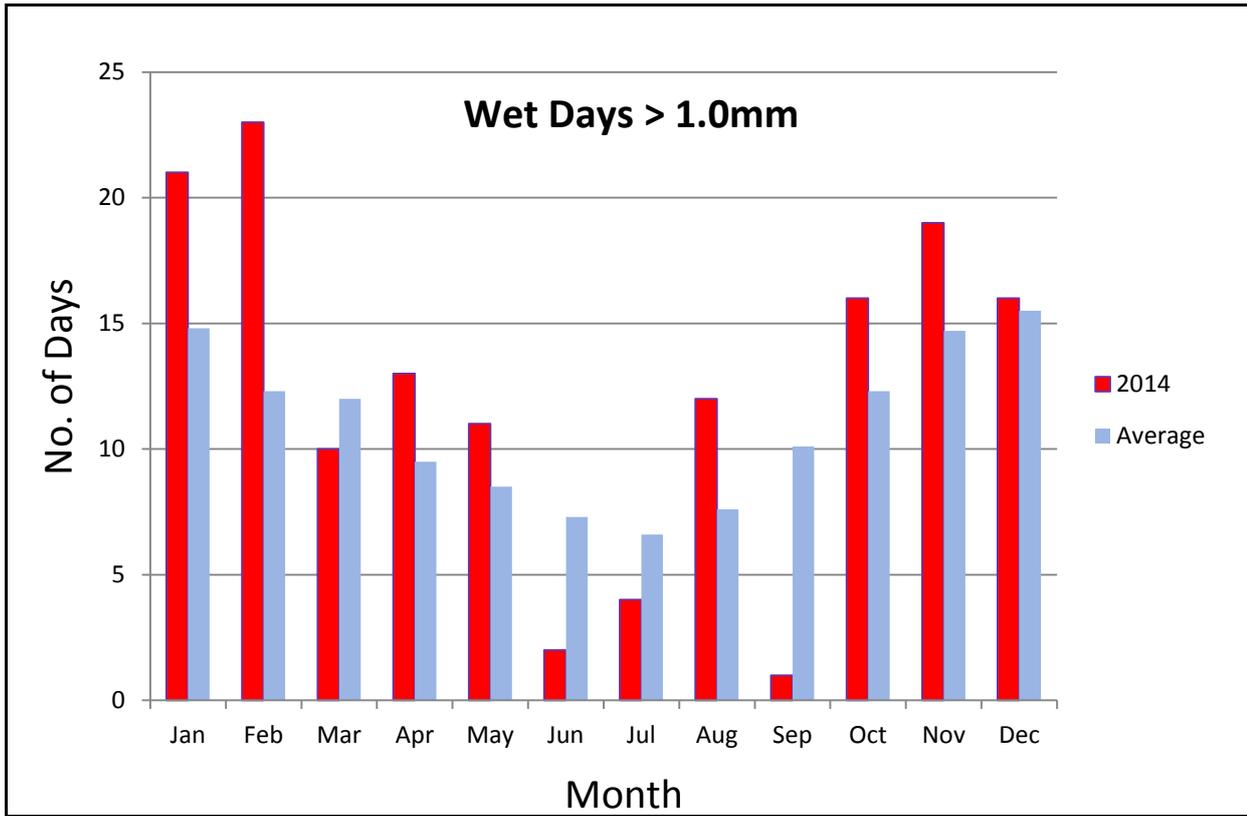
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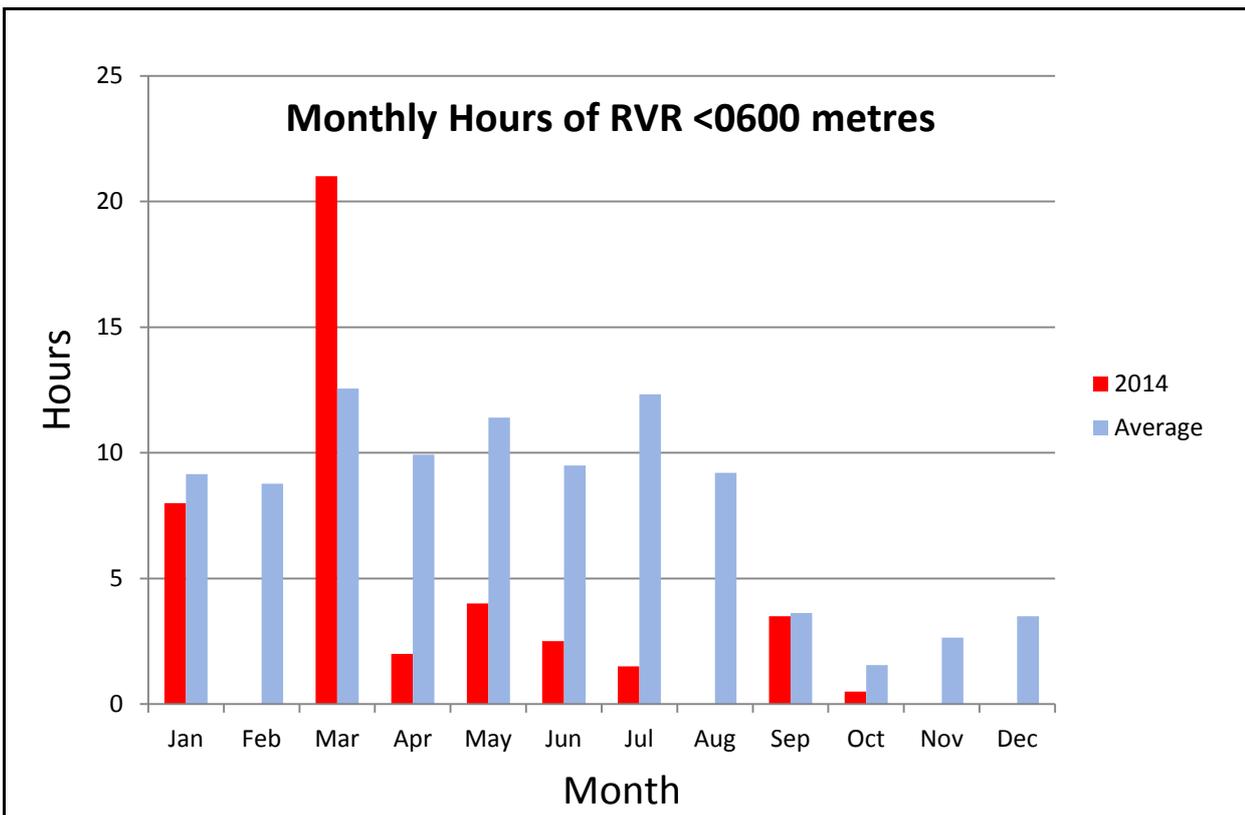
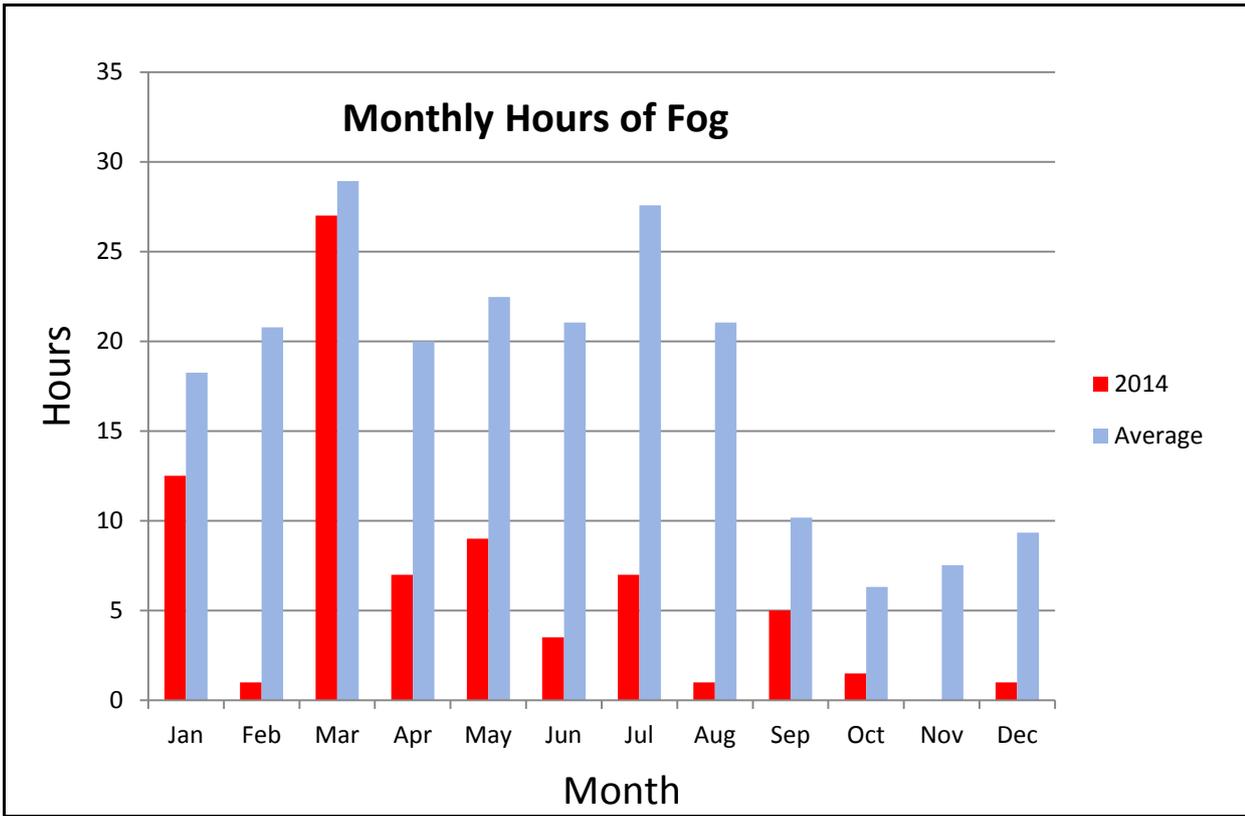
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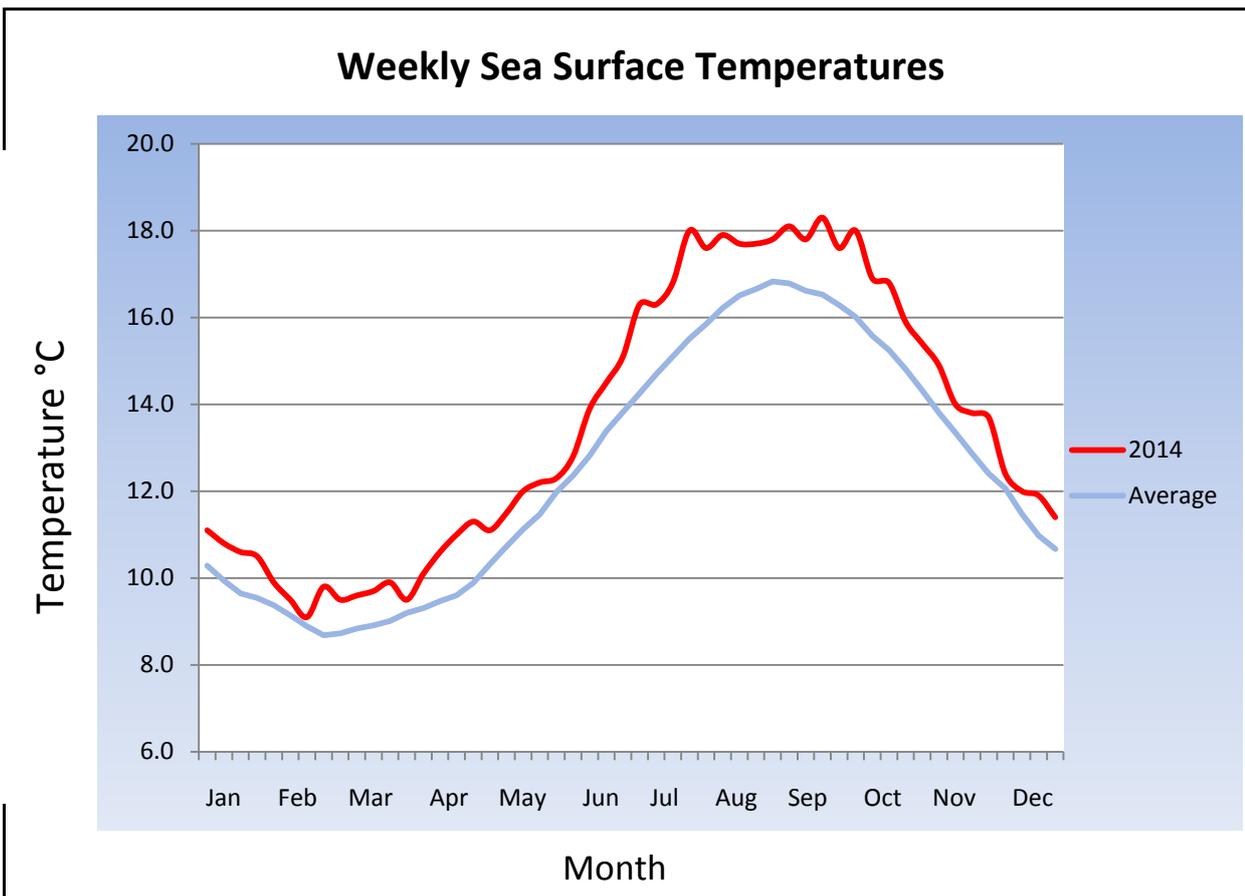
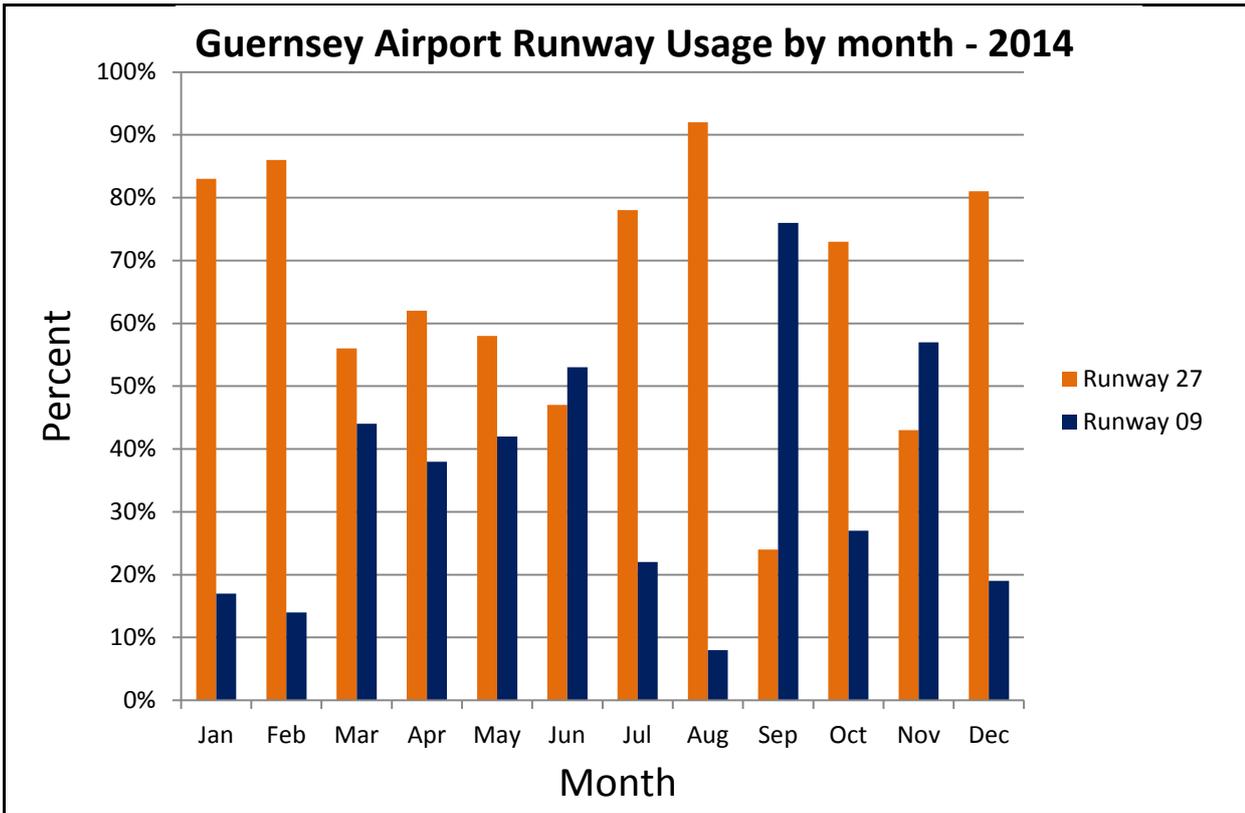
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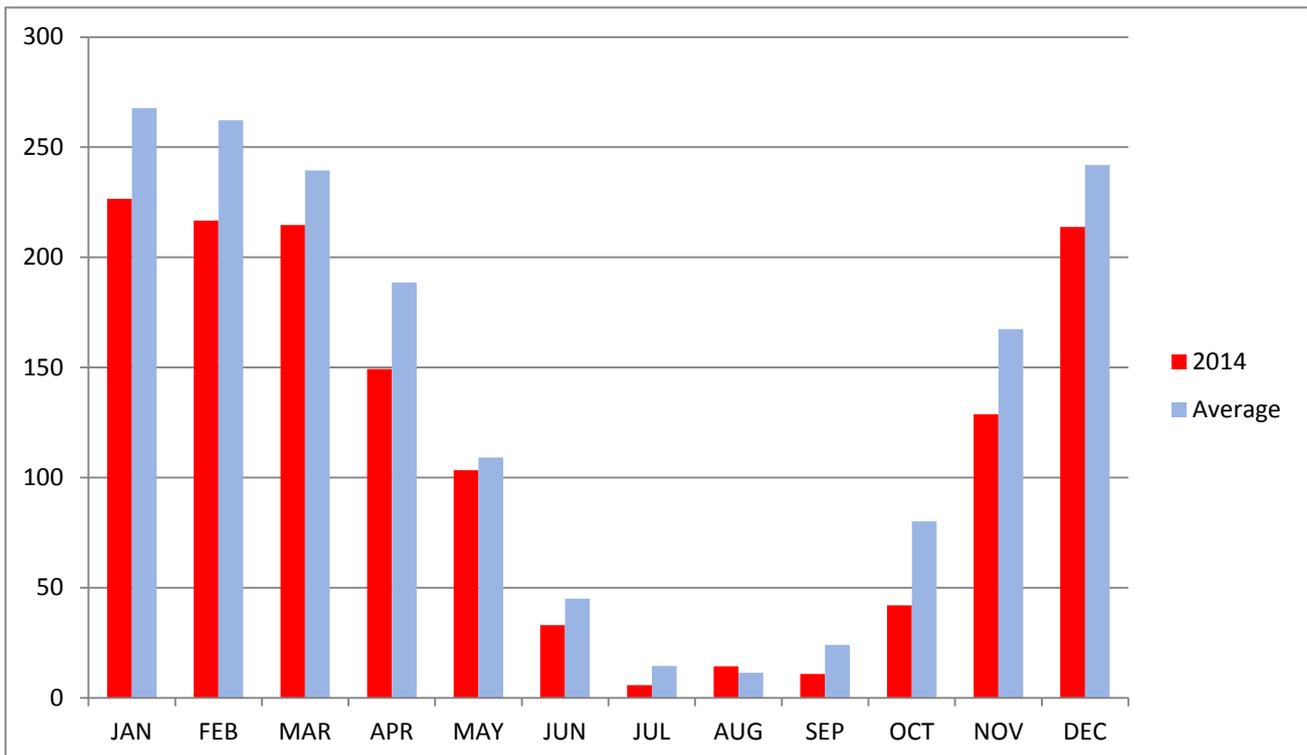
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Degree Days

Monthly accumulated Degree Days below 15.5°C
 (Average figures use data from 1981 - 2010)

	2014	Average
JAN	226.6	267.7
FEB	216.7	262.3
MAR	214.7	239.5
APR	149.3	188.6
MAY	103.3	109.1
JUN	33.1	45.1
JUL	5.8	14.5
AUG	14.4	11.4
SEP	10.9	24.0
OCT	42.1	80.2
NOV	128.7	167.5
DEC	213.8	242.0
YEAR	1359.4	1651.9

Accumulated Degree Days



Guernsey Met Office

2015 SUMMER WEEKEND TIDES - ST. PETER PORT

All times BST. No responsibility can be accepted for any consequence arising out of the use of these tables.

Day	Month	High Water				Low Water			
		Time	Height (m)	Time	Height (m)	Time	Height (m)	Time	Height (m)
Sat 02	May	06:21	8.3	18:06	8.2	12:07	2.4		
Sun 03	May	07:00	8.6	19:21	8.8	01:01	1.9	13:22	1.8
Sat 09	May	10:38	8.2	22:57	8.2	04:35	2.1	16:52	2.5
Sun 10	May	11:28	7.8	23:52	7.8	05:21	2.5	17:43	2.9
Sat 16	May	05:46	8.8	18:13	9.0	12:13	1.4		
Sun 17	May	06:38	9.2	19:01	9.4	00:39	1.3	14:03	1.1
Sat 23	May	10:49	8.0	22:58	8.0	04:52	2.2	17:04	2.6
Sun 24	May	11:30	7.5	23:40	7.5	05:31	2.7	17:44	3.2
Sat 30	May	04:54	7.6	17:24	7.9	11:18	2.8	23:40	2.6
Sun 31	May	05:41	8.0	18:07	8.3	12:04	2.4		
Sat 06	June	09:49	8.7	22:07	8.9	03:50	1.5	16:06	1.8
Sun 07	June	10:34	8.5	22:53	8.6	04:32	1.7	16:50	2.1
Sat 13	June	04:22	8.1	16:55	8.2	10:52	2.3	23:23	2.2
Sun 14	June	05:24	8.4	17:50	8.6	11:50	1.9		
Sat 20	June	09:53	8.6	22:02	8.6	03:57	1.7	16:09	2.0
Sun 21	June	10:28	8.2	22:36	8.2	04:31	2.1	16:42	2.4
Sat 27	June	02:56	7.0	15:40	7.2	09:28	3.5	21:58	3.4
Sun 28	June	04:03	7.2	16:39	7.5	10:29	3.2	22:57	3.0
Sat 04	July	08:58	9.1	21:16	9.4	02:59	1.1	15:18	1.3
Sun 05	July	09:42	9.1	21:59	9.3	03:43	1.1	16:01	1.4
Sat 11	July	02:43	7.6	15:23	7.6	09:15	2.9	21:56	3.0
Sun 12	July	04:01	7.6	16:34	7.8	10:29	2.8	23:06	2.7
Sat 18	July	08:57	8.8	21:07	9.0	03:02	1.5	15:15	1.7
Sun 19	July	09:32	8.7	21:40	8.8	03:36	1.7	15:48	1.9
Sat 25	July	00:43	7.1	13:23	6.9	07:13	3.6	19:49	3.7
Sun 26	July	01:50	6.9	14:39	6.9	08:29	3.7	21:08	3.6
Sat 01	August	08:00	9.3	20:19	9.7	02:01	1.1	14:23	1.1
Sun 02	August	08:45	9.5	21:04	9.9	02:47	0.7	15:08	0.9
Sat 08	August	00:59	7.7	13:34	7.5	07:29	2.9	20:05	3.3
Sun 09	August	02:16	7.2	14:58	7.2	08:46	3.3	21:35	3.4
Sat 15	August	07:58	8.9	20:10	9.1	02:04	1.6	14:18	1.7
Sun 16	August	08:34	8.9	20:44	9.1	02:40	1.5	14:52	1.6
Sat 22	August	11:37	7.4	23:57	7.3	05:30	3.2	17:53	3.4
Sun 23	August	12:28	7.1			06:16	3.6	18:50	3.7
Sat 29	August	06:55	9.1	19:16	9.6	00:54	1.4	13:18	1.3
Sun 30	August	07:42	9.6	20:02	10.0	01:43	0.8	14:06	0.8
Sat 05	September	12:00	8.0			06:02	2.5	18:27	2.9
Sun 06	September	00:30	7.5	13:01	7.3	06:58	3.2	19:35	3.5
Sat 12	September	06:56	8.6	19:09	8.9	01:02	2.0	13:17	1.9
Sun 13	September	07:32	8.9	19:45	9.1	01:39	1.7	13:53	1.7
Sat 19	September	10:28	8.0	22:43	7.9	04:26	2.7	16:44	2.8
Sun 20	September	11:03	7.6	23:24	7.4	04:58	3.1	17:20	3.2
Sat 26	September	05:43	8.6	18:06	9.1	12:07	1.9		
Sun 27	September	06:34	9.2	18:56	9.7	00:33	1.3	12:58	1.2

**Appendix IX – Reproduced by kind permission of La Société Guernesiaise
Astronomy Section**

Astronomical events in 2015

as seen from Guernsey

By David Le Conte

We can look forward to two super eclipses this year: a major partial solar eclipse on 20 March, and a total lunar eclipse on 28 September.

There will also be not one but three occultations of the bright star Aldebaran by the Moon. And as usual there will be good opportunities for observing the planets and meteor showers.

VISIBILITY OF THE PLANETS

Mercury will be visible in the periods around its greatest elongations:

Date	Elongation	Direction to look	Time	Comments
14 January	19° Eastern	Low in west	After sunset	Close to Venus
24 February	27° Western	Low in East	Before sunrise	Too low
07 May	21° Eastern	Low in West	After sunset	Between Venus & Mars
24 June	22° Western	Low in East	Before sunrise	
04 September	27° Eastern	Low in West	After sunset	Too low
16 October	18° Western	Low in East	Before sunrise	
29 December	20° Eastern	Low in west	After sunset	Near Venus, Mars & Jupiter

The best times will be mid-January, early May, and late December evenings, and mid-October mornings.

Venus is the “Evening Star” in the west from the beginning of the year, reaching maximum eastern elongation (45°) on 06 June, and maximum brightness (-4.5) on 12 July. After inferior conjunction on 15 August it appears as the ‘Morning Star’ in the east from late August, and remains as such throughout the remainder of the year, reaching maximum western elongation (46°) on 26 October.

At the beginning of the year **Mars** appears low in the west after sunset. It will be in conjunction with Venus on 22 February, when the two planets will appear side by side, just half a degree apart. Conjunction with Mercury is on 22 April, and it will disappear from view at conjunction with the Sun in mid-June. In July it will start appearing low in the east before sunrise, and will remain visible in the morning for the rest of the year, getting higher and higher. On 18 October it will be less than half a degree from Jupiter. It will not reach opposition, however, until May 2016.

Jupiter is at opposition on 06 February in Cancer. With a favourable declination approaching +18° it will, as in recent years, dominate our evening skies in the first half of the year and beyond, as it moves towards Leo and solar conjunction on 26 August. Thereafter it will appear in the eastern morning sky.

We can again expect excellent views of its moons, atmospheric bands on its disc, and the Great Red Spot. Transit, shadow and occultation events involving Jupiter's moons can be calculated using a Java script on the *Sky & Telescope* website (register at <http://tinyurl.com/24kp25> and remember to enter the date in the US format: month/day/year). They can also be simulated on software such as StarryNight (<http://www.starrynightstore.com/>), and there is the *JupiterMoons* app by Sky & Telescope, which also gives the transit times of the Great Red Spot.

On the morning of 24 January between 06.26 and 06.52 UT there will be a triple shadow transit event. Details (from the *Sky & Telescope* website) are:

- 03:10 UT Callisto's shadow begins to cross Jupiter.
- 04:36 UT Io's shadow begins to cross Jupiter.
- 04:56 UT Io begins transit of Jupiter.
- 06:18 UT Callisto begins transit of Jupiter.
- 06:26 UT Europa's shadow begins to cross Jupiter.
- 06:52 UT Io's shadow leaves Jupiter's disk.

Saturn's visibility in 2015 is very similar to last year's. It starts as a morning object, rising in the east in the constellation Libra about 05.00 UT. It will rise earlier and earlier, and by April will be rising at about 23.00. It will reach opposition on 23 May, rising as the Sun sets, and visible all night. It will remain visible, progressively as an evening object, until October. Its declination is still low, so it will not reach a very high altitude. However, with the rings at a good angle it will still present a beautiful sight in telescopes, and its brightest moons, especially Titan, should be visible.

Uranus will be at opposition in Pisces on 12 October, at magnitude 5.7. **Neptune** will be at opposition in Aquarius on 01 September, at magnitude 8.

DWARF PLANETS AND ASTEROIDS

Pluto will reach opposition on 26 July, at magnitude 14, close to Saturn in Libra. NASA's New Horizons spacecraft, launched in 2006, will fly past it on 14 July.

Ceres reaches opposition on the same day in the same part of the sky, in Sagittarius at magnitude 7. NASA's Dawn spacecraft is due to start orbiting it in April, later than planned because a high-energy particle event forced it to enter safe mode for a while, which cut out its ion drive system. (See <http://dawn.jpl.nasa.gov/>.)

The other three dwarf planets (Eris, Makemake and Haumea) are too faint to be seen in most amateur telescopes. The brightest asteroid, **Vesta** is at opposition on 29 September, at magnitude 6 in Cetus.

ECLIPSES

We are overdue for eclipses, and this year brings two good ones.

Partial solar eclipse – 20 March

The first occurs on Friday, 20 March when the Sun will be totally eclipsed as seen from the Faroes or Svalbard (or from cruise ships off Iceland, for example). The further north you go in the UK the better it is. In Inverness, for example, the eclipse magnitude will be 96%, compared with Guernsey's 86%.

Nevertheless, for us this will be an excellent partial eclipse – the best since 1999. It starts at 08.19 when the Sun, having risen at 06.15, is at an altitude of 19°. The Moon will then gradually creep in front of the Sun, until maximum eclipse at 09.25, when almost 86% of the Sun will be covered by the Moon. The eclipse will end at 10.35, by which time the Sun's altitude will be 35°.

Members of the Astronomy Section of La Société are welcome to the Guernsey Observatory for this event. It will not, however, be open to the public.

It is dangerous to look at the Sun directly, and extremely dangerous to use any optical instrument such as binoculars or telescope. There are safe methods of viewing a partial solar eclipse, including projection methods and the use of filters specifically designed for this purpose. Further details can be found at: <http://www.mreclipse.com/Totality2/TotalityCh11.html> and <http://www.skyandtelescope.com/observing/how-to-watch-a-partial-solar-eclipse-safely/>. Detailed advice on telescope projection and filters is at the Society for Popular Astronomy's Solar Section website: <http://www.popastro.com/solar/index.php>.

Solar filters can be obtained from several specialist suppliers in the UK. Authoritative articles about solar filter safety are at <http://eclipse.gsfc.nasa.gov/SEhelp/safety2.html> and <http://www.skyandtelescope.com/observing/solar-filter-safety/>.

This eclipse occurs at the vernal equinox, when, within a day or two, there are naturally large spring tides. With the Sun and Moon so precisely aligned on this occasion, and with lunar perigee occurring just a few hours earlier – at 19.39 on 19 March – we can expect exceptionally large tides. Indeed, the UK Hydrographic Office is predicting a tide of 10.3 metres for Guernsey on 22 March.

The eclipse is one of the Saros 120 series, the last of which was in 1997, the next of the series being in 2033. The NASA website for this eclipse is at <http://eclipse.gsfc.nasa.gov/SEgoogle/SEgoogle2001/SE2015Mar20Tgoogle.html>

The next solar eclipse visible from Guernsey will be on 21 August 2017. It will, however, be only a minor one (13%) at sunset. The next good solar eclipse (95%) will be on 12 August 2026, and the next total solar eclipse in Guernsey will be on 03 September 2081!

Total lunar eclipse – 28 September

On the night of 27/28 September we will have a **total eclipse of the Moon**, albeit in the middle of the night. The total phase will last 1hr 12m. The details (in BST) are:

Moon enters penumbra:	01.10
Moon enters umbra:	02.06
Start of totality:	03.10
Maximum eclipse:	03.47
End of totality:	04.23
Moon leaves umbra:	05.27
Moon leaves penumbra:	06.23

A partial solar eclipse on 13 September will not be visible from Guernsey – only from Southern Africa and Antarctica. And a total lunar eclipse on 04 April will also not be visible.

The next total lunar eclipse visible from Guernsey will be in 2018, but it will not be as good as the September 2015 one.

OCCULTATIONS AND CONJUNCTIONS

There are three occultations of Aldebaran by the Moon this year:

05 September	05.45 to 07.03 BST
29 October	22.43 to 23.41 BST
23 December	18.05 to 19.05 UT.

Conjunctions of planets with the Moon, with their separations (for best times see table at end of the article):

Venus:	07 December	2°
Mars:	06 December	0.7°
Jupiter:	04 December	2°
Saturn:	16 January	1.5°
	12 March	2°
	05 May	3°
	01 June	1°
	28 June	1.5°
	22 August	2°
	16 October	2°
	10 December	2°
Uranus:	09 July	1.5°
	05 August	3°
	29 September	1.3°
	22 November	1.4°
	20 December	1.7°

The best conjunctions between planets, with their separations, are:

11 January	Mercury and Venus	0.7°
22 February	Venus and Mars	0.5°
04 March	Venus and Uranus	0.1°
11 March	Mars and Uranus	0.3°
22 April	Mercury and Mars	1.25°
01 July	Venus and Jupiter	0.5°
06/07 August	Mercury and Jupiter	1°
18 October	Mars and Jupiter	0.4°
25 October	Venus and Jupiter	1.2°
03 November	Mars and Venus	0.4°

METEORS

The **Quadrantids** peak on the night of 03/04 January, unfortunately coinciding an almost Full Moon. The **Perseids** peak on the morning of 13 August, with up to 80 per hour. With the New

Moon occurring on the 14th conditions for observing these meteors are excellent. The richest annual shower, the **Geminids**, with some 100 per hour, peaks on the night of 13/14 December. With New Moon on the 11th, the thin crescent Moon will be setting about 6.30 pm on the 13th, so, given clear skies, conditions should be good for this shower.

There are, of course, minor meteor showers during the year, and sporadics may be seen at any time.

COMETS

As was demonstrated last year with the fizzling of Comet ISON, the behaviour of comets is notoriously difficult to predict. However, a couple of comets may well be visible from our northern location.

2013 US₁₀ (Catalina) will be mainly visible from the southern hemisphere, but it will appear low in the east in our morning skies from mid-November, probably reaching naked-eye visibility. On the mornings of 07 and 08 December it will be close to Venus and the crescent Moon.

67P/Churymov-Gerasimenko has been in the news as the comet being studied by the Rosetta spacecraft and its lander Philae. It is due to reach perihelion on 13 August, and may reach magnitude 9 to 11 in late September as a morning object in the east. Terrestrial observations are being encouraged to support the spacecraft observations.

Detailed comet predictions for 2015 are available on the website of the British Astronomical Association's Comet Section: <http://www.ast.cam.ac.uk/~jds/preds15.pdf>. Also check the Heavens-Above website (www.heavens-above.com) for star charts showing comet positions.

THE SUN

We are now past the maximum of the sunspot cycle, and we can expect numbers to decline. Nevertheless, there can be outbursts of activity, with displays of the aurora borealis (and australis) at high latitudes. Indeed, as recently as October 2014 the largest sunspot group in 24 years appeared. Details of sunspot numbers are at www.ips.gov.au/Solar/1/6, and auroral alerts, with lots of other information, is at www.spaceweather.com.

EQUINOXES AND SOLSTICES

The following are the dates and times of the equinoxes and solstices in 2015:

Vernal Equinox	20 March	22.44 UT
Summer Solstice	21 June	17.37 BST
Autumnal Equinox	23 September	09.20 BST
Winter Solstice	22 December	04.47 UT

SATELLITES

The International Space Station (ISS) is regularly visible from Guernsey, looking like a very bright star crossing our skies from west to east. Also of interest are flashes from the Iridium satellites, and periodic launches of ISS servicing craft. Many other, fainter, satellites appear every night. Details of the times and directions of visibility (together with sky charts and much

more) can be obtained from www.heavens-above.com, linked from our website, www.astronomy.org.gg.

WEA COURSE

The Astronomy Section's annual six-week WEA "Star Gazing" course at the Observatory will be run from 05 February to 12 March. It is usually over-subscribed, so early enrolment is recommended. See www.wea.org.gg, or telephone 237888.

OPEN DAYS

The Observatory will be open to the public again for a number of Thursday evenings during the year, including weekly openings during the summer holidays (23 July to 27 August), and on 29 October. There will probably also be a spring opening, and perhaps a daytime one for observing the Sun. Details will appear on the website (www.astronomy.org.gg) and in local media.

REFERENCES

SkyMap Pro and *Starry Night Pro* software
RAS diary 2015

CALENDAR OF ASTRONOMICAL EVENTS IN 2015

Month	Date	Time	Event
January	04	06.37 UT	Earth at perihelion
January	03/04		Quadrantid meteor shower (unfavourable)
January	11	After sunset	Mercury and Venus conjunction (0.7°)
January	14	After sunset	Mercury at greatest eastern elongation
January	16	Morning	Moon and Saturn conjunction (1.5°)
January	24	Morning	Jupiter's moons triple shadow event
February	05	19.30 UT	WEA course starts at Observatory
February	06	All night	Jupiter at opposition
February	22	After sunset	Venus and Mars conjunction (0.5°)
March	04	After sunset	Venus and Uranus conjunction (0.1°)
March	11	After sunset	Mars and Uranus conjunction (0.3°)
March	12	Morning	Moon and Saturn conjunction (2°)
March	12	19.30 UT	WEA course – final class
March	20	22.44 UT	Vernal Equinox
March	20	08.19 – 10.35 UT	Solar eclipse (86% in Guernsey)
March	29	01.00 UT	BST starts
February	24	Before sunrise	Mercury at greatest western elongation
April			<i>Dawn</i> spacecraft arrives at Ceres
April	22	After sunset	Mercury and Mars conjunction (1.3°)
May	05	Evening	Moon and Saturn conjunction (3°)
May	07	After sunset	Mercury at greatest eastern elongation
May	23	All night	Saturn at opposition
June	01	Evening	Moon and Saturn conjunction (1°)
June	06	After sunset	Venus at maximum eastern elongation
June	06	Evening	Venus at maximum eastern elongation
June	14	All night	Ceres at opposition (magnitude 7)

Mid-June			Mars conjunction with Sun
June	21	17.37 BST	Summer Solstice
June	24	Before sunrise	Mercury at greatest western elongation
June	28	Early morning	Moon and Saturn conjunction (1.5°)
July	01	Evening	Venus and Jupiter conjunction (0.5°)
July	02	All night	Pluto at opposition (magnitude 14)
July	06	20.41 BST	Earth at aphelion
July	09	Morning	Moon and Uranus conjunction (1.5°)
July	12	Evening	Venus at maximum brightness (-4.5)
July	14		<i>Horizons</i> spacecraft flyby of Pluto
July	23	Evening	Observatory Open Evenings start
August	05	Morning	Moon and Uranus conjunction (3°)
August	06/07	After sunset	Mercury and Jupiter conjunction (1°)
August	12/13		Perseid meteor shower (favourable)
August	13		Comet 67P/C-G at perihelion
August	15		Venus at inferior conjunction
August	22	Early evening	Moon and Saturn conjunction (2°)
August	26		Jupiter conjunction with Sun
August	27	Evening	Observatory Open Days end
September	01	All night	Neptune at opposition (magnitude 8)
September	05	05.45 to 07.03 BST	Lunar occultation of Aldebaran
September	16	After sunset	Mercury at greatest eastern elongation
September	23	09.20 BST	Autumnal Equinox
September	late	Morning	Comet 67P/C-G may be visible
September	28	01.10 - 06.23 BST	Total lunar eclipse
September	29	Early morning	Moon and Uranus conjunction (1.3°)
September	29	All night	Vesta at opposition (magnitude 6)
October	16	Early evening	Moon and Saturn conjunction (2°)
October	12	All night	Uranus at opposition (magnitude 5.7)
October	16	Before sunrise	Mercury at greatest western elongation
October	18	Morning	Mars and Jupiter conjunction (0.4°)
October	25	02.00 BST	BST ends
October	25	Morning	Venus and Jupiter conjunction (1.2°)
October	26	Before sunrise	Venus at maximum western elongation
October	29	18.00 BST	Observatory Open Evening
October	29	22.43 to 23.41 BST	Lunar occultation of Aldebaran
November	03	Morning	Mars and Venus conjunction (0.4°)
November	Mid	Morning	Comet 2013 US ₁₀ (Catalina) low in east
November	22	Early evening	Moon and Uranus conjunction (1.4°)
December	04	Morning	Moon and Jupiter conjunction (2°)
December	04	18.05 to 19.05 UT	Lunar occultation of Aldebaran
December	06	Morning	Moon and Mars conjunction (0.7°)
December	07/08	Morning	Comet 2013 US ₁₀ (Catalina) near Venus
December	07	Morning	Moon and Venus conjunction (2°)
December	10	Early evening	Moon and Saturn conjunction (2°)
December	13/14		Geminid meteor shower (favourable)
December	20	Morning	Moon and Uranus conjunction (1.7°)
December	22	04.47 UT	Winter Solstice
December	29	After sunset	Mercury at greatest eastern elongation

Lihou Island - Causeway Opening Times - 2015

All times BST. No responsibility can be accepted for any consequence arising out of the use of these tables.

Date	Opens	Closes												
01-May	11:17	12:51	01-Jun	11:35	13:53	01-Jul	11:47	14:14	01-Aug	12:33	15:57	01-Sep	13:32	17:20
02-May	11:28	13:54	02-Jun	12:04	14:45	02-Jul	12:19	15:12	02-Aug	13:13	16:47	02-Sep	14:19	17:57
03-May	11:53	14:42	03-Jun	12:37	15:30	03-Jul	12:56	16:03	03-Aug	13:56	17:31	03-Sep	15:13	18:27
04-May	12:24	15:22	04-Jun	13:15	16:11	04-Jul	13:36	16:49	04-Aug	14:44	18:10	04-Sep	16:25	18:44
05-May	12:57	15:56	05-Jun	13:57	16:48	05-Jul	14:21	17:31	05-Aug	15:38	18:42	05-Sep	Closed	
06-May	13:34	16:26	06-Jun	14:45	17:22	06-Jul	15:12	18:10	06-Aug	16:52	19:05	06-Sep	Closed	
07-May	14:16	16:52	07-Jun	15:43	17:53	07-Jul	16:13	18:44	07-Aug	Closed		07-Sep	Closed	
08-May	15:07	17:14	08-Jun	17:01	18:16	08-Jul	17:32	19:09	08-Aug	Closed		08-Sep	Closed	
09-May	16:21	17:22	09-Jun	Closed		09-Jul	Closed		09-Aug	Closed		09-Sep	Closed	
10-May	Closed		10-Jun	Closed		10-Jul	Closed		10-Aug	Closed		10-Sep	Closed	
11-May	Closed		11-Jun	Closed		11-Jul	Closed		11-Aug	Closed		11-Sep	11:48	13:23
12-May	Closed		12-Jun	Closed		12-Jul	Closed		12-Aug	Closed		12-Sep	11:59	14:23
13-May	Closed		13-Jun	09:50	11:45	13-Jul	Closed		13-Aug	11:56	13:55	13-Sep	12:21	15:09
14-May	09:21	11:04	14-Jun	10:30	12:58	14-Jul	11:26	13:20	14-Aug	12:18	14:50	14-Sep	12:49	15:47
15-May	09:51	12:32	15-Jun	11:12	14:01	15-Jul	11:57	14:23	15-Aug	12:46	15:35	15-Sep	13:22	16:17
16-May	10:30	13:41	16-Jun	11:54	14:54	16-Jul	12:31	15:14	16-Aug	13:17	16:12	16-Sep	13:58	16:40
17-May	11:12	14:38	17-Jun	12:36	15:40	17-Jul	13:07	15:57	17-Aug	13:52	16:42	17-Sep	14:39	16:54
18-May	11:56	15:28	18-Jun	13:20	16:19	18-Jul	13:44	16:32	18-Aug	14:30	17:03	18-Sep	15:33	16:54
19-May	12:41	16:11	19-Jun	14:05	16:51	19-Jul	14:25	17:00	19-Aug	15:16	17:14	19-Sep	Closed	
20-May	13:28	16:47	20-Jun	14:55	17:14	20-Jul	15:10	17:18	20-Aug	Closed		20-Sep	Closed	
21-May	14:18	17:15	21-Jun	15:59	17:21	21-Jul	16:13	17:18	21-Aug	Closed		21-Sep	Closed	
22-May	15:17	17:31	22-Jun	Closed		22-Jul	Closed		22-Aug	Closed		22-Sep	Closed	
23-May	Closed		23-Jun	Closed		23-Jul	Closed		23-Aug	Closed		23-Sep	Closed	
24-May	Closed		24-Jun	Closed		24-Jul	Closed		24-Aug	Closed		24-Sep	Closed	
25-May	Closed		25-Jun	Closed		25-Jul	Closed		25-Aug	Closed		25-Sep	Closed	
26-May	Closed		26-Jun	Closed		26-Jul	Closed		26-Aug	Closed		26-Sep	10:47	13:16
27-May	Closed		27-Jun	Closed		27-Jul	Closed		27-Aug	Closed		27-Sep	11:12	14:29
28-May	Closed		28-Jun	Closed		28-Jul	Closed		28-Aug	11:09	13:35	28-Sep	11:48	15:27
29-May	Closed		29-Jun	Closed		29-Jul	Closed		29-Aug	11:35	14:47	29-Sep	12:28	16:17
30-May	Closed		30-Jun	11:26	13:02	30-Jul	11:30	13:52	30-Aug	12:10	15:46	30-Sep	13:11	17:00
31-May	Closed					31-Jul	12:00	14:55	31-Aug	12:50	16:38			

DANGER: Causeway closing times can vary by up to 20 minutes due to weather conditions. Return to Guernsey before the causeway closure time.

Please be aware of the rapidly rising tide and do not attempt to cross the causeway if it is submerged at any point.

Guernsey Met Office

2015 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Mon 05 Jan	1.8	13:00	Tue 03 Feb	1.9	12:43
Tue 06 Jan	1.7	13:38	Wed 04 Feb	1.6	13:20
Wed 07 Jan	1.7	14:13	Thu 05 Feb	1.6	13:53
Tue 20 Jan	1.2	12:38	Wed 18 Feb	1.0	12:22
Wed 21 Jan	0.8	13:26	Thu 19 Feb	0.5	13:11
Thu 22 Jan	0.6	14:12	Fri 20 Feb	0.2	13:57

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Thu 05 Mar	1.6	12:55	Sat 04 Apr	1.5	13:57
Fri 06 Mar	1.5	13:27	Sun 05 Apr	1.4	14:28
Sat 07 Mar	1.4	13:57	Mon 06 Apr	1.5	14:57
Fri 20 Mar	0.4	12:51	Sat 18 Apr	0.6	13:27
Sat 21 Mar	0.1	13:36	Sun 19 Apr	0.4	14:12
Sun 22 Mar	0.1	14:18	Mon 20 Apr	0.4	14:55

All times local

Phases of the Moon - 2015

New Moon	First Quarter	Full Moon	Last Quarter
20th Jan	27th Jan	5th Jan	13th Jan
18th Feb	25th Feb	3rd Feb	12th Feb
20th Mar	27th Mar	5th Mar	13th Mar
18th Apr	26th Apr	4th Apr	12th Apr
18th May	25th May	4th May	11th May
16th Jun	24th Jun	2nd Jun	9th Jun
16th Jul	24th Jul	2nd Jul	8th Jul
14th Aug	22nd Aug	31st Jul	7th Aug
13th Sep	21st Sep	29th Aug	5th Sep
13th Oct	20th Sep	28th Sep	4th Oct
11th Nov	19th Oct	27th Oct	3rd Nov
11th Dec	18th Nov	25th Nov	3rd Dec
	18th Dec	25th Dec	

GUERNSEY AIRPORT SUNRISE/SUNSET TIMES - 2015

2015 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

15 DY	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		15 DY												
	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS													
1	T	0806	1622	S	0743	1706	S	0654	1753	W	0548	1841	F	0449	1927	M	0409	2008	W	0408	2020	S	0441	1951	T	0526	1854	T	0609	1750	S	0658	1649	T	0744	1614	1
2	F	0806	1623	M	0741	1707	M	0652	1754	T	0546	1843	S	0447	1928	T	0408	2009	T	0409	2020	S	0443	1950	W	0527	1852	F	0611	1748	M	0700	1648	W	0745	1614	2
3	S	0806	1624	T	0740	1709	T	0650	1756	F	0544	1844	S	0446	1930	W	0408	2010	F	0409	2020	M	0444	1948	T	0529	1850	S	0612	1746	T	0701	1646	T	0747	1613	3
4	S	0806	1625	W	0738	1711	W	0648	1757	S	0542	1846	M	0444	1931	T	0407	2011	S	0410	2019	T	0445	1947	F	0530	1848	S	0614	1744	W	0703	1644	F	0748	1613	4
5	M	0806	1626	T	0737	1712	T	0646	1759	S	0540	1847	T	0442	1933	F	0407	2011	S	0411	2019	W	0447	1945	S	0531	1846	M	0615	1741	T	0704	1643	S	0749	1612	5
6	T	0806	1627	F	0735	1714	F	0644	1801	M	0538	1849	W	0441	1934	S	0406	2012	M	0412	2018	T	0448	1944	S	0533	1844	T	0617	1739	F	0706	1641	S	0750	1612	6
7	W	0805	1628	S	0734	1716	S	0642	1802	T	0536	1850	T	0439	1936	S	0406	2013	T	0412	2018	F	0449	1942	M	0534	1842	W	0619	1737	S	0708	1640	M	0752	1612	7
8	T	0805	1629	S	0732	1718	S	0640	1804	W	0534	1852	F	0437	1937	M	0405	2014	W	0413	2017	S	0451	1940	T	0536	1840	T	0620	1735	S	0709	1638	T	0753	1611	8
9	F	0804	1631	M	0731	1719	M	0637	1805	T	0532	1853	S	0436	1939	T	0405	2015	T	0414	2017	S	0452	1939	W	0537	1837	F	0622	1733	M	0711	1637	W	0754	1611	9
10	S	0804	1632	T	0729	1721	T	0635	1807	F	0530	1855	S	0434	1940	W	0404	2015	F	0415	2016	M	0454	1937	T	0539	1835	S	0623	1731	T	0713	1635	T	0755	1611	10
11	S	0803	1633	W	0727	1723	W	0633	1809	S	0528	1856	M	0433	1942	T	0404	2016	S	0416	2015	T	0455	1935	F	0540	1833	S	0625	1729	W	0714	1634	F	0756	1611	11
12	M	0803	1635	T	0726	1724	T	0631	1810	S	0525	1858	T	0431	1943	F	0404	2017	S	0417	2014	W	0457	1933	S	0542	1831	M	0626	1727	T	0716	1633	S	0757	1611	12
13	T	0802	1636	F	0724	1726	F	0629	1812	M	0523	1900	W	0430	1944	S	0404	2017	M	0418	2014	T	0458	1932	S	0543	1829	T	0628	1725	F	0717	1631	S	0758	1611	13
14	W	0802	1637	S	0722	1728	S	0627	1813	T	0521	1901	T	0429	1946	S	0404	2018	T	0419	2013	F	0500	1930	M	0544	1827	W	0629	1723	S	0719	1630	M	0759	1611	14
15	T	0801	1639	S	0720	1729	S	0625	1815	W	0519	1903	F	0427	1947	M	0404	2018	W	0420	2012	S	0501	1928	T	0546	1825	T	0631	1721	S	0721	1629	T	0759	1611	15
16	F	0800	1640	M	0719	1731	M	0623	1816	T	0517	1904	S	0426	1949	T	0403	2019	T	0421	2011	S	0502	1926	W	0547	1822	F	0632	1719	M	0722	1628	W	0800	1612	16
17	S	0759	1642	T	0717	1733	T	0621	1818	F	0515	1906	S	0425	1950	W	0403	2019	F	0422	2010	M	0504	1924	T	0549	1820	S	0634	1717	T	0724	1626	T	0801	1612	17
18	S	0759	1643	W	0715	1734	W	0618	1820	S	0513	1907	M	0423	1951	T	0403	2020	S	0423	2009	T	0505	1922	F	0550	1818	S	0636	1715	W	0725	1625	F	0802	1612	18
19	M	0758	1645	T	0713	1736	T	0616	1821	S	0511	1909	T	0422	1953	F	0404	2020	S	0425	2008	W	0507	1920	S	0552	1816	M	0637	1713	T	0727	1624	S	0802	1612	19
20	T	0757	1646	F	0711	1738	F	0614	1823	M	0510	1910	W	0421	1954	S	0404	2020	M	0426	2007	T	0508	1919	S	0553	1814	T	0639	1711	F	0728	1623	S	0803	1613	20
21	W	0756	1648	S	0709	1739	S	0612	1824	T	0508	1912	T	0420	1955	S	0404	2020	T	0427	2006	F	0510	1917	M	0555	1812	W	0640	1709	S	0730	1622	M	0803	1613	21
22	T	0755	1649	S	0708	1741	S	0610	1826	W	0506	1913	F	0418	1956	M	0404	2021	W	0428	2005	S	0511	1915	T	0556	1809	T	0642	1707	S	0731	1621	T	0804	1614	22
23	F	0754	1651	M	0706	1743	M	0608	1827	T	0504	1915	S	0417	1958	T	0404	2021	T	0429	2004	S	0513	1913	W	0558	1807	F	0643	1705	M	0733	1620	W	0804	1614	23
24	S	0753	1653	T	0704	1744	T	0606	1829	F	0502	1916	S	0416	1959	W	0405	2021	F	0431	2002	M	0514	1911	T	0559	1805	S	0645	1703	T	0734	1619	T	0805	1615	24
25	S	0752	1654	W	0702	1746	W	0603	1830	S	0500	1918	M	0415	2000	T	0405	2021	S	0432	2001	T	0515	1909	F	0601	1803	S	0647	1702	W	0736	1618	F	0805	1615	25
26	M	0750	1656	T	0700	1748	T	0601	1832	S	0458	1919	T	0414	2001	F	0405	2021	S	0433	2000	W	0517	1907	S	0602	1801	M	0648	1700	T	0737	1617	S	0805	1616	26
27	T	0749	1657	F	0658	1749	F	0559	1834	M	0456	1921	W	0413	2002	S	0406	2021	M	0434	1959	T	0518	1905	S	0604	1759	T	0650	1658	F	0739	1617	S	0806	1617	27
28	W	0748	1659	S	0656	1751	S	0557	1835	T	0454	1922	T	0412	2004	S	0406	2021	T	0436	1957	F	0520	1903	M	0605	1756	W	0651	1656	S	0740	1616	M	0806	1618	28
29	T	0747	1701				S	0555	1837	W	0453	1924	F	0412	2005	M	0407	2021	W	0437	1956	S	0521	1901	T	0606	1754	T	0653	1654	S	0741	1615	T	0806	1619	29
30	F	0745	1702				M	0553	1838	T	0451	1925	S	0411	2006	T	0407	2020	T	0438	1954	S	0523	1859	W	0608	1752	F	0655	1653	M	0743	1615	W	0806	1619	30
31	S	0744	1704				T	0551	1840				S	0410	2007				F	0440	1953	M	0524	1856				S	0656	1651				T	0806	1620	31