

**GUERNSEY AIRPORT  
METEOROLOGICAL OBSERVATORY**



# 2009 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 2009**

The 2009 Guernsey Annual Weather Report is produced and printed by

## **The Guernsey Airport Meteorological Office**

in association with

## **The States of Guernsey Environment Department**

Front cover photo:

**28<sup>th</sup> August 2009** – ragged low cumulus clouds blow over Point Robert Lighthouse. An area of low pressure comprising the remnants of Hurricane Bill had moved towards the Bailiwick on the previous day bringing warm gusty winds and raising much dust from Sark's dry roads. A little overnight rain and a cool south-westerly breeze heralded the start of a clearer, fresher day in the island. Sark's "Met Office" – run by Mr Roy Cook – is visible above the lighthouse.

Photo credit: Martin Crozier.



# Guernsey Airport Meteorological Office – Annual Report 2009

## 2009 – Senior Met Officer's Report

Years are often recalled by the weather extremes that they produce. 1976 was the year of the drought, 1987 was the year of the “hurricane” and 2003 was the year of the heat wave. If 2009 is remembered for anything, it will probably be as the “year of the snow”. Until the winter of 2008/2009, a long run of mild winters with only occasional light short-lasting snowfall had ensured that many young locals had never had the opportunity to enjoy time off school with all the snow that was needed for building large snowmen – and even igloos. That all changed on the morning of February 2<sup>nd</sup> as the island woke up to a snow cover that was – on average – about 20cm deep.



*Snow on rocks at Pleinmont – 2<sup>nd</sup> February 2009. Photo credit – Martin Crozier*

Even before the snow arrived, however, motorists had been rediscovering the skill of driving safely on ice as road temperatures fell below zero on a number of occasions and roads became coated by white hoar frost overnight. Mid-January produced a notable night-time minimum temperature of -3.4°C.

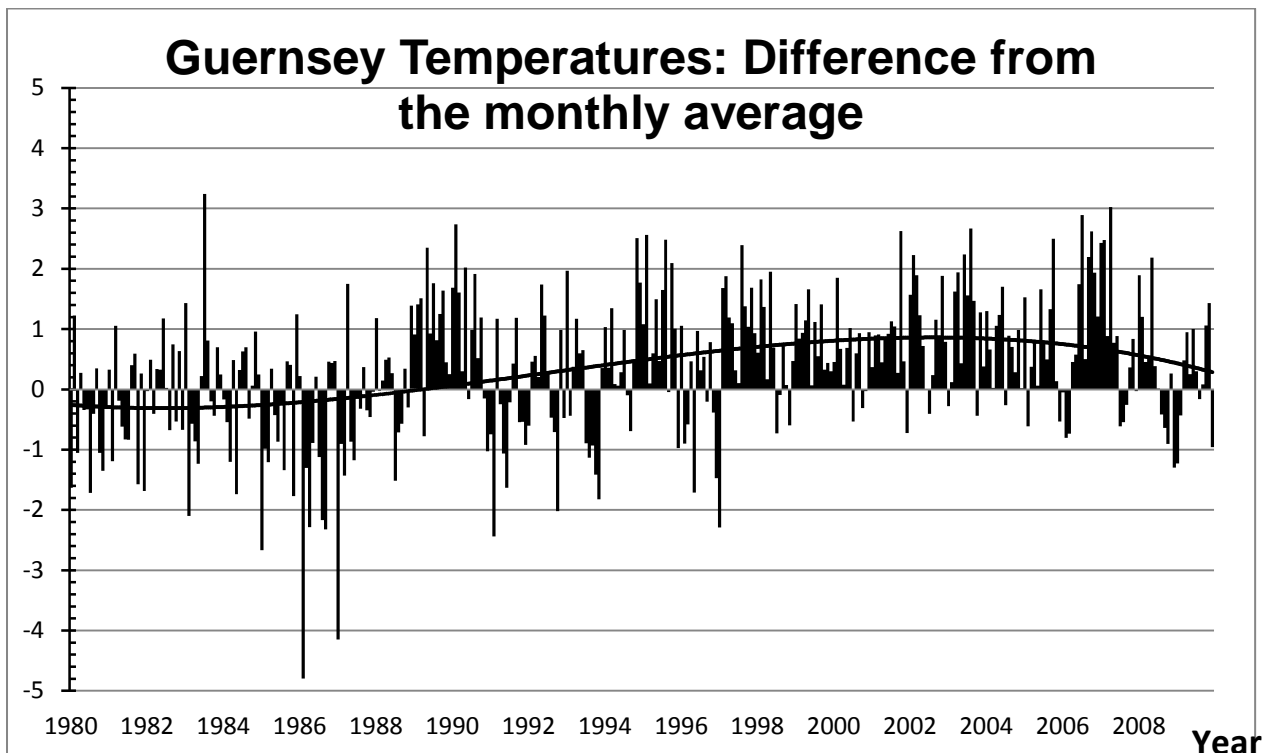
2009 was not, of course, all about ice and snow. Although the summer was by no means a classic, it did produce a couple of genuinely hot days, some reasonable beach weather and a spell with very little rainfall. The autumn was also pleasantly mild – a good contrast

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to the autumn of 2008 – even if November did spoil things somewhat with excessive rainfall.

All in all, however, 2009 was rather like a throwback to the Guernsey climate of the 1970s with occasional snow, ice, an indifferent summer, above average rainfall and an annual mean temperature that was very close to average.

The latter half of this decade has seen the beginnings of a decline in Guernsey's annual temperatures and 2009 continued that pattern. It is too early to call the decline a trend as it is not statistically significant; however some computer model projections of an increase in the Bailiwick's temperatures during the course of this decade (and subsequent decades) are now starting to look somewhat overstated. The graph below shows data to December 2009.



In some ways 2009 produced fewer “weather headlines” around the world than previous years. Global temperatures continued to oscillate around a level that has not changed in a statistically significant way over the course of the past decade. Globally, the warmest year is still 1998. When averaged over the full 30-year satellite record however, a statistical trend emerges showing warming of  $0.127^{\circ}\text{C}$  per decade. Data available at: [http://vortex.nsstc.uah.edu/data/msu/t2lt/tltqlhmam\\_5.2](http://vortex.nsstc.uah.edu/data/msu/t2lt/tltqlhmam_5.2)

Sea ice in the Arctic Ocean (which fell to the lowest extent recorded by orbiting satellites in the summer of 2007) continued to recover slowly with the summer minimum being higher than that of 2008. Climate models predict a decrease to resume in the near future. The Arctic sea ice data is available at: [http://www.ijis.iarc.uaf.edu/en/home/seaice\\_extent.htm](http://www.ijis.iarc.uaf.edu/en/home/seaice_extent.htm)

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Only 3 hurricanes formed in the Atlantic but dissipated without causing major damage. The North Pacific cyclone season started very late but produced a higher than usual number of storms in August. Again, these caused relatively little damage and gathered few headlines. A measure of hurricane activity (expressed as ACE or Accumulated Cyclone Energy) is shown here: [http://www.coaps.fsu.edu/~maue/tropical/global\\_year\\_ace.jpg](http://www.coaps.fsu.edu/~maue/tropical/global_year_ace.jpg)



*January 2009 – The Saumarez Park ducks learn how to walk on their pond. Photo credit – Kevin Butt.*

For the real climate action in 2009, however, it was not necessary to look to the heavens as there was more than enough drama on earth in the form of the Copenhagen Climate Conference which took place in December. The conference was billed as an international accord that would require participant countries to sign up to a binding agreement on Carbon Dioxide emissions. In reality, this was not achieved and even a non-binding accord and its accompanying statement were rejected by some countries.

The conference was already overshadowed by the growth of “climate change scepticism” with more attention being paid to scientists who expressed reservations concerning the idea that increased man-made greenhouse gas emissions would lead to catastrophic climate change. The shift in public opinion started in the USA where over half the people interviewed in a CNN poll now believe that global warming either does not exist or is part of a natural cycle. See: <http://i2.cdn.turner.com/cnn/2009/images/12/07/rel18e.pdf>

In the UK, newspapers such as the Daily Mail, Daily Express and Daily Telegraph began running “climate sceptic” articles. In November, a large file containing emails, data, programs and accompanying program notes from the University of East Anglia’s Climate

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Research Unit was leaked onto an internet file server in Russia. The University's earlier refusals to accede to requests under the UK's Freedom of Information Act for certain computer files of climate data had fuelled suspicions, so the leaked data aroused much discussion and remains available for dissection by anyone with a working knowledge of computer languages such as IDL and Fortran. A police investigation of the leak is underway and the UK Met Office has undertaken to review the accuracy of its climate data. See: <http://www.timesonline.co.uk/tol/news/environment/article6945445.ece>



*29<sup>th</sup> June 2009 – a thunderstorm drifts up the east coast of Guernsey. The storm provided much needed rainfall – but only in Sark. The thin, wispy cloud hugging the top of the main cloud is known as a “Pileus Cloud”. Pileus is a relatively rare cloud to be sighted in the Bailiwick and is formed when the air inside the parent cloud is rising very rapidly forcing the air above it to move upwards and cool so rapidly that tiny ice crystals form in what was clear air. Photo credit – Keith Rouillard.*

### Guernsey Met Office in 2009

2009 saw the departure of our trainee observer Kevin Mechem and we were joined by Russ Smith who is currently in the process of completing his training. With an observer in training throughout the course of the whole year, remaining staff members had to work

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overtime to keep the office running so I am, as usual, indebted to their efforts and enthusiasm – something which is not always easy to maintain in the face of an increased number of night shifts!

Also, thanks are due to our tiny network of volunteer observers – especially those who provide us with valuable data from our smaller islands such as Roy Cook in Sark and Brian Bonnard in Alderney.

Finally, I should note that this – and future – Annual Reports will not be sold as printed reports but will instead be available via free download from Guernsey Met Office's web site at <http://www.metoffice.gov.gg/>. This is due to the rising cost of printing a small number of reports in house but it also marks the start of a time when Guernsey Met Office will move towards making more data and comment available online for no charge.

The report has been produced in a format that should make it possible for readers to download and print themselves should they still wish to own a paper copy so I hope that this change does not inconvenience too many customers.

*Martin S. Crozier  
Senior Meteorological Officer  
January 2010*



*A patch of dense cirrus and cirrocumulus drifts over the island in calm anticyclonic conditions on 14<sup>th</sup> October 2009. Photo Credit: Martin Crozier*



## METEOROLOGICAL OFFICE GUERNSEY AIRPORT

### COMMENT ON THE WEATHER OF 2009

The winter produced the coldest weather experienced in more than a decade, with snowfall on the night of February 1st giving the greatest depth since January 1987. January was the coldest since 1997, being more than 1°C colder than any intervening one. The colder first half of the month was generally dry and relatively quiet, but the unsettled and wet conditions that followed were accompanied by stronger winds. A cold start to February was almost matched by milder weather later and rather windy and wet conditions were replaced by dry and quiet weather. For the rest of the month after the 9<sup>th</sup> of February there were just 2.0mm of rain and winds mean wind speeds were below 10kn on all but two days after the 10<sup>th</sup>. Sunshine was also well above average, although much less sunny than February 2008.

With all three winter months being colder than normal, this was the coldest winter since 1991. It was, though, sunnier and drier than usual, although there was a very wet period from 12<sup>th</sup> January to 9<sup>th</sup> February when we had 164.2mm of rain. This had followed an exceptionally dry spell from the 15<sup>th</sup> December 2008 until the 11<sup>th</sup> January this year, during which we had only 4.9mm of rain. The sunny winter was followed by the sunniest March yet recorded at the Airport. Despite the sunshine rainfall was only slightly below average due to wet weather early on. Mild weather predominated, although it was rather cold early on, and towards the end of the month it also turned chilly again. The last two days saw unbroken sunshine with light winds, but these conditions had allowed a couple of ground frosts overnight. The wind speed was on the whole lighter than normal, however, there were a couple of windy spells.

Lower than average pressure dominated the weather during April, but winds blowing in mostly from the south, meant that temperatures were above average. There was no markedly warm weather and sunshine only just about reached average figures. This was a slightly wetter April than is usual, with the rain falling on more days than expected. Most of the rain, though, fell on just three days, these being the 15<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup>. Winds were light for almost the whole month with the second lowest mean wind speed on record. May was generally an average month with both the mean temperature and sunshine being very close to normal. These figures mask the fact that there was little sign of warmth in the first three weeks and there was a daily average of less than six hours of sunshine for the first 17 days. The last three days in particular saw unbroken sunshine with temperatures well above average. A wet week from the 11<sup>th</sup> to 17<sup>th</sup> meant we had a wet month overall.

The spring was slightly warmer than the long-term average, although it was cooler than the last three. Thanks to the record-breaking sunshine in March this spring was the sunniest since 2004. Rainfall was close to the average and the driest for a couple of years. The sunny end to May continued into June and this was generally the best of the summer months. The mean temperature was the highest for three years with the lowest rainfall since 2001. Sunshine was above average, although this was much less sunny than June 2008. For the first time since 2006 there were a couple of days with real summer heat, but this did bring the threat of thunder.

The late June heat was followed by an even hotter day on July 1<sup>st</sup>, but thereafter the weather was below par for the third July in succession. This was marginally warmer than average, but there was more than twice the average rainfall, with below average sunshine. The very unsettled nature of this month's weather meant that rain fell at some stage on all but six days, even though the amount might not have been measurable. August might have been a much drier month, but sunshine was lacking for a large part of the time. Daytime warmth was in short supply during the first half of the month, due to the lack of sunshine. Until the 18<sup>th</sup>, 20°C was only record at the Airport on two days. For the third year in succession the summer was on the whole disappointing, even though this was better than the last two. The mean temperature was marginally above average and rainfall was the lowest for three years. The lack of August sunshine meant that this was a duller summer than normal.

Since the start of this decade September has turned out to be the driest month of the year and this one was again dry. From the south-west to west flow that dominated the weather pattern through July and the August the wind swung around to the north-east or north. Apart from the first few days the pressure was high, meaning there was virtually no rain after the 3<sup>rd</sup>. Sunshine was above average, but it was only the sunniest for two years. October saw temperatures generally above normal, with warm weather early and late sandwiching a colder interlude. Dry conditions prevailed, although there were two wet spells that helped to pull the rainfall total fairly close to the average. Sunshine was poor for most of time with rather cloudy weather even when the pressure was high. This was a quiet month with gusts to gale force on only two days.

November brought record-breaking rainfall and strong winds most of the time. The rainfall total exceeded the previous highest for November at the Airport by more than 40mm. Records from before the Airport opened show that this was the wettest November in the Island since 1930. The wind was also consistently strong, such that there was only one day with light winds. With the wind blowing almost exclusively from between south and west, temperatures were above average for virtually the whole month. Due to the exceptionally wet November, the autumn was the wettest since 2000. Sunshine was the lowest since 2004, while temperatures were the highest since the record-breaking autumn of 2006.

The first part of December followed the theme of November's weather, being mild and rather wet and windy. The weather pattern then shifted with an easterly flow setting in. This change brought colder conditions and, as the flow backed to the north-east, wintry showers developed over the Channel. It then became cold enough for some snow, before turning less cold and sunnier in the run up to Christmas. This burst of cold weather ensured that this year was the coldest since 1996, although it was only marginally colder than last year and still a touch milder than the average. Rainfall, which until November had been running below average, ended up with about 80mm more than normal. The surplus of sunshine built up during the first half of the year was just enough to ensure that the year's total was above average, despite only two of the last six months having above average sunshine. Only November was substantially windier than the average, with most months being quieter than normal, so that this year continued the trend of lighter winds over recent years.

## January

At the start of the month an anticyclone was centred north of Iceland, with a ridge lying extending across the United Kingdom to the Mediterranean. This produced cold easterly winds over the area, but without a frost at first. Initially it was cloudy due to the close proximity of a weak front over the south-west approaches. By the 2nd the front had been pushed away westwards with clear skies giving a day of unbroken sunshine. The next couple of days saw more cloud, but it remained dry with sunny periods and on the 4th, with an east to south-east wind we recorded our first frost of the month. Late that day a cold front moving down from the north brought some rain.

Fronts affected the Islands on the 5th, giving slight rain early, followed by wintry showers in the afternoon. The showers continued into the 6th before it became dry, but still mainly cloudy. That night skies cleared and with the wind falling light we had another air frost, with the temperature on the ground dropping to  $-7.6^{\circ}\text{C}$ . Cloud had returned by dawn with a few showers in the afternoon. There were further showers on the 8th before the sky cleared once more.

From the 9th to 11th the weather was dry and mainly sunny, with light winds on the 9th and 10th. The clear skies overnight lead to two notable frosts with air temperatures falling to  $-3.4^{\circ}\text{C}$  and  $-2.6^{\circ}\text{C}$  respectively. Strengthening southerly winds brought milder conditions through the day on the 11th with cloud increasing during that afternoon. The 12th saw completely different weather from the earlier part of January. Fronts, which had already brought rain to much of the British Isles, gave rain and drizzle here during the afternoon accompanied by strong winds.

The 13th was fair day with sunny periods, following the clearance of the frontal cloud, although there were showers in the afternoon. The 14th had more showers at first before the sun came out, with the cloud returning later to give outbreaks of drizzle. With a depression moving north to the west of Ireland and high pressure holding sway over Scandinavia, fronts made slow progress across the British Isles on the 15th. This was a cloudy day with rain in the evening and this cloud persisted overnight, clearing finally by late morning on the 16th. Sunshine early that afternoon boosted the temperature to its highest for the month at  $10.5^{\circ}\text{C}$ .

The weather pattern then became much more active with a very deep low passing to the north-west of Ireland on the 17th. Fronts associated with this low brought a spell of heavy rain during the evening, with the wind building to gale force for a while. A couple of secondary depressions then developed rapidly on the 18th, bringing more rain and strong winds, with another gale on the morning of the 19th. By that afternoon a very unstable west to north-west flow had spread across southern Britain. There were frequent showers during the afternoon with hail, ensuring that we had just a brief glimpse of the sun.

There were further showers on the 20th and morning of the 21st, before yet more fronts came in from Atlantic. Rain fell from mid-afternoon onwards, continuing overnight and becoming heavy at times. Just before the rain cleared there was a spell of hill fog for about an hour. The day was mainly cloudy with a few showers, before rain from another low arrived in the evening. Winds again increased strong to gale force at around dawn on the 23rd, followed by much brighter conditions with some showers. The next depression in the sequence thankfully passed to the south of us, crossing the Bay of Biscay. This was the low that brought destructive storms to northern Spain and south-west France. The low was close enough, though, to give several hours of rain early on the 24th.

We had not yet finished with low pressure, as the next depression swung in towards south-west Ireland. Its associated fronts brought rain on the night of the 24th, continuing on the morning of the 25th. It took until late on the 25th for the cloud to clear, then more had come in by the morning of the 26th, associated with a showery trough of low pressure. The pressure had risen generally by the 27th and we managed a few hours of sunshine before yet more cloud came in from the west. A slow moving front introduced very moist air which resulted in drizzle and hill fog. There was hill fog early and late on the 28th, with outbreaks of rain or drizzle for much of time.

A change in the weather pattern was on the way, with the fronts weakening and being pushed back westwards as an anticyclone developed over southern Scandinavia. A change in wind direction to the south-east pulled in colder and drier air from the continent, allowing spells of sunshine. There was, though, a large amount of thick high cloud making the sunshine very weak for much of the time.

## February

On the 1st a large anticyclone was centred over southern Sweden and the Baltic states, with a deep depression west of Iberia. This produced a strong and cold easterly flow across the Islands, although with several hours of sunshine. The depression off Iberia moved gradually east with the pressure falling over France. This situation caused the wind over the Channel to back to the north-east, which allowed the development of a line of snow showers. This line of snow showers gave copious snowfall across the Bailiwick, with 20cm measured at the Airport on the morning of the 2nd. With shelter from the Cotentin peninsular, though, Jersey received a mere dusting. There were some more snow showers the next night, but with a mainly sunny day to follow and the temperature reaching 5°C, most of the snow had melted by that evening.

By the 4th there was low pressure from Biscay to southern Ireland, with fronts moving north over western France. These fronts ensured a cloudy day, with rain coming along during the afternoon and sleet mixed in for a while. The fronts were through that evening, leaving us with wintry showers. Low pressure remained nearby on the 5th, but with fronts out of the way we managed a mostly sunny day, which allowed the temperature to climb 4°C higher than in the preceding days. The next day the low moved slowly north-east across the Bailiwick, keeping it cloudy with outbreaks of rain. As the low edged away the wind swung around to the north and strengthened, pulling in colder air, allowing some sleet once more.

The 7th was another rather cold day, but it was much brighter with sunny periods and only a few wintry showers. Lighter winds and clear skies that night gave a slight ground frost, before cloud spread in from the Atlantic, to bring rain and drizzle that afternoon. An active depression then came in for the 9th with rain for much of the day, producing a total of 25.4mm(1in) of rain. As the depression moved away the wind increased to gale force for a while, but these gales were end of the strong winds for the month. The pressure rose gradually over the next couple of days, bringing much drier and brighter conditions, with a reasonable amount of sunshine, although the temperature fell back a little.

A further rise of pressure saw the formation of a high over the United Kingdom, which joined up with another off north-west Spain. This brought the beginnings of a long spell of mainly dry weather. A weak frontal system moved south-east across Britain on the 13th, making it cloudy with some rain early on. The clearance of the cold front brought clearer skies, but the temperature was still below normal, with a touch of ground frost at night. Despite the persistent of the high pressure, weak fronts affecting the United Kingdom kept us cloudy on the 15th. A sunnier day followed, although by now the centre of high pressure had moved west to bring a north-west flow for the British Isles.

With high pressure to the west the resultant north-west flow was cloudy and the remnants of old fronts were sufficient to give a little rain or drizzle at times. Temperatures, though, picked up to above normal, with small differences between day and night. By the 19th high pressure had extended into Europe, but it was still cloudy, although reasonably pleasant with very light winds.

Following four dull days the 21st saw plenty of sunshine with the temperature getting close to 10°C at the Airport. More weakening fronts brought a return to mainly cloudy weather over the next three days, although it stayed dry and mild. The 25th turned out to be the sunniest day of the month and combined with very light winds made this the best of the month as well. Over the last three days of the month the pressure began to fall, but the dry and mild weather continued, with a decent amount of sunshine on the 27th and 28th.

## March

A small low moved north-east across the area on the morning of the 1st, followed by a very weak front. Its passage cleared the cloud away to allow some sunshine. Active fronts then crossed the British Isles on the 2nd, although these did not affect us until late in the day, which resulted in mainly sunny conditions. Drizzle and rain had reached us by the 3rd, with an accompaniment of hill fog patches. There was a slight improvement in the early afternoon, with a little sunshine before persistent rain arrived. That evening the rain became heavy at times, with the deteriorating weather matched by a strengthening wind.

On the 4th a polar airstream spread in across the United Kingdom, bringing s noticeable drop in temperature along with heavy showers. The drop in temperature was enough for sleet to be observed in some of the showers. There were further heavy showers on the 5th with a strong northerly wind developing for a while. The morning of the 6th was mainly sunny, but the approach of fronts coming in from the Atlantic ensured a cloudy afternoon, with drizzle or rain that evening. There was some thick fog early on the 7th to accompany the drizzle, but this cleared for a time to allow a few hours of sunshine and by now the temperature had climbed back to slightly above average values. Drizzle and fog patches returned during the evening, continuing into the early hours of the 8th.

By dawn on the 8th a cold front had cleared, followed by a showery westerly airflow. The showers became more intense in the afternoon, with hail and a strengthening wind, reaching gale force for a time that evening. After a bright morning on the 9th, the cloud increased as the next weather system came in, bringing showers in the evening. There was rain in the early hours of the 10th, followed by sunny periods. The pressure then began to rise as a ridge pushed in from the south-west. Fronts from the next Atlantic weather system kept the weather cloudy, though, with outbreaks of drizzle and in the very moist airflow thick hill fog formed. There were similar conditions on the 12th, although the drizzle tended to be light.

On the 13th the wind backed to the south-east, pulling in clear air from France to give us some warm sunshine during the afternoon. A weak cold front went through overnight, giving a little drizzle, followed by a renewed build of pressure as a new anticyclone moved north-east over Biscay. By midday on the 15th a large anticyclone had become established over southern England and the Channel. With the pressure remaining high and the wind becoming easterly we managed a long run of dry and sunny days. Daytime temperatures picked up as well, getting up to 16°C in sheltered western parts of the Island on the 17th, 18th and 19th.

An incursion of colder air from the north-east meant that the temperature fell back on the 20th, although it stayed above normal and the sun continued to shine. After a run of six days with more than 10hrs of sunshine per day, some cloud developed on the 22nd, nonetheless this was still another mainly sunny day. By this stage, though, high pressure was centred in the Atlantic bringing the wind around to the west. Over the next couple of days the wind veered to the north-west and then the north, resulting in falling temperatures. On the 24th the temperature at the Airport failed to reach 10°C for the first time since the 11th, due to the arrival of air of polar origin. The sun still shone, although the change in temperature was made more marked by stronger winds.

A depression passed to the north of Scotland on the night of the 24th, subsequently moving down into the North Sea, with its fronts bringing cloud and some rain. The wind also increased further with gusts to gale force. The next depression brought over first appreciable rain in a fortnight on the 26th, with some patches of hill fog in the afternoon. The rain had moved through by dawn on the 27th with sunny periods following, but also a few showers. These showers merged together later in the afternoon to give the wettest day since the 9th.

Low pressure covered the British Isles on the 28th, despite which we managed another mainly sunny day, with just one or two showers early on. The low pressure had drifted off into Europe by the next morning, but instead of having plenty of sunshine, our weather was plagued by a slow moving trough. This gave showers during the morning, the heaviest of these falling on the western side of the Island. By that evening the cloud had broken once more, but this did set the scene for a chilly night with a ground frost in places. The compensation was a return to unbroken sunshine for the last two days of the month.

## April

The anticyclone that had given a lovely sunny end to March brought another day of unbroken sunshine for the 1st of April. By the next morning the anticyclone had drifted east with the ridge over Britain being eroded by low pressure extending north over France and pushing into Ireland. These changes brought much more cloud generally, although breaks in the cloud on the night of the 2nd allowed mist or fog to form.

The first fronts of the month gave rain for a while early on the 4th before brighter weather arrived from the west. This brighter weather lasted for another day thanks to a transient high, which soon out of the way as fronts swung in from the south-west, bringing mainly cloudy conditions for the 6th with drizzle and rain later. The fronts had cleared by the 7th to allow a return of the sun, but more fronts were soon on their way to bring damp weather early and late on the 8th.

In the lead up to the Easter weekend low pressure continued to dominate proceedings with cloud for most of the 9th. A short spell of sunshine did, though, raise the temperature a couple of degrees. Good Friday was a dull day with some rain at times and patches of mist. The rest of the weekend was better with sunny periods, light winds and no rain and Easter Monday saw reasonable temperatures following a chilly start to the day.

Once one decaying front had finally edged away to the east very slowly, a new front pushed in from the west, before slowing down over central England and western France. This brought cloudy weather again, although initially with little rain. The morning of the 15th, however, saw thunder and heavy rain moving north-west across the area. This cleared in the afternoon to give a burst of warm sunshine, before more heavy showers came along later. By the next day the main frontal zone had swung north to southern England with our weather brightening up. On the 17th the Islands were in a slack area of pressure between low pressure over western Biscay and eastern Germany and high pressure over northern Scotland and Spain. This resulted in a very pleasant sunny day with very light winds.

By the 18th the pressure was on the rise as the high to the north of Scotland drifted south and a new one formed over southern Scandinavia. The remnants of the old front over southern England, was pushed south once more to bring us a couple of days of rather cool and cloudy weather. It was not until the 20th that we benefitted from the build of pressure with a day of unbroken sunshine and the temperature climbing well above normal. Sea fog that had formed near south-west England edged towards us on the afternoon of the 22nd making coasts foggy while higher parts of the Island remained sunny. The fog thickened up overnight and continued to affect coasts on the morning of the 23rd, before being blown away by a warm and dry south-east wind. The temperature exceeded 16°C at the Airport for the first time this year with 18°C being reached on the west coast.

South-east winds blowing for most of the day on the 24th ensured that this was another warm day, despite a large amount of thick high cloud around. A front crossed the area during the late evening, ushering in cooler conditions, but with only a small amount of rain. A low then became slow moving over south-west England, giving the far west of Cornwall and the Scilly Isles a soaking, but leaving us with sunny periods and just a few isolated showers on the 25th and 26th.

For the last few days of the month the weather became more progressive with fronts bringing rain for the morning of the 27th, before clearing away to allow a few hours of sunshine. With the wind now blowing from the west or north-west it became noticeably cooler, with some heavy showers coming in that evening and hail for a while late on. We escaped more heavy rain on the 28th, with Brittany receiving several hours with heavy showers, while we were dry, but mainly cloudy. A sunny morning on the 29th was then followed by cloud increasing, with rain during the evening. A dry night was followed by rain on the morning of the 30th, with a few patches of hill fog. While the rain had stopped by the evening it remained cloudy until well after dark.

## May

The month began with high pressure, but this did not bring a very good start. The high was centred in the wrong place, over south-west Biscay, with decaying fronts bringing cloudy periods and spells of light rain or drizzle. Over the first three days there were reasonable periods of sunshine, but also drizzle and fog from late on the 1st leading into the following morning. Further drizzle, rain and fog came along early on the 3rd. Temperatures were, though, at this stage close to normal.

The Bank Holiday Monday saw sunshine for the morning before cloud increased as fronts pushed east across the British Isles. Over the next three days any fronts remained to the north of us, but with a moist westerly airflow it stayed cloudy and breezy with slight drizzle at times. The skies cleared for a few hours on the morning of the 7th before a passing front brought more cloud with outbreaks of rain or drizzle.

Conditions brightened up on the 8th following the clearance of another weak front and with the development of a shallow high the wind fell light later in the day. These light wind and clear skies lead to a chilly start to Liberation Day, although during the daytime it was mainly sunny, with the light winds compensating for a lack of warmth. On the 10th pressure rose over northern areas of Britain, while low pressure extended north-east across Iberia and into France. Initially this brought higher temperature for the 10th, especially in places sheltered from the strengthening north-east wind. By the 11th, though, the wind was strong, but there were still sunny periods. Fronts edging up from the south brought rain overnight and led on to the bleakest day of the month. Dull, windy and very cool best describes the conditions for the 12th.

The band of strongest winds then moved north across the Channel, along with the fronts. As a change we had drizzle and fog early on, followed by a little warm sunshine, before showery rain came along during the afternoon. There were further heavy showers overnight, with some patches of fog. The 14th was mostly cloudy with light winds, but also a couple of hours of warm sunshine. By the morning of the 15th the low pressure had transferred north, with stronger south-west to west winds spreading in across the Islands. We saw much brighter conditions that afternoon after the morning fog and rain had cleared. There was, though, a notable drop in temperature from the previous two days.

Low pressure dominated the weather on the 16th and 17th with fronts bringing periods of rain and the wind remained fresh to strong. While low pressure continued to bring cloud and rain for much of western Britain on the 18th, we had mainly sunny conditions due to a rise of pressure to the south. Our weather then settled down as it became influenced by high pressure over Europe. Our winds continued to blow in mostly from the Atlantic, thus holding the temperature down despite sunshine and light winds.

For the Bank Holiday weekend we came under the influence of thundery low pressure extending north over Biscay and western France. The 23rd was cloudier than the previous six days, but it did become warmer. The 24th turned out to be mainly sunny with the temperature getting to 19.4°C (67°F). Late in the day cloud from developing thunderstorms over Biscay began to spread across the Bailiwick. There was thunder and lightning for about an hour in the early hours of the Spring Bank Holiday. This was followed, however, by some more warm sunshine that morning, before further thundery showers moved north in the afternoon.

There was a rapid shift to much cooler weather again for the 26th as a fresh to strong north-west flow arrived. This did, though, give us a sunny day after the clearance of overnight rain. By this stage a strong build of pressure had started and continued into the 27th. Despite high pressure fronts raced across the United Kingdom on the 27th with the warm front active enough to give a burst of heavy rain for a while during the late morning. Following this front very moist air spread in, bringing drizzle and fog during the afternoon. The drizzle and fog persisted for much of that night and for a time on the morning of the 28th. We did get a few hours of sunshine in the afternoon, although it became foggy again at times during the night.

For the last three day of the month high pressure was firmly in control, but with the centre having moved into the North Sea we picked up a moderate or fresh east to north-east breeze. Temperatures did rise well above normal, with the western side of the Island being noticeably warmer than the more exposed east coast. Virtually clear skies did allow us three days of unbroken sunshine, with the total of 15.2hrs on the 30th being a new record for May.

## June

A ridge of high pressure over northern Britain gave a north-east flow across the islands, with clear skies we had virtually unbroken sunshine on each of the first three days, resulting in daytime temperatures being well above normal. A very weak cold front then crossed the area on the 4th, bringing a cloudy morning and noticeably lower temperatures. By the 5th we were back to mainly sunny weather, but by now the pressure had fallen generally over the United Kingdom with low pressure edging north over France. As this low over France deepened we lost the sunshine and had some showery rain, with the temperature falling further.

Low pressure then dominated the weather for southern Britain and the Channel for the next four days resulting in mainly cloudy and cool conditions with periods of rain or showers. The worst days were probably the 8th and 10th which both had rain for much of the time and temperatures peaking around 13°C. A transient ridge of high pressure gave over 10hrs of sunshine on the 11th, although the temperature remained below normal. While the pressure stayed relatively high for the following couple of days, fronts, from a depression centred to the west of Ireland, brought us mainly cloudy weather once more. There was, though, little rain and a few hours of sunshine on the 13th were enough to push the temperature above 20°C.

Fronts had edged out of the way on the 14th and we ended up with a decent amount of sunshine, after a foggy start. The temperature did, however, fall back by several degrees. The next couple of days were dry and mainly sunny with the temperature creeping up once more. There were nearly 10hrs of sunshine again on the 17th with the temperature getting to 20°C, although that evening was cloudy with drizzle at times. It was cooler on the 18th, but the morning was still mainly sunny. High pressure building from the south-west then brought us a six mainly sunny days, although with north-west winds at first temperatures near, or marginally below average. By the 22nd the centre of the high had transferred to the north of us, with the wind consequently coming from a warmer continent. As the high moved further north the north-east wind picked up, taking the edge off the temperature, although sheltered western parts were notably warmer than the more exposed east coast.

Low pressure then began to influence the weather again. This time the air was inherently much warmer than the period earlier in the month. This meant that, whilst it became cloudier, temperatures were above average. Thunderstorms started to develop at this stage over France and these threatened us for the rest of the month. Lightning was seen on the night of the 25th, but it stayed dry. There was, though, rain on the 28th and again on the 30th. On these occasions the Airport received no more than a trace of rain and both of these days were very warm to hot, despite there being a limited amount of sunshine. On the night of the 28th one shower did give a measurable amount of rain on the eastern side of the Island. Elsewhere in the Bailiwick there was heavy rain and thunder on the evening of the 29th, with further rain on the 30th.



## July

An anticyclone centred off East Anglia and low pressure over southern France, produced a hot easterly flow across the Islands on the 1st. The resultant maximum temperature of 28.2°C recorded at the Airport was the highest reached since July 2006. This was, though, a false dawn with the temperature failing to get within 6°C of this figure during the rest of the month. Thunderstorms headed north from Brittany late in the day, although they gave only distant thunder with little rain. That night was warm, but cloudy with further thunder and a burst of heavy rain a couple of hours after sunrise. The 2nd was a mainly cloudy day, although still warm and humid with showers and also fog patches in the evening.

The passage of a cold front brought much fresher conditions for the 3rd and the day was generally sunny and dry. By the 4th there was a weak ridge of high pressure over France with low pressure west of Ireland. Troughs swinging around the low brought heavy showers to western parts of Britain, however, we escaped with a few light showers and managed more than 10 hours of warm sunshine. We received more than 10 hours of sunshine on each of the next two days as well, despite the low edging further into the British Isles. The 6th was a breezy day so that, despite the sunshine, it felt noticeably cooler and we had a heavy shower late that evening.

With low pressure continuing to drift north-east across the United Kingdom and a ridge of high pressure easing into Ireland, the rather windy conditions persisted, although it was generally dry here and still reasonably sunny. The ridge of high pressure came closer over the following couple of days, ensuring no rain and on the 8th unbroken sunshine. Temperatures were close to the average, but the continuing breeze took the edge off the temperature. Fronts pushing into Ireland on the 10th made this a rather cloudy day with outbreaks of rain arriving in the evening. A frontal system affected us all day on the 11th, giving dull, damp and misty weather, with hill fog at times. The fronts had cleared by dawn on the 12th to allow us a dry day after some overnight drizzle and fog.

Low pressure, initially centred to the west of Ireland, held sway for the next three days with troughs moving around the low bringing frequent showers to much of Britain. We escaped most of these showers, except on the evening of the 14th when we had a couple of heavy showers, these accompanied by some lightning. Temperatures remained close to normal and the 15th saw over 10 hours of sunshine. A short-lived ridge of high pressure brought some warm weather for the 16th, before thundery showers arrived in the evening. A developing depression then moved north-east just to the west of us, bringing a period of rain. As the depression edged away into southern England the wind strengthened, getting close to gale force; an uncommon occurrence in July. Much of the day was also cloudy with frequent showers and a temperature staying around 14°C.

The 18th and 19th were two more breezy days, with 18th being cloudy, rather wet and chilly. There was drizzle and rain during the afternoon of the 20th, this time being accompanied by hill fog. A frontal system swinging through the area on the 21st gave rain in the afternoon with heavy rain for a while that evening, resulting in our wettest day of the month. A fair to cloudy morning on the 22nd was followed that afternoon by showers, then rain in the evening. We got away with a mainly sunny day on the 23rd, but it was not a dry day as a thundery shower came through late on. Pressure was still rather low over the British Isle on the 24th, but after a couple showers in the morning it became mainly sunny. Thanks to a ridge of high pressure another mainly sunny day followed, although temperatures were only around normal.

A depression moving into Ireland and its associated fronts brought cloud for most of the 26th, with some heavy rain coming along overnight. Conditions improved for the 27th following the clearance of a cold front and a transient ridge brought sunny periods the next day, before cloud ahead of the next frontal system pushed in. Fronts gave Wales and western parts of England a wet day on the 29th, but we were mainly dry until the afternoon. Another ridge passed through the following day before the next Atlantic depression made its presence felt over Ireland. Thanks to high pressure over France the rain held off here until the early hours of the 1st of August.

## August

At the start of the month a depression was centred to the north of Ireland with its fronts moving slowly east over the British Isles. This situation produced dull, wet and rather cool weather. A passing ridge gave dry and fairly sunny weather the next day before cloud increased again. A new Atlantic low then moved east with its fronts pushing into western Britain. These weakened as they approached us to allow sunny periods on the 3rd and only a little rain. Fronts covered much of Britain on the 4th, but as they came up against high pressure over Europe they weakened, with only a trace of rainfall here, but also only a glimpse of the sun. A cloudy night was to follow and light southerly winds kept it mild, although with thick fog for a while. There were a few hours of sunshine that afternoon, before a re-activated front brought rain late on.

The 6th proved to be a dull and damp day with a cool northerly breeze, the front by now lying just to the east of us. Pressure building from the west then helped to push the front far enough away to the east to give a couple of sunny, but fairly cool days. Another fair day followed on the 9th and it became a little warmer, although by now a small low and its fronts were pushing into Ireland. The fronts affected us on the 10th, bringing drizzle at times during the afternoon, with moderate drizzle in the evening. Conditions improved again for the 11th with the sun out by late morning, before the next fronts passed through to introduce a very moist westerly airflow. We stayed in the moist air for the next two days, resulting in cloudy weather with drizzle and fog at times.

The following four days were largely dry with temperatures close to normal and sunny periods on three of them, but a blanket of cloud covered the area on the 16th. With a small high moving north-east over northern France the 18th was a warm and mainly sunny day. On the 19th active fronts were affecting western Britain, but we had a sunny and warm day with light winds. The fronts crossed the Islands on the morning of the 20th, with just a few spots of rain, but the wind picked up noticeably for a while during the late morning, followed in turn by a sunny afternoon. A ridge of high pressure helped to keep the next two days dry, although there was still a large amount of cloud around due to a decaying depression being not far away.

A new set of fronts swept up the western side of Britain on the 23rd, but their influence was not felt here until the 24th to allow us a warm and mainly sunny day. Once again a front went through on the 24th, making it cloudy, but with only slight drizzle and rain. We then had a mainly sunny day, before slightly more active fronts came through on the 26th. This time we had measurable rain, the first since the 11th and there was a little more the next day, although the total made little difference to the overall dryness. Following the clearance of a cold front in the early hours of the 28th the cloud broke up. A tight pressure gradient then developed between low pressure over Scotland and a ridge of high pressure extending north-east into Biscay. This brought fresh to strong winds, which then decreased overnight as the pressure rose further.

The pressure was still reasonably high on the 30th, but approaching fronts brought cloud, with some drizzle during the evening. That night, as the high edged away to the east, the flow backed to the south which pulled in clear air off France. Sunshine for most of the day on the 31st and south-east winds made this the warmest day of the month, not something often expected on a Bank Holiday.

## September

A weak cold front cleared through early on the 1st, followed by a breezy south-west airflow. This gave us a fair day with plenty of sunshine and temperatures slightly above average. A sharp shower occurred late on before cloud ahead of advancing fronts spread in. There was a little sunshine on the morning of the 2nd, but by the afternoon rain had arrived and the scene was set for a wet and windy spell. No gale was recorded, however, there were gusts to gale force through the night with little sign of the wind easing off for the 3rd, as it swung around to the west. The low that had brought the rain was out in the North Sea by midday on the 3rd, but with showery troughs still to affect us..

Pressure was on the rise on the 4th as a ridge of high pressure pushed in from the south-west. This resulted in a mainly sunny day, although there was still a fresh to strong breeze. With the high much closer the next day the wind finally eased off and the next three days had good sunny periods, with the temperature picking up. By the 8th the high was centred over eastern Europe with a depression moving north-east to the west of Ireland. This weather pattern brought in very warm air from the south and with clear skies during the morning the temperature was rising well. By the afternoon the wind had veered to the west bringing sea fog onto the west coast. This meant that, while inland and on the east of the Island the sun continued to shine and temperatures rise, the west coast became cooler with the fog blocking out the sun.

By the morning of the 9th a cold front had moved through with a strong ridge of high pressure extending north-east across the United Kingdom. By this stage, though, the front was moving very slowly which ensured a mainly cloudy and rather cool day for the Bailiwick. Within a day a large anticyclone had become established over Britain with low pressure over Spain and the Mediterranean. This situation produced a fairly steep pressure gradient across the Channel resulting several days of fresh to strong north-east winds. From the 10th to 14th the weather was mostly dry with sunny periods and temperatures close to normal. Sheltered western parts saw daytime temperatures 2 to 3°C higher than more exposed areas.

By the 15th the pressure had fallen with a weak front edging in from Europe. This brought our first measurable rain for more than 10 days and with all the cloud and a moderate to fresh north-east breeze, the day was cool. The next couple of days were windier, but dry with some sunshine and higher temperatures once more. On the 18th our weather was still being influenced by the European low pressure, but by now the pressure gradient had reduced with a consequent easing of the wind. There was still a large amount of cloud around, although we had a couple of hours of warm sunshine and just a little rain..

High pressure became re-established on the 20th as a ridge extended across Britain from the south-west. This change brought three days with sunshine and light winds, however, night-time temperatures fell under clear skies with daytime temperatures staying similar to what had gone before. The pressure remained high on the 23rd, but by now a weak front had become almost stationary along the south coast of England. The moist air ahead of this meant a cloudy day for us with some drizzle. The clearance of this front was a slow process, taking until the afternoon of the 24th before the cloud cleared.

High pressure continued to hold sway for the rest of the month, ensuring that there was no more rain. Temperatures were generally near to, or slightly above normal, while a couple of sunny days on the 25th and 25th were interspersed with more cloud on other days. A slow moving sheet of cloud allowed us just an hour of sunshine on the 29th, before skies cleared that evening. After a clear night more cloud spread back in , but we did at least have a reasonably warm and sunny afternoon on the 30th.

## October

A very weak cold front crossed the area during the early afternoon of the 1st. This brought a period of cloud, but no rain with sunshine in the morning and again later in the afternoon. Frontal systems then crossed more northern parts of Britain over the next couple of days, bringing a large amount of cloud, but little rainfall. By the 4th a front, which had moved south across the United Kingdom, ground to a halt over the Channel. At the same time other fronts were moving north across Biscay with drizzle arriving late on.

With low pressure to the west of Biscay until the 8th and fronts close to us throughout this period, we saw little sunshine and rain on each day. The rain was at its heaviest during the early hours of the 5th. Warm air, though, was being fed in on a south to south-west airflow, so temperatures were above normal, especially so overnight. On the 8th pressure rose over the United Kingdom as an anticyclone started to develop. Fronts stayed close enough to us, though, to keep our weather cloudy and, with the front returning for a while on the 9th, we had some more rain.

Following the clearance of a cold front, the 10th was a much brighter day with sunny periods and temperatures staying above average. Weak fronts affected us on the 11th to bring a return of the cloud, but with only slight drizzle. By now, though, pressure was rising as an anticyclone built over western Britain. This change brought dry weather, however, with the wind now blowing from the north it became much cooler. There was almost no cloud around on the 10th, allowing us a day of unbroken sunshine. The following couple of days saw cloud at times, but it was dry with periods of sunshine. By the 15th the wind was in the east with the remnants of a very weak front crossing the area, bringing a sheet of cloud and holding the temperature down.

The area of high pressure maintained its dominance through to the 18th. There was still a large amount of cloud for much of the time with temperatures staying lower than normal. By the 19th the main area of high pressure had transferred east to Europe, with a depression moving in towards Ireland. Before the associated fronts arrived we managed a reasonably sunny day, then as the fronts swung through we had outbreaks of rain. Once the rain had cleared it remained cloudy on the 20th until late on. With the wind now in the south, though, the temperature picked up again to climb back above normal.

Low pressure was the main feature of the weather pattern for the next three days, ensuring large amounts of cloud with showers or longer periods of rain. A frontal system moving through on the evening and night of the 23rd gave spells of heavy rain, followed by rain, drizzle and fog. Temperatures were, by now, well above average with all the cloud resulting in only a small temperature fall overnight. Once the rain had cleared on the 24th pressure began to rise once more as an anticyclone formed over northern Spain. This change brought an end to the rain for a while with periods of sunshine.

For the rest of the month pressure was high over Europe and low to the west and south-west of the British Isles. This pattern maintained a generally southerly flow across the region. Fronts were close enough at times to give us some cloudy days, but there were decent periods of sunshine on others. The highest temperature recorded at the Airport during October occurred in this period. The 28th was cloudy for much of the time, with patches of fog clinging to our south coast cliffs. Winds were light, though, and with a couple of hours of sunshine that afternoon the temperature reached 18.2°C. Following sunny periods on the 29th it became mainly cloudy again as slightly more active fronts brought some rain on the 30th and 31st.

## November

The change from a quiet October coincided with the change of the month. On the 1st a developing depression moved north-east, passing to the south of Ireland, with its associated frontal system crossing the Channel through the day. This brought wind, rain, drizzle and patchy fog and also very mild conditions for a while. The next day there were showers, followed by more rain as the next set of fronts came through. We had more blustery showers on the 4th with some hail mixed in, but also periods of sunshine. Whilst remaining windy the 5th saw only a couple of showers and a decent amount of sunshine, with the temperature about normal for early November.

By the 6th the low that had been responsible for the previous bout of wind and rain had filled and moved away into the North Sea. This situation only allowed the fronts from the next Atlantic depression to sweep in across the United Kingdom bringing dull and wet conditions through the day. A showery regime then followed as the fronts moved to the east. Going into the 8th the wind veered towards the north, pulling in colder air which encouraged heavy showers to build up over the comparatively warm waters of the Channel. That night there were several hours of showery rain, which had cleared by daybreak on the 9th. Clear skies and light winds gave the best day of the month on the 9th, although more cloud had spread in by midnight.

Rain arrived during the early hours of the 10th, turning to drizzle and mist by late morning. The fronts gradually weakened through the day so that it had become dry before midnight. The cloud remained, though, while a new set of fronts pushing in from the south-east brought more drizzle and rain for the afternoon of the 11th. A veer of the wind brought a rise of temperature during the late evening, with skies clearing briefly. The 12th was a windy and very mild day with just a short burst of sunshine. The first half of the 13th was very wet and windy, although the strong southerly wind was responsible for bringing in exceptionally mild air. The deep depression that produced this weather moved into Ireland on the 14th, with its associated cold front moving through rapidly. A tight pressure gradient produced gales at times during that morning, along with blustery showers. The showers became very heavy for a while early in the afternoon as a trough passed through and the wind got even stronger as it veered towards the west.

The unsettled weather continued, although the wind did ease of for a while on the 15th. More fronts swung through overnight to give outbreaks of rain, which had cleared through by the next morning, although it stayed mainly cloudy. A slight rise of pressure with no fronts in our area allowed us a dry and mainly sunny day on the 17th. Another dry and very mild day followed, although the cloud increased once more. High pressure over Europe managed to keep the fronts away for one more day; the day when Cumbria was deluged by record rainfall. The cloud also broke up to allow almost unbroken sunshine. Fronts had finally reached here by dawn on the 20th, bringing an end to our dry interlude.

From the 21st-29th there was not let-up in the wet and windy weather. One deep low crossed northern Scotland on the 22nd and 23rd, with its fronts affecting the rest of the British Isles. Winds were up to gale force again at times on both days. A new low passed to the west of Ireland on the 24th maintaining a large amount of cloud for most of Britain. Moving into a showery regime the next day allowed spells of sunshine, but also heavy showers with hail and lightning. As the low then moved slowly east just to the north of Scotland the wind veered towards the west, pulling in colder air. The only noticeable change was a drop in temperature, with heavy showers and strong winds persisting.

The 27th was colder still, although there were several hours of sunshine between the heavy showers, which again saw some hail. A small secondary depression crossed southern England that night, followed by another deeper one swinging into south-west England on the 28th. This depression then made slow progress east along the south coast of England. There were frequent heavy showers through the day on the 29th, with hail at times and some thunder and lightning in the evening. The showers were heavy enough to make this the wettest day of the month at the Airport. The showers were not as intense elsewhere with the west coast receiving less than half of the Airport's rainfall. To end the month the wind swung around to the north making for the coldest day of the month. By that afternoon, though, the showers had died out.

## December

For much of the first two weeks it was mild and rather wet and breezy. Colder weather then arrived, persisting almost up to Christmas, with sleet or snow showers on a few days to add to the seasonal feel.

A transient ridge of high pressure crossed the area during the morning of the 1<sup>st</sup>. Skies were mostly clear overnight, but cloud, from an approaching Atlantic frontal system, soon covered the sun. Rain arrived late that afternoon, persisting into the early hours of the 2<sup>nd</sup>. Daytime temperatures on the 1<sup>st</sup> were lower than normal, before rising overnight. Heavy showers came in during the late afternoon of the 2<sup>nd</sup>, helping to maintain the high water table. Showers were less frequent the next day and there were even sunny periods that morning, but also some hail in the afternoon.

The showery airstream was replaced on the afternoon of the 4<sup>th</sup> by a moist warm sector, which brought rain and drizzle, followed by heavier rain in the evening. With the rain the temperature rose and continued a slow climb into the early hours of the 5<sup>th</sup>. Despite the clearance of a cold front by dawn on the 5<sup>th</sup>, the cloud only broke for a short while before showers came in. By the afternoon cloud from the next set of fronts had swept in, bringing outbreaks of rain. The strong south-west airflow did, though, ensure that it was mild. Bright and breezy characterised the weather for the 6<sup>th</sup>, with decent sunny periods coming through after the clearance of early cloud.

With deep low pressure over the Atlantic pushing fronts across the United Kingdom, the following three days were dull, but mild. The 7<sup>th</sup> & 8<sup>th</sup> were also breezy and rather wet, with drier and quieter conditions for the 9<sup>th</sup>. By this stage pressure was on a steady rise as a developing high began to move north-east over Biscay. By midday on the 10<sup>th</sup> the high was centred close to the Islands, bringing very light winds and several hours of sunshine. The high did not remain in place, instead continuing its course north-east to be over north-east England by dawn on the 11<sup>th</sup>. This situation pulled in colder air off France, but kept it dry with sunny spells.

By the morning of the 12<sup>th</sup> the main centre of high pressure was over Norway, with a north-east flow across southern England and the Channel. This airflow passing through the straits of Dover and down the Channel to us, allowed the build up of shower clouds. Showers arrived in the evening of the 12<sup>th</sup>, continuing off and on for much of the next 48hrs. The air was cold enough for there to be some hail or sleet in a few of them, more so in the early hours of the 14<sup>th</sup>. Very few showers made it across the Cotentin peninsular to affect Jersey, which had mostly dry conditions with good periods of sunshine on both the 13<sup>th</sup> and 14<sup>th</sup>.

A small low moved south-east across England on the 15<sup>th</sup>, with its fronts close enough to give us a cloudy, but mainly dry day. There was some very light snow from late in the evening until midnight. Another frontal system then moved south over the United Kingdom the next day to maintain the cloudy weather. Rain arrived later, becoming heavier for a while overnight, before the fronts cleared to the south. A cold north to north-east flow allowed periods of sunshine on the 17<sup>th</sup> before wintry showers arrived that evening. There were more wintry showers on the 18<sup>th</sup> blown in on a strengthening northerly wind, which added to the chill. On this occasion Jersey received more of these showers, resulting in their Airport being closed for a while due to snow.

Early wintry showers on the 19<sup>th</sup> gave way to dry and reasonably sunny conditions for much of the day, before further showers came in during the evening. Despite the sunshine the day was cold, with the temperature actually rising overnight as a small weather system went through. This brought showers again before skies cleared as it moved away to the south, leaving a mostly sunny day. Low pressure continued to dominate the weather over the next few days. On the 21<sup>st</sup> the proximity of a weak front kept us cloudy with some rain, before we had a mixture of sunshine and showers in the days leading up to Christmas. Temperatures, then climbed somewhat, but remained below average.

Christmas Eve was cloudy, with rain in the evening, followed by wintry showers later. These showers continued into the early hours of Christmas Day, before the cloud cleared to allow a mainly sunny and rather mild day. Boxing day was also rather mild with sunny periods, but there was a heavy shower in the early afternoon, with thundery showers that evening. With west to south-west winds temperatures stayed slightly above average the next day as well and there was more sunshine, although this was offset by a fresh to strong breeze.

Fronts encroached from the south on the 28<sup>th</sup>, leading to cloudy conditions with rain in the evening. The rain continued overnight, before the front moved north of us. This left the Islands in a moist and very mild south to south-west airflow which brought mist and hill fog. The fronts were pushed back southwards again on the 30<sup>th</sup> as the cold air, which had never left most of Britain, reasserted its influence.

This was the second cold December in succession, but in contrast to last December the weather was dominated by low pressure. This resulted in wetter and cloudier conditions, although there was only about half the amount of rainfall recorded in November. The rainfall total was only slight above average and, thanks to the sunny weather around Christmas, sunshine was also above average. The cold and showery nature of much of the weather meant that we had some thunder on three days during the month, with a record number of days when hail was recorded. After November's excessive winds December was somewhat quieter than normal with no gales recorded.

## ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2009	DIFFERENCE FROM AVERAGE	2009	PERCENTAGE OF AVERAGE	2009	PERCENTAGE OF AVERAGE
JAN	5.4	-1.2	108.8	122.0	71.9	124.2
FEB	5.9	-0.4	59.6	77.9	90.0	114.8
MAR	7.9	+0.5	54.4	81.6	214.8 *	170.3
APR	9.6	+0.9	56.1	109.8	184.6	100.8
MAY	11.9	+0.3	58.0	116.9	236.9	101.3
JUN	15.0	+1.0	18.2	39.4	264.7	111.1
JUL	16.5	+0.3	77.4	205.9	229.6	92.5
AUG	16.4	-0.2	21.9	47.8	191.6	81.5
SEP	15.2	+0.1	22.7	34.0	193.0	110.9
OCT	13.7	+1.1	71.0	79.7	90.2	76.2
NOV	10.9	+1.4	234.5 *	239.5	63.6	84.9
DEC	6.8	-1.0	117.0	109.0	61.4	117.6
YEAR	11.3	+0.2	899.6	109.2	1892.3	104.0



**SUNSHINE**

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2009	DATE	2009	AVERAGE 1971-2000	2009	AVERAGE 1971-2000
JAN	71.9	57.9	112.8	1998	26.0	1966	7.3	2nd	26.7	21.5	5	10.7
FEB	90.0	78.4	143.9	2008	36.1	1976	8.5	25th	30.6	26.6	9	6.9
MAR	214.8 *	126.1	206.1	1973	67.4	1964	11.9	30th	58.4	34.3	2	5.6
APR	184.6	183.2	280.4	1984	122.2	1981	12.7	20th	45.2	44.8	2	2.6
MAY	236.9	233.8	336.4	1989	136.9	1981	15.2	30th	50.1	49.4	2	1.8
JUN	264.7	238.2	355.3	1975	147.8	1977	15.3	2nd	55.0	49.5	0	1.9
JUL	229.6	248.1	335.9	1959	167.7	1972	14.0	8th	47.4	51.2	1	1.4
AUG	191.6	235.0	323.0	1955	139.2	1992	13.9	7th	43.3	53.1	2	1.2
SEP	193.0	174.0	266.5	1959	104.5	1956	11.7	8th	51.2	46.2	1	2.3
OCT	90.2	118.3	176.4	1971	72.6	1968	10.2	12th	27.2	35.7	4	4.6
NOV	63.6	74.9	117.7	1988	38.9	1981	7.7	9th	23.5	27.6	5	6.9
DEC	61.4	52.2	108.9	2001	26.6	1966	5.7	25th	24.1	20.4	8	11.0
YEAR	1892.3	1819.9	2262.8	1959	1532.5	1981	15.3	02-Jun	42.5	40.8	41	56.8

**ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL**

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.		RECORD LOWEST	DATE & TIME G.M.T.	
JAN	1011.6	1017.1	1030.5	1992	1001.1	1948	1045.9	30/1989	0945	966.6	20/1965	1220
FEB	1016.6	1017.0	1032.1	1959	1003.5	1966	1047.5	7/1964	1050	952.5	25/1989	1050
MAR	1018.1	1016.7	1029.9	1953	1003.0	1947	1047.7	3/1990	0930	969.6	13/1951	1630
APR	1013.7	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947	0800	979.5	16/1998	1620
MAY	1019.7	1015.7	1025.3	1991	1007.6	1983	1036.1	22/1991	0900	981.3	5/2004	2350
JUN	1017.9	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959	0850	988.9	9/1954	1500
JUL	1014.9	1018.4	1023.5	1969	1013.9	1988	1034.5	12/1969	1150	986.6	3/1988	0845
AUG	1018.0	1017.6	1022.0	1981	1011.9	1963	1036.1	12/1949	0930	982.3	9/1948	0000
SEP	1023.2	1017.1	1024.2	1977	1009.9	1999	1037.3	22/1947	0700	974.7	13/1993	0630
OCT	1017.4	1015.6	1024.5	1971	1003.9	1960	1040.0	26/1969	2200	959.5	16/1987	0200
NOV	1004.6	1016.2	1026.5	2001	1001.5	2000	1041.9	2/2001	0850	965.0	19/1996	1720
DEC	1007.1	1016.0	1029.5	1991	1000.6	1978	1046.0	25/1991	0950	964.2	8/1954	1450
YEAR	1015.2	1016.7	1019.8	1949	1013.4	1960	1047.7	03/02/1990	0930	952.5	25/02/1989	1050

**RAINFALL**

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2009	DATE	2009	AVERAGE 1971-2000	2009	AVERAGE 1971-2000
JAN	108.8	89.2	210.0	2001	15.4	1992	17.5	18th	20	19.0	18	14.8
FEB	59.6	76.5	182.8	1978	4.8	1965	25.4	9th	12	16.3	7	12.3
MAR	54.4	66.7	179.6	2001	2.7	1961	17.2	3rd	13	16.3	10	12.0
APR	56.1	51.1	130.4	1966	2.9	1980	18.9	15th	15	12.9	9	9.5
MAY	58.0	49.6	128.7	1994	4.1	1989	12.9	13th	14	11.8	11	8.5
JUN	18.2	46.2	129.7	1986	0.6	1976	7.8	10th	7	10.6	5	7.2
JUL	77.4	37.6	120.2	1960	3.9	1999	14.4	21st	19	9.7	17	6.7
AUG	21.9	45.8	122.0	1951	3.8	1955	9.4	1st	8	10.2	5	7.2
SEP	22.7	66.8	194.5	1952	6.9	1997	13.4	2nd	6	13.5	3	9.9
OCT	71.0	89.1	233.9	1960	3.4	1978	18.5	23rd	13	16.3	12	12.5
NOV	234.5 *	97.9	192.5	1965	16.1	1978	21.0	29th	28 *	18.5	26 *	14.8
DEC	117.0	107.3	249.6	1999	28.1	1953	14.9	13th	23	19.1	20	15.5
YEAR	899.6	824.0	1317.0	1960	531.3	1989	25.4	09-Feb	178	174.1	143	130.6

\* NEW RECORD

**TEMPERATURE °C**

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2009	AVERAGE 1971-2000	2009	DATE	RECORD HIGHEST	DATE	2009	AVERAGE 1971-2000	2009	DATE	RECORD LOWEST	DATE
JAN	7.4	8.4	10.5	16th	13.3	4/48,9/07	3.4	4.7	-3.4	9th	-7.8	20/1963
FEB	8.1	8.2	10.6	27th	15.0	29/1948	3.7	4.4	-2.4	3rd	-7.2	21/48,7/91
MAR	10.5	9.6	13.7	17th	19.4	29/1965	5.3	5.2	2.4	4th,5th	-2.2	10,11/1958
APR	12.4	11.2	16.7	24th	24.3	16/2003	6.9	6.2	4.6	13th	-1.4	11/1986
MAY	14.7	14.4	19.9	29th	25.9	30/2003	9.0	8.7	5.6	10th	0.1	2/1979
JUN	18.4	16.9	25.4	30th	30.8	26/1976	11.7	11.1	8.0	7th	5.4	1/1975
JUL	19.4	19.2	28.2	1st	31.7	1/1952	13.6	13.2	10.9	10th	8.3	8/1954
AUG	19.1	19.5	23.7	31st	34.3	9/2003	13.8	13.7	11.3	30th	9.2	28/1986
SEP	17.7	17.6	23.2	8th	30.6	2/1961	12.7	12.5	10.3	22nd	5.8	28/1974
OCT	15.7	14.7	18.2	28th	23.3	4,5/1959	11.6	10.5	8.3	15th	3.5	28/2003
NOV	12.9	11.4	16.2	1st	16.8	1/99,8/05	9.0	7.7	5.7	29th	0.0	{18/52,19/85 {22,28/93
DEC	8.8	9.6	12.8	6th	15.6	6/1953	4.9	6.0	0.3	18th	-3.8	24/1963
YEAR	13.8	13.4	28.2	01-Jul	34.3	09/08/03	8.8	8.7	-3.4	09-Jan	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	5.4	6.6	9.0	2007	1.5	1963	4.0	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	5.9	6.3	9.0	1990	1.5	1986	4.4	3.8	4.7	2008	3.0	1986
MAR	7.9	7.4	10.3	1957	4.4	1962	5.2	4.4	6.4	1953	3.7	1964,81,88
APR	9.6	8.7	11.7	2007	6.4	1986	5.5	5.0	6.3	1984	3.7	1994
MAY	11.9	11.6	13.9	1989	9.9	1984	5.7	5.7	7.3	1989	4.6	1981
JUN	15.0	14.0	16.7	1976	11.3	1972	6.7	5.8	8.3	1976	4.1	1977
JUL	16.5	16.2	19.4	1983	13.8	1954	5.8	6.0	7.9	1983	4.4	1954
AUG	16.4	16.6	19.3	2003	14.3	1956	5.3	5.8	7.3	1955	4.3	1958
SEP	15.2	15.0	17.5	1949	12.8	1986	5.0	5.0	6.1	1961	3.6	1967
OCT	13.7	12.6	15.2	2001	9.6	1974	4.1	4.1	5.1	1947	3.5	1968
NOV	10.9	9.3	12.0	1994	7.7	1993	3.9	3.7	4.9	1969	2.8	1994
DEC	6.8	7.8	10.1	1953	4.6	1950	3.9	3.6	4.5	1968	2.8	1987
YEAR	11.3	11.1	12.1	1989/2003	9.6	1963	5.0	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			
	2009	DATE	RECORD LOWEST	DATE	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	-8.1	10th	-10.0	29/1947	4	2.5	16	1963	9	7.4	20	1985
FEB	-9.0	3rd	-11.1	12/1978	2	2.6	18	1986	11	7.8	24	1956
MAR	-4.6	6th	-9.4	3/1965	0	0.6	4	1947	10	7.0	18	1955
APR	-1.4	5th	-7.0	5/1990	0	0.1	1	1978,86	3	4.5	10	1984
MAY	1.7	9th	-5.6	5/1979	0	0.0	--	--	0	2.0	9	1979
JUN	5.4	7th	-3.0	14/1987	0	0.0	--	--	0	0.3	3	1987,89
JUL	4.4	10th	1.0	Jul-96	0	0.0	--	--	0	0.0	--	--
AUG	7.3	9th	0.8	11/1981	0	0.0	--	--	0	0.0	--	--
SEP	3.0	27th	-1.0	23/1979	0	0.0	--	--	0	0.1	1	1979,86,87
OCT	0.1	18th	-4.0	30/1983	0	0.0	--	--	0	0.5	6	1992
NOV	-0.6	10th	-5.6	29/1987	0	0.0	--	--	1	3.3	9	1988
DEC	-4.7	21st	-8.9	29/1964,27/1995	0	1.0	5	1970	7	5.4	10	1976
YEAR	-9.0	03-Feb	-11.1	12/02/1978	6	6.7	31	1963	41	38.4	62	1985

\* NEW RECORD

**NUMBER OF DAYS WITH**

MONTH	FOG					THUNDER				
	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	5	5.8	13	1955,82	2	1963,67,72,74,92	0	0.8	4	1979,98
FEB	6	7.0	15	1979	0	1969	1	0.5	3	1957,89
MAR	8	7.9	16	1960,94	0	1968,73	0	0.5	4	1958,67,82,87,95
APR	11	6.0	16	1963	2	1976,90	1	0.7	4	1981,95
MAY	9	7.1	19	1964	2	1988	1	1.2	4	1950,71
JUN	5	9.9	18	1965	1	1975	0	1.3	6	1982
JUL	7	11.2	20	1972,78	3	2008	4	1.6	5	1982,94
AUG	8	9.4	21	1997	2	1976	0	1.4	5	1974
SEP	2	5.6	15	1987	0	1952,53,72	0	1.2	10	1976
OCT	9	4.0	17	1986	0	-	0	1.4	5	1964
NOV	1	3.9	14	1992	0	-	3	0.8	4	1969
DEC	3	4.6	11	1995	0	1947,64,75,07	3	1.1	4	1976,93
YEAR	74	82.6	115	1994	52	2008	13	12.3	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	4	2.9	12	1963,85	5	5.4	13	1984,85	0	1955,64,70,92,93
FEB	7	3.9	18	1956	5	3.9	13	1988	0	-
MAR	1	1.7	10	1962,70	2	3.9	10	2008	0	-
APR	0	0.9	4	1970	1	3.0	10	1994	0	-
MAY	0	0.1	3	1979	0	0.6	3	1955,82	0	-
JUN	0	0.0	-	-	0	0.1	1	1986,87	0	-
JUL	0	0.0	-	-	0	0.1	1	1971,87,94	0	-
AUG	0	0.0	-	-	0	0.2	1	-	0	-
SEP	0	0.0	-	-	0	0.4	2	1973,74,84	0	-
OCT	0	0.0	-	-	0	1.7	7	1992	0	-
NOV	0	0.6	5	1980	8	4.2	11	2000	0	1948,55,83,94,95
DEC	6	1.6	9	1950	13 *	4.5	10	1979,82,86 1993,2004	0	1964,68,75
YEAR	18	11.6	30	1962,63,70,79	34	28.1	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2009	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2009	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	20	31	1948	4	1992	18	28	1948	3	1992
FEB	12	26	1970,95	2	1959	7	23	1951	1	1965
MAR	13	27	1979	3	1961	10	21	1947	1	1961
APR	15	21	1983	3	1976	9	18	1966	1	1976,80
MAY	14	26	1981	2	1989	11	19	1981	1	1989
JUN	7	21	1991	3	1975,76	5	14	1987,91	0	1976
JUL	19	20	1960,07	3	1999	17	15	1950,07	1	1999
AUG	8	21	1963	1	1976	5	18	1992	1	1955,76
SEP	6	23	1950,52	4	1959,97	3	21	1950	2	1959,97
OCT	13	28	1981	5	1965,78	12	24	1981	1	1978
NOV	28 *	27	1960	8	1978	26 *	25	1960	5	1988
DEC	23	28	1993	8	1991	20	26	1959	5	1991
YEAR	178	212	1960	138	1971	143	175	1960	96	1953

### WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2009	AVERAGE 1971-2000	2009	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2009	DATE	RECORD HIGHEST	DATE
JAN	12.5	14.7	2	2.6	11	1984	49	17th,23rd	77	25/1990
FEB	9.7	13.3	1	1.5	10	1990	50	10th	69	9/1988,11/1990
MAR	11.4	12.6	1	1.0	6	1980	50	8th	70	10/1982
APR	8.2	11.9	0	0.3	2	1964,72,83,94	31	8th,27th	60	9/1994
MAY	11.3	11.1	0	0.1	2	2007	42	11th	58	19/1996
JUN	8.7	10.6	0	0.0	0	-	31	17th	51	16/1965
JUL	10.7	10.3	0	0.0	1	1956,69	41	17th,23rd	63	31/1983
AUG	8.9	9.7	0	0.0	1	1956,61,86	38	29th	52	26/1986
SEP	10.8	11.1	0	0.2	2	1953,65,74,83	39	2nd	60	29/1962
OCT	9.6	12.5	0	0.9	4	1967,76	35	20th	81	16/1987
NOV	18.7	13.5	3	1.3	8	1977	56	14th	73	23/1984
DEC	12.8	14.5	0	2.2	9	1979	44	3rd	83	15/1979
YEAR	11.1	12.1	7	10.1	20	1972	56	14-Nov	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION														2009	
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	-	-	-	-	-	-	-	-	-	-	-	-	5.1
	4-10	knots	3.1	2.6	0.4	3.6	3.1	5.2	3.8	3.2	3.0	0.9	2.3	0.7	31.9
	11-21	knots	0.5	1.9	5.6	7.1	5.5	8.6	9.8	8.1	6.9	1.9	1.6	0.3	57.8
	22-33	knots	-	-	-	-	-	0.7	0.3	0.7	1.5	1.1	0.9	-	5.1
	≥34	knots	-	-	-	-	-	-	-	0.1	-	-	-	-	0.1
	DIRECTION ONLY		3.6	4.4	6.0	10.8	8.6	14.5	13.8	12.1	11.3	3.9	4.8	0.9	-
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	12.4
	4-10	knots	1.8	4.2	1.6	2.7	2.5	2.4	2.4	4.2	2.1	5.7	10.4	7.5	47.4
	11-21	knots	1.3	1.3	1.6	2.2	3.7	1.6	2.7	3.7	0.3	2.4	9.5	4.8	35.3
	22-33	knots	1.2	-	1.3	0.4	0.1	-	-	-	-	-	1.6	0.1	4.9
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		4.3	5.5	4.6	5.4	6.4	4.0	5.1	7.9	2.4	8.0	21.6	12.4	-
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.2
	4-10	knots	1.9	2.3	5.9	3.1	1.6	1.9	1.3	3.5	4.8	4.6	4.4	4.4	41.3
	11-21	knots	1.5	0.4	5.6	1.6	-	0.4	1.1	3.1	8.9	13.8	6.3	6.3	48.5
	22-33	knots	-	-	-	-	-	-	0.4	-	0.7	3.4	0.5	0.5	5.0
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		3.4	2.7	11.6	4.7	1.6	2.3	2.8	6.6	14.4	21.8	11.3	11.3	-
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.9
	4-10	knots	4.0	6.4	2.5	1.4	4.3	10.7	10.7	5.8	5.4	2.5	6.9	9.4	65.8
	11-21	knots	-	4.3	1.1	0.3	1.5	3.6	3.6	3.2	1.9	3.6	1.9	1.0	25.3
	22-33	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		4.0	10.7	3.6	1.7	5.8	14.3	14.3	9.0	7.4	6.1	8.9	10.4	-
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.5
	4-10	knots	1.5	4.6	5.8	0.9	0.5	1.3	3.2	4.8	5.2	4.8	4.8	3.9	41.5
	11-21	knots	-	1.2	10.3	1.7	-	0.9	1.9	8.3	8.6	10.8	2.6	1.3	47.7
	22-33	knots	-	-	3.6	-	-	-	-	-	1.2	0.3	0.1	-	5.2
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		1.5	5.8	19.8	2.7	0.5	2.3	5.1	13.2	15.1	15.9	7.5	5.2	-
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.1
	4-10	knots	1.4	5.7	7.5	5.8	4.4	6.7	2.9	4.2	5.3	6.1	5.8	5.7	61.5
	11-21	knots	0.1	2.1	10.1	4.7	0.4	0.3	0.6	0.6	2.2	6.5	3.9	0.3	31.3
	22-33	knots	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		1.5	7.8	17.6	10.6	4.9	6.7	3.2	4.7	7.5	12.8	9.7	6.0	-
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10	knots	0.3	0.9	1.9	1.1	1.2	8.2	8.6	12.6	6.3	4.7	2.7	0.8	49.3
	11-21	knots	-	0.4	0.1	0.1	-	0.5	2.6	9.0	16.1	15.1	0.9	-	44.8
	22-33	knots	-	-	-	-	-	-	-	-	-	1.9	0.1	-	2.0
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		0.3	0.9	2.3	1.2	1.2	8.7	11.2	21.6	22.4	21.6	3.8	0.8	-
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.8
	4-10	knots	2.0	-	-	0.1	2.0	7.4	7.9	8.9	10.5	9.0	8.9	9.3	66.0
	11-21	knots	0.1	-	-	-	-	1.2	3.0	3.8	6.7	7.1	5.5	0.5	28.0
	22-33	knots	-	-	-	-	-	-	-	-	-	1.2	-	-	1.2
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		2.2	-	-	0.1	2.0	8.6	10.9	12.6	17.2	17.3	14.4	9.8	-
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.0
	4-10	knots	9.9	6.7	1.8	0.1	-	1.7	1.9	3.9	1.5	4.2	3.2	12.4	47.2
	11-21	knots	0.8	11.7	16.5	-	-	0.6	0.4	2.1	4.7	2.6	3.5	1.0	43.9
	22-33	knots	-	0.4	0.1	-	-	-	0.1	-	0.4	2.4	0.4	-	3.9
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		10.7	18.8	18.5	0.1	-	2.2	2.5	6.0	6.7	9.2	7.1	13.3	-
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	10.1
	4-10	knots	2.4	6.7	1.1	3.5	3.2	9.0	4.4	4.4	3.0	3.8	2.8	3.9	48.3
	11-21	knots	0.8	2.3	1.1	0.3	-	8.3	6.1	4.4	7.9	8.9	0.8	0.5	41.5
	22-33	knots	-	-	-	-	-	-	-	-	-	0.1	-	-	0.1
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		3.2	9.0	2.2	3.8	3.2	17.4	10.5	8.9	10.9	12.8	3.6	4.4	-
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.3
	4-10	knots	0.4	1.1	-	-	-	1.5	2.2	1.7	-	0.1	-	0.4	7.5
	11-21	knots	2.6	0.4	-	-	-	5.3	7.8	14.6	14.0	6.4	7.1	1.1	59.3
	22-33	knots	0.7	-	-	-	-	0.4	0.4	8.9	11.5	8.3	0.6	0.8	31.7
	≥34	knots	-	-	-	-	-	-	-	-	0.3	-	-	-	0.3
	DIRECTION ONLY		3.8	1.5	-	-	-	7.2	10.4	25.1	25.8	14.9	7.6	2.4	-
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.8
	4-10	knots	2.0	1.3	1.3	3.9	2.3	4.8	2.4	5.1	1.9	1.6	3.5	2.7	32.9
	11-21	knots	2.8	4.6	5.4	4.4	2.6	0.5	5.4	17.7	6.6	3.9	3.5	1.5	58.9
	22-33	knots	0.7	-	0.3	-	-	-	-	0.8	0.4	1.3	1.9	-	5.4
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		5.5	5.9	7.0	8.3	4.8	5.4	7.8	23.7	8.9	6.9	8.9	4.2	-
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.0
	4-10	knots	2.5	3.5	2.5	2.2	2.1	5.1	4.0	5.2	4.1	4.0	4.6	5.2	45.0
	11-21	knots	0.9	2.5	4.8	1.9	1.1	2.6	3.7	6.6	7.1	7.0	3.9	1.5	43.6
	22-33	knots	0.2	-	0.4	-	-	-	0.1	0.9	1.3	1.7	0.5	-	5.4
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY		4.3	6.8	8.2	4.4	3.7	8.5	8.4	13.0	13.0	13.1	9.4	7.3	-

**GUERNSEY AIRPORT MET OFFICE 2009**

**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								1.5			1.0		
2					5.0		1.0						
3				3.0	1.0								
4				0.5									
5								2.0		3.5			
6										4.0			
7			3.0							8.0			
8				2.5								0.5	
9		2.5						0.5		1.0			
10								4.0					
11			13.5				0.5						
12	1.0		2.5			1.0		4.0					
13				0.5	2.0			2.5					
14					0.5	1.5		1.5					
15													
16													
17													
18		1.5	2.0				1.5						
19													
20							2.0						
21							0.5						
22	1.0			0.5									
23				3.0						1.0			
24										4.0			
25													
26						2.5		0.5					
27	4.5				3.0								
28	6.5				6.0					1.0			
29						2.5	0.5					4.5	
30				0.5									
31										3.0			
Tot Hrs	13.0	4.0	21.0	10.5	17.5	7.5	6.0	16.5	0.0	25.5	1.0	5.0	127.5
Tot Days	4	2	4	7	6	4	6	8	0	8	1	2	52

**Averages for Period 1991-2008**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	17.2	19.8	28.0	20.8	23.0	20.3	28.4	19.0	9.4	4.8	8.0	9.3	207.9
Days	4.3	4.8	7.4	6.2	6.7	6.9	8.3	7.1	3.1	2.4	2.7	3.4	63.3

**GUERNSEY AIRPORT MET OFFICE 2009**

**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								1.0			1.0		
2					4.5		0.5						
3				2.5									
4													
5				0.5				1.5		0.5			
6										1.0			
7			2.0							4.5			
8													
9		0.5											
10								2.5					
11			6.5					2.5					
12			0.5			0.5		3.0					
13								0.5					
14						0.5							
15													
16													
17													
18							0.5						
19													
20							0.5						
21													
22	0.5			0.5									
23				2.0									
24										2.5			
25													
26													
27	4.0												
28	2.5				4.0					1.0			
29						2.5						1.0	
30													
31										1.5			
Tot Hrs	7.0	0.5	9.0	5.5	8.5	3.5	1.5	11.0	0.0	11.0	1.0	1.0	59.5
Tot Days	3	1	3	4	2	3	3	6	0	6	1	1	33

**Averages for Period 1991-2008**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	9.3	9.6	12.8	10.6	12.2	9.6	13.2	8.3	4.0	1.1	2.8	3.6	97.2
Days	2.7	2.6	4.3	3.8	4.3	4.1	5.2	4.6	1.6	0.8	1.3	1.6	36.8

**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	8.3	11.6	16th	3.9	-2.9	9th	97.2	16.2	18th	82.7	5.4
FEB	9.3	12.3	28th	4.7	-0.3	2nd,3rd	75.8	24.5	9th	84.8	5.5
MAR	11.9	16.2	18th	6.2	3.1	31st	47.3	17.3	3rd	84.1	4.3
APR	13.9	18.6	24th	7.9	4.4	1st	52.1	20.1	15th	87.0	5.1
MAY	16.0	22.5	29th	10.0	7.2	10th	46.8	13.4	13th	81.6	4.7
JUN	19.8	27.1	28th	12.5	8.7	5th	21.7	7.2	10th	79.7	4.7
JUL	20.3	28.0	1st	14.8	12.2	27th	75.7	13.0	26th	82.8	5.7
AUG	20.4	25.5	31st	15.2	13.0	8th	18.4	6.9	1st	83.4	5.3
SEP	19.1	22.1	8th	13.9	11.2	27th	27.3	14.4	2nd	80.9	5.2
OCT	16.7	19.3	6th	12.8	8.7	18th	68.1	15.1	4th	82.6	6.2
NOV	13.6	17.0	1st	10.3	7.2	29th	190.7	22.4	12th	81.2	5.8
DEC	9.9	13.7	9th	6.1	1.6	19th	114.1	16.3	13th	79.5	6.2
YEAR	15.0	28.0	01-Jul	9.9	-2.9	09-Jan	835.2	24.5	09-Feb	82.5	5.4

**REPORT FOR LIHOU**

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	8.2	10.9	16th	5.1	-0.2	9th	95.6	17.2	19th
FEB	8.5	10.7	28th	5.2	-0.4	2nd	53.7	25.2	9th
MAR	10.4	13.6	17th	6.9	4.3	4th	46.0	15.4	3rd
APR	12.5	17.5	24th	8.3	6.2	23rd	48.4	17.6	15th
MAY	14.1	18.4	29th	10.0	7.7	9th,10th	46.2	11.2	17th
JUN	17.4	21.3	30th	12.5	8.9	7th	23.8	7.0	10th
JUL	19.2	22.7	1st	14.5	12.2	27th	69.4	10.0	27th
AUG	19.4	26.0	31st	15.3	14.0	6th	20.8	8.8	1st
SEP	18.0	20.6	7th	14.7	12.8	27th	24.2	13.4	2nd
OCT	16.2	18.3	6th	13.1	9.5	15th	62.4	16.6	5th
NOV	13.6	16.6	1st	10.5	7.3	29th	196.0	32.8	13th
DEC	9.8	13.4	6th	6.5	2.3	18th	123.2	18.4	2nd
YEAR	14.0	26.0	31-Aug	10.2	-0.4	02-Feb	809.7	32.8	13-Nov



**REPORT FOR SARK**

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE	
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY		
JAN	7.7	11.2	13th,17th	3.8	-1.0	9th	98.2	13.9	21st	86.6
FEB	9.1	13.3	25th	4.5	-1.7	2nd	57.4	22.8	9th	96.1
MAR	12.4	16.2	17th	6.1	2.5	5th	51.8	14.6	3rd	201.8
APR	13.8	16.7	23rd	7.7	5.1	28th	57.2	17.2	15th	190.5
MAY	15.6	20.7	25th	9.7	7.5	4th,9th	46.1	14.8	25th	240.0
JUN	19.2	24.1	28th	12.3	8.5	8th,9th	30.6	12.1	10th	265.2
JUL	21.1	28.0	1st	14.1	11.2	27th	54.1	9.7	26th	251.4
AUG	21.2	25.8	31st	14.5	12.9	29th	18.3	7.8	1st	212.9
SEP	19.5	25.1	8th	13.8	12.0	22nd	27.2	15.3	2nd	201.7
OCT	16.5	19.6	4th	12.1	9.0	15th	78.8	26.4	22nd	100.4
NOV	13.3	17.0	1st	9.4	6.0	30th	236.0	28.0	29th	65.7
DEC	9.5	13.5	9th	5.4	0.7	19th	118.9	14.5	2nd	62.8
YEAR	14.9	28.0	01-Jul	9.5	-1.7	02-Feb	874.6	28.0	29-Nov	1975.1

**REPORT FOR ALDERNEY**

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY	
JAN	7.5	10.5	22nd	4.0	-1.2	9th	100.0	18.8	19th
FEB	8.2	10.6	20th,27th	4.1	-2.0	3rd	62.0	27.4	9th
MAR	10.1	12.3	16th	5.6	2.0	4th	49.0	17.3	3rd
APR	11.8	16.2	24th	7.3	4.8	23rd	36.5	12.2	27th
MAY	13.9	19.3	31st	9.4	6.0	10th	27.9	7.4	17th
JUN	17.4	22.9	30th	12.0	8.4	8th	43.7	15.5	29th
JUL	18.3	23.4	1st,2nd	13.9	11.5	27th	74.3	15.0	21st
AUG	18.7	23.9	31st	14.5	12.5	9th	13.2	6.6	1st
SEP	17.7	19.6	8th	13.7	10.7	25th	33.3	17.3	2nd
OCT	15.7	18.1	6th	12.4	8.9	18th	70.9	23.9	5th
NOV	12.9	16.5	1st	9.8	6.8	30th	213.5	36.6	13th
DEC	9.0	13.4	9th	5.7	0.6	19th	134.0	24.1	2nd
YEAR	13.4	23.9	31-Aug	9.4	-2.0	03-Feb	858.3	36.6	13-Nov

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JANUARY 2009

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	1027.5	4.3	1.4	2.9	0.2	4.8	<b>8.1</b>	080	14	12.7	24	NIL	NIL	Cloudy, mist or haze	
FRI	2	1027.5	5.3	1.7	3.5	0.2	4.8	8.0	070	19	15.0	28	NIL	<b>7.3</b>	Cloudy, haze bec fair or fine. Cloudy late	
SAT	3	1027.6	4.4	1.5	2.9	0.6	4.7	7.8	070	13	12.2	25	NIL	3.5	Cloudy, ocnl fair am. Bec fine pm	
SUN	4	1026.2	4.1	-2.2	1.0	-5.5	3.8	7.8	110	07	5.2	13	0.7	2.9	Fine, hoar frost bec fair then cloudy. Slt rain late	
MON	5	1019.0	6.3	2.5	4.4	-3.5	4.2	7.6	360	09	13.4	35	1.1	0.6	Mainly cloudy, slt rain early. Shwrs pm, small hail. Slt snow shwrs	
TUE	6	1025.0	<b>3.0</b>	1.0	2.0	0.0	4.0	7.5	070	11	12.8	27	NIL	0.8	Cloudy, slt snow shwrs early. Tempo fair early pm, dry air	
WED	7	1026.7	4.8	-1.2	1.8	-7.6	3.5	7.3	010	03	5.2	15	0.4	0.1	Fair or fine bec cloudy. Slt shwrs pm	
THU	8	<b>1028.9</b>	6.2	2.1	4.2	-0.8	3.8	7.3	040	07	7.8	23	TR	1.2	Cloudy, shwrs early, sleet. Slt shwrs early pm bec fine	
FRI	9	1027.9	3.1	<b>-3.4</b>	<b>-0.2</b>	-7.1	3.4	7.0	120	03	<b>4.7</b>	17	NIL	5.5	Fine, hoar frost early & late, ocnl fair	
SAT	10	1028.5	5.3	-2.6	1.4	<b>-8.1</b>	2.8	7.0	120	04	6.6	15	NIL	5.1	Fine, hoar frost bec fair. Tempo haze pm	
SUN	11	1027.9	8.6	4.6	6.6	1.1	<b>2.7</b>	6.7	180	11	14.3	35	NIL	3.3	Fair to cloudy. Tempo haze late am/early pm. Bec cloudy	
MON	12	1016.1	9.9	7.7	8.8	6.3	4.4	<b>6.6</b>	190	17	16.9	33	4.2	NIL	Cloudy, tempo fair early. Rain & drzl pm. Ocnl mist, tempo fog evng	
TUE	13	1011.3	9.9	5.2	7.6	<b>8.4</b>	5.8	<b>6.6</b>	230	09	10.4	21	1.0	4.4	Cloudy, mist, slt shwrs mid am. Fair late am. Slt shwrs early pm	
WED	14	1016.3	8.8	4.6	6.7	-2.5	5.5	6.8	170	<b>02</b>	9.8	25	TR	3.7	Slt shwrs early bec fine. Cloudy pm. Slt drzl mid pm	
THU	15	1011.0	7.7	6.1	6.9	5.9	6.1	6.9	150	17	14.4	29	1.3	NIL	Cloudy, rain evng. Mist late	
FRI	16	1014.9	<b>10.5</b>	6.1	8.3	5.7	6.2	7.1	190	13	12.5	24	1.6	2.3	Cloudy, mist. Slt shwr. Fair early pm bec cloudy	
SAT	17	1014.3	9.9	<b>8.0</b>	<b>9.0</b>	6.4	6.9	7.2	250	16	<b>23.1</b>	<b>49</b>	9.7	3.4	Cloudy, rain early bec fine. Cloudy pm. Rain & gale late evng	
SUN	18	998.9	10.0	4.0	7.0	2.5	7.0	7.4	260	23	18.9	47	<b>17.5</b>	3.7	Fair, ocnl cloudy, shwrs. Tempo shwrs small hail. Hvy hail shr midday	
MON	19	984.5	10.0	3.1	6.6	1.7	6.8	7.5	250	<b>26</b>	20.9	48	14.4	0.1	Cloudy, rain. Tempo hvy rain early. Gale mid am. Shwrs. Tempo small hail	
TUE	20	992.2	6.7	1.8	4.3	0.2	5.9	7.6	240	07	9.7	26	4.1	0.2	Cloudy, shwrs. Tempo hvy rain/hail mid am. Lghtng late	
WED	21	1005.6	7.9	2.8	5.4	-0.4	5.3	7.5	260	09	13.6	37	15.1	3.8	Fair, ocnl cloudy early, slt shwrs. Cloudy pm, rain bec mod rain	
THU	22	990.1	10.1	6.8	8.5	5.8	6.3	7.4	250	18	16.1	33	9.0	0.4	Rain, tempo mod rain bec rain & drzl. Fog mid am. Shwrs. Rain evng	
FRI	23	<b>979.3</b>	8.4	5.1	6.8	5.3	<b>7.2</b>	7.4	300	25	19.9	<b>49</b>	3.4	5.8	Rain. Tempo hvy rain/fog patch mid am bec fair, shwrs. Fine pm	
SAT	24	990.7	8.5	3.3	5.9	2.3	6.4	7.5	340	10	11.2	37	4.8	3.7	Cloudy bec rain then shwrs. Bec fair or fine pm. Cloudy late evng, rain	
SUN	25	984.9	8.6	5.9	7.3	4.8	6.6	7.5	200	18	14.1	39	6.4	NIL	Cloudy, rain am. Slt shwrs pm. Fine late	
MON	26	996.1	8.9	5.4	7.2	3.7	6.4	7.6	240	03	8.8	29	1.2	1.6	Fine bec cloudy, shwrs. Small hail midday. Ocnl fair pm	
TUE	27	1013.7	9.1	4.8	7.0	-1.6	6.3	7.6	200	05	6.5	16	9.4	3.0	Fine, dew bec fair. Cloudy late am. Drzl & fog by evng. Tempo thick fog	
WED	28	1013.6	8.4	6.0	7.2	6.6	6.9	7.6	130	08	7.0	14	1.9	NIL	Fog bec rain. Hvy rain mid am. Slt rain. Fog evng, tempo thick fog	
THU	29	1014.4	6.6	4.0	5.3	3.5	6.9	7.6	120	14	13.3	27	1.6	2.5	Drzl & fog early. Cloudy. Ocnl fine late am. Cloudy pm. Haze evng. Drzl later	
FRI	30	1012.5	6.7	4.3	5.5	4.1	6.5	7.7	130	18	15.8	28	NIL	2.8	Ocnl rain & mist bec haze. Ocnl fair	
SAT	31	1005.3	6.6	4.1	5.4	3.2	6.1	7.6	120	13	13.5	34	NIL	0.2	Fair, haze bec Mainly cloudy	
MEAN		1011.6	7.4	3.4	5.4	1.3	5.4	7.4	SE	12.0	12.5	TOTAL	108.8	71.9		
30 YEAR AVE. 1971-00		1017.1	8.4	4.7	6.6	2.7	6.7	8.0	W	14.4	14.7	////	89.2	57.9		
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		
		20	18	4	5	0	1	4	9	5	0	2	5			
RECORDS FROM JANUARY 1947													RAINFALL	108.8 mm	SUNSHINE	71.9 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	20	SUNLESS DAYS	5	WET DAYS	18	
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 2009**

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
SUN	1	1005.1	4.6	0.6	2.6	-0.4	5.5	7.6	080	22	<b>20.9</b>	44	8.0	4.3	Fair, haze early. Ocnl cloudy pm. Snow shwrs later. Mod snow shwrs		
MON	2	997.4	<b>1.5</b>	-1.8	<b>-0.2</b>	-1.4	4.7	7.5	010	15	10.8	29	3.0	3.7	Snow shwrs, tempo hvy snow. Bec fair. Snow shwrs later, snow pellets		
TUE	3	995.8	4.7	<b>-2.4</b>	1.2	<b>-9.0</b>	4.2	7.3	220	17	14.6	32	TR	6.5	Snow shwrs early bec fair		
WED	4	990.7	4.9	2.2	3.6	1.9	<b>4.0</b>	7.1	110	15	14.7	34	5.8	NIL	Fair bec cloudy. Rain pm, tempo sleet. Shwrs evng, tempo small hail		
THU	5	987.2	9.0	4.7	6.9	3.1	4.7	6.9	200	05	9.4	29	4.5	4.6	Cloudy, slt shwrs early bec fair. Shwrs pm. T&L evng		
FRI	6	<b>981.1</b>	8.0	2.1	5.1	5.1	5.6	6.8	140	08	16.6	43	8.8	NIL	Rain. Ocnl drzl/rain. Tempo hvy rain early pm. Tempo sleet pm		
SAT	7	998.7	6.0	2.6	4.3	0.3	4.9	6.8	330	15	15.1	31	0.3	4.4	Fair, tempo cloudy. Slt shwrs sleet/snow pellets		
SUN	8	1005.1	7.7	1.4	4.6	-2.9	4.5	6.8	250	<b>03</b>	9.5	30	1.8	NIL	Fair bec cloudy. Shwrs early, sleet/small hail. Ocnl rain/drzl pm		
MON	9	999.3	10.0	4.6	7.3	2.1	5.0	6.8	140	17	15.4	37	<b>25.4</b>	NIL	Rain mid am. Bec mod rain. Mist, tempo fog late am. Tempo hvy rain		
TUE	10	1005.9	9.3	3.3	6.3	3.3	5.8	<b>6.6</b>	300	<b>25</b>	20.6	<b>50</b>	0.8	6.3	Slt rain early, tempo gale bec fair. Ocn fine pm. Tempo shwrs		
WED	11	1019.2	8.6	3.7	6.2	-0.9	5.5	<b>6.6</b>	320	<b>03</b>	6.9	20	TR	5.1	Fair, shwr early & evng		
THU	12	1027.6	7.0	1.2	4.1	-1.7	5.5	6.8	030	06	7.5	23	0.2	7.4	Fair, tempo cloudy early. Cloudy late, slt rain		
FRI	13	1023.2	9.6	3.2	6.4	0.2	6.0	6.9	310	12	9.5	22	NIL	1.4	Mainly cloudy, slt rain early. Bec fair by evng, dew		
SAT	14	1028.8	6.7	2.6	4.7	-0.8	6.0	6.9	080	04	3.6	13	NIL	5.1	Cloudy bec fair. Fine pm. Fair to cloudy evng		
SUN	15	1031.4	6.6	1.6	4.1	-3.3	5.4	7.0	180	<b>03</b>	4.8	13	NIL	NIL	Cloudy, ocnl fair evng		
MON	16	1029.2	9.5	4.7	7.1	-0.1	5.4	6.9	310	08	7.9	16	NIL	6.6	Cloudy bec fair. Cloudy by evng		
TUE	17	1029.4	9.2	6.5	7.9	6.7	6.3	7.0	310	10	10.7	20	TR	NIL	Cloudy. Slt drzl late evng		
WED	18	1027.4	9.0	6.5	7.8	<b>7.1</b>	6.9	7.0	040	04	3.8	11	0.3	NIL	Cloudy bec mist. Ocnl drzl late am, tempo mod drzl, fog patch		
THU	19	1028.7	7.3	5.7	6.5	<b>5.5</b>	7.1	7.2	190	05	5.2	10	0.7	NIL	Drzl & mist. Fog patch early pm. Tempo thick fog late pm		
FRI	20	1032.2	8.3	4.8	6.6	1.7	7.4	7.3	100	<b>03</b>	<b>3.3</b>	09	TR	0.2	Cloudy, mist. Tempo fog early. Tempo fine mid am. Fair late evng		
SAT	21	<b>1034.9</b>	9.6	3.9	6.8	-1.1	6.8	7.3	320	05	8.3	19	NIL	7.0	Shallow fog early bec fair. Mainly cloudy by mid pm		
SUN	22	1031.8	9.7	6.5	8.1	4.2	7.1	7.4	290	13	13.0	26	NIL	1.3	Cloudy bec fine, dew. Than mainly cloudy. Fair evng, dew later		
MON	23	1027.7	9.5	6.0	7.8	1.0	7.2	7.5	330	09	6.8	18	NIL	2.1	Fair, dew bec cloudy. Ocnl fair midday & late		
TUE	24	1028.0	9.6	6.0	7.8	1.4	7.5	7.5	010	<b>03</b>	3.8	14	NIL	NIL	Fair, shallow fog bec overcast. Ocnl haze		
WED	25	1031.3	10.1	6.0	8.1	5.6	7.7	7.7	180	<b>03</b>	4.1	11	TR	<b>8.5</b>	Overcast bec fair. Cloudy late evng. Slt drzl late		
THU	26	1028.8	9.5	6.3	7.9	3.1	7.9	7.7	270	10	8.7	19	TR	2.4	Slt drzl/rain early. Mainly cloudy, ocnl fair pm		
FRI	27	1024.3	<b>10.6</b>	<b>6.8</b>	<b>8.7</b>	4.4	<b>8.1</b>	<b>7.9</b>	300	08	6.5	16	NIL	6.3	Cloudy bec fine mid am. Fair pm bec cloudy. Fine later, shallow fog		
SAT	28	1015.5	10.4	2.9	6.7	-0.9	7.8	<b>7.9</b>	100	11	8.4	20	NIL	6.8	Mainly fine, dew. Tempo shallow fog. Bec fair late am. Haze evng		
MEAN		1016.6	8.1	3.7	5.9	1.2	6.1	7.2	NW	9.4	9.7	TOTAL	59.6	90.0	Snow lying at 0900		
30 YEAR AVE. 1971-00		1017.0	8.2	4.4	6.3	2.5	6.4	7.3	SW	13.4	13.3	////	76.5	78.4	2nd 21cm 3rd 10cm		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		12	7	7	5	1	2	2	11	6	0	1	9				
RECORDS FROM JANUARY 1947														RAINFALL	168.4 mm	SUNSHINE	161.9 hrs
WETTEST DAY DAY/YEAR	59.0mm 18th/1978	DRIEST MONTH YEAR	4.8mm 1965	LOWEST MIN DAY/YEAR	-7.2°C 21st/48,7th/91	WARMEST MNTH YEAR	9.0°C 1990	SUNNIEST MNTH YEAR	143.9 2008	RAINFALL DAYS	32	SUNLESS DAYS	14	WET DAYS	25		
WETTEST MNTH YEAR	182.8mm 1978	HIGHEST MAX DAY/YEAR	15.0°C 29th/1948	LOWEST GRASS DAY/YEAR	-11.1°C 12th/1978	COLDEST MNTH YEAR	1.5°C 1986	DULLEST MNTH YEAR	36.1hrs 1976								

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MARCH 2009

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
SUN	1	1009.0	9.3	4.6	7.0	0.2	7.8	8.0	310	09	10.1	20	NIL	2.7	Shallow fog/fog early bec cloudy, mist. Ocnl fair pm. Fine later	
MON	2	1019.7	9.5	4.7	7.1	-0.8	7.6	8.0	310	08	8.8	17	1.7	9.9	Fine, dew early. Sunny. Bec cloudy late evng. Slt rain late	
TUE	3	1012.5	9.5	6.7	8.1	3.5	8.1	8.2	220	11	14.7	39	<u>17.2</u>	1.1	Drzl/rain early. Fog patch bec mist. Bec rain pm, tempo hvy rain evng	
WED	4	<u>985.1</u>	7.8	<u>2.4</u>	5.1	-0.1	7.6	8.2	300	12	10.8	32	13.0	4.2	Rain early, tempo hvy rain bec fair. Shwrs. Sleet/hail shwrs	
THU	5	987.8	<u>5.8</u>	<u>2.4</u>	<u>4.1</u>	0.4	7.1	8.1	360	14	13.3	34	1.0	2.8	Freq shwrs early early. Hvy shwrs. Bec fair pm. Fine evng	
FRI	6	1009.3	9.3	3.1	6.2	<u>-4.6</u>	<u>6.5</u>	8.0	220	05	8.5	19	1.5	4.3	Fine bec fair to cloudy. Drzl by evng. Mod drzl later	
SAT	7	1014.7	10.4	6.7	8.6	4.2	7.1	8.0	280	10	10.8	30	2.5	3.8	Drzl, tempo thick fog early. Cloudy, ocnl fair am. Drzl & fog by evng	
SUN	8	1011.0	10.4	5.4	7.9	4.6	7.9	<u>7.9</u>	270	12	<u>21.0</u>	<u>50</u>	0.8	7.8	Drzl & rain early, tempo fog bec fair. Shwr small hail early pm. Gale	
MON	9	1017.6	9.7	5.0	7.4	2.6	7.4	<u>7.9</u>	280	21	18.8	34	6.9	7.2	Fair or fine, slt shwrs. Bec cloudy pm. Shwrs evng	
TUE	10	1012.2	10.8	7.3	9.1	5.0	7.9	8.0	260	<u>23</u>	18.0	39	TR	6.8	Cloudy, rain. Tempo hvy rain bec fair. Mist bec haze	
WED	11	1025.5	9.4	5.8	7.6	0.5	8.3	8.1	240	04	6.9	16	1.0	NIL	Fair, mist & dew bec fog. Ocnl fog. Drzl & thick fog pm	
THU	12	1025.8	10.3	<u>8.1</u>	9.2	<u>8.1</u>	8.6	8.2	240	10	10.3	22	0.1	0.2	Thick fog, tempo slt drzl bec ocnl fog. Cloudy pm	
FRI	13	1022.9	11.8	7.5	9.7	6.1	8.7	8.3	160	05	7.3	19	TR	6.2	Cloudy then fair pm	
SAT	14	1019.4	11.0	7.6	9.3	5.7	<u>9.2</u>	8.4	280	14	13.3	24	NIL	8.6	Cloudy, slt drzl early. Mist, fog patch. Bec fair or fine	
SUN	15	1032.3	12.9	5.6	9.3	0.2	8.8	8.5	350	04	3.9	09	NIL	9.5	Fair, dew. Shallow fog mid am. Dew later	
MON	16	1033.8	13.6	3.1	8.4	-0.1	8.5	8.7	130	07	5.2	11	NIL	10.5	Fair, dew early. Fine late	
TUE	17	1033.1	<u>13.7</u>	5.0	9.3	0.9	8.6	8.6	070	10	10.0	22	TR	10.6	Fine, dew early bec fair. Fine pm	
WED	18	1030.5	13.1	6.7	<u>9.9</u>	3.9	9.0	8.7	070	10	10.4	22	NIL	10.6	Fine, dew bec mist then haze	
THU	19	1026.2	13.0	6.2	9.6	3.4	9.1	8.7	070	11	12.0	25	NIL	11.0	Fine, mist or haze early.	
FRI	20	1029.8	11.6	5.5	8.6	2.5	9.0	8.7	110	09	11.6	25	NIL	10.8	Fine, mist & dew early. Tempo haze	
SAT	21	1031.7	11.5	4.0	7.8	-0.9	8.9	8.8	280	03	5.7	14	NIL	10.7	Fine. Haze evng bec fair	
SUN	22	<u>1034.2</u>	10.3	5.8	8.1	-0.6	9.0	8.9	030	11	8.9	20	NIL	8.8	Fine, dew bec fair to cloudy. Fine late am	
MON	23	1026.5	10.9	5.6	8.3	-0.8	9.0	8.9	290	15	16.6	31	TR	8.4	Fine, dew bec cloudy, mist mid am then fair. Cloudy evng. Slt drzl	
TUE	24	1023.0	9.3	5.7	7.5	2.9	9.0	<u>9.0</u>	350	14	15.4	32	TR	9.8	Fair or fine. Tempo cloudy mid am	
WED	25	1010.5	10.8	6.7	8.8	4.0	9.0	<u>9.0</u>	290	<u>23</u>	19.6	36	TR	6.8	Cloudy, slt rain mid am. Fair pm. Cloudy late	
THU	26	1010.6	9.4	7.4	8.4	4.6	<u>9.2</u>	<u>9.0</u>	250	20	18.7	35	1.8	NIL	Cloudy. Drzl & mist late am, tempo fog. Drzl & rain early pm. Fog patches	
FRI	27	1005.1	10.3	5.1	7.7	3.1	8.8	<u>9.0</u>	260	11	14.4	33	6.2	6.0	Fair, ocnl cloudy, slt shwrs. Bec cloudy pm. Shwrs/rain evng	
SAT	28	1000.6	10.1	4.6	7.4	2.3	8.6	<u>9.0</u>	320	17	13.5	27	0.4	9.0	Fair, ocnl cloudy am, shwrs. Fair or fine pm	
SUN	29	1014.5	8.3	2.5	5.4	-1.3	8.4	<u>9.0</u>	160	06	4.1	16	0.3	3.0	Fine bec cloudy late am. Shwrs. Fair or fine by evng	
MON	30	1021.2	10.2	3.4	6.8	-2.9	7.9	<u>9.0</u>	090	<u>01</u>	<u>3.3</u>	13	NIL	<u>11.9</u>	Fine, slt hoar frost early. Ocnl dry air	
TUE	31	1024.1	11.3	2.8	7.1	-2.4	7.8	<u>9.0</u>	070	07	6.7	18	NIL	11.8	Fine, dew & slt hoar frost. Dry air	

MEAN	1018.1	10.5	5.3	7.9	1.7	8.3	8.5	W	10.9	11.4	TOTAL	54.4	214.8	
30 YEAR AVE. 1971-00	1016.7	9.6	5.2	7.4	2.7	7.5	7.8	W	12.9	12.6	////	66.7	126.1	

EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE
		13	10	1	2	0	0	0	10	8	0	1	2	

RECORDS FROM JANUARY 1947														
WETTEST DAY	30.0mm	DRIEST MONTH	2.7mm	LOWEST MIN	-2.2°C	WARMEST MNTH	10.3°C	SUNNIEST MNTH	206.1hrs	RAINFALL	222.8 mm	SUNSHINE	376.7 hrs	
DAY/YEAR	28th/1960	YEAR	1961	DAY/YEAR	10th/11th/1958	YEAR	1957	YEAR	1973	RAIN DAYS	45	SUNLESS DAYS	16	
WETTEST MNTH	179.6mm	HIGHEST MAX	19.4°C	LOWEST GRASS	-9.4°C	COLDEST MNTH	4.4°C	DULLEST MNTH	67.4hrs	WET DAYS	35			
YEAR	2001	DAY/YEAR	29th/1965	DAY/YEAR	3rd/1965	YEAR	1962	YEAR	1964					

**METEOROLOGICAL OBSERVATIONS GUERNSEY APRIL 2009**

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
WED	1	1021.4	11.8	5.1	8.9	-1.2	<u>8.0</u>	8.9	040	11	11.4	30	NIL	11.5	Fine, dew early	
THU	2	1019.6	<u>10.3</u>	6.5	8.4	4.9	8.5	<u>8.8</u>	050	12	9.1	23	TR	3.3	Fine, dew bec cloudy, mist then haze. Bec fine pm. Shallow fog & mist later	
FRI	3	1018.9	10.8	5.0	7.9	-1.0	8.6	8.9	260	11	6.7	16	1.3	3.1	Fine, shallow fog bec thick fog. Cloudy, mist or haze. Ocnl fair pm	
SAT	4	1020.6	11.7	6.1	8.9	4.4	9.3	<u>8.8</u>	300	15	10.3	22	NIL	10.1	Cloudy, mist. Tempo drzl/rain. Fog patch bec fine	
SUN	5	1024.3	12.1	5.5	8.8	<u>-1.4</u>	9.4	9.0	130	04	4.4	12	NIL	9.0	Fair or fine, shallow fog/fog patches. Mist bec fine/fair pm, cloudy late	
MON	6	1010.0	11.4	6.5	9.0	2.6	10.2	9.2	160	10	8.5	26	2.0	2.4	Cloudy bec fair then mainly cloudy. Drzl/rain & mist evng. Fair	
TUE	7	1010.3	11.9	6.4	9.2	4.3	9.9	9.2	220	09	10.2	29	6.6	11.1	Fair bec fine. Cloudy late evng, rain late	
WED	8	1009.3	12.0	8.4	10.2	5.4	10.7	9.4	260	10	10.1	<u>31</u>	1.0	3.6	Rain early, ocnl mod rain/drzl. Fog patch. Fair late am. Drzl/fog evng	
THU	9	1010.0	12.6	8.9	10.8	9.1	11.2	9.6	160	11	9.6	20	0.7	0.6	Cloudy, mist. Fog patch mid am. Tempo fair	
G.FRI	10	1002.0	10.5	7.8	9.2	7.5	11.1	9.9	160	08	8.2	16	0.6	NIL	Cloudy, rain. Ocnl mist. Ocnl rain early pm	
SAT	11	1009.5	10.5	6.2	8.4	3.6	10.7	10.0	330	08	7.5	15	NIL	7.8	Cloudy bec fair. Tempo cloudy. Fine evng, dew later	
E.SUN	12	1015.2	11.9	5.7	8.8	0.8	10.4	9.9	330	09	6.3	13	NIL	8.2	Fine, dew bec cloudy. Fair late am. Fine later, dew.	
E.MON	13	1012.6	13.1	<u>4.6</u>	8.9	0.2	10.6	10.1	160	06	6.4	15	1.2	8.6	Fine, dew, shallow fog. Tempo cloudy. Tempo fog early pm	
TUE	14	1008.5	12.1	8.2	10.1	6.3	11.3	10.1	160	05	7.5	17	0.5	0.1	Cloudy, ocnl slt rain. Tempo mist late am	
WED	15	1002.5	13.6	8.8	11.2	7.7	11.5	10.2	040	06	5.4	18	<u>18.9</u>	1.8	Mist. T&L, hvy rain late am. Hvy rain early pm, fog patch. Hvy shwrs	
THU	16	1005.9	13.1	7.6	10.4	7.1	11.5	10.4	160	09	6.8	21	NIL	5.1	Sl't shwr early. Cloudy, ocnl fair. Fine later, dew	
FRI	17	1011.5	14.3	6.2	10.3	2.1	11.4	10.4	220	08	<u>4.0</u>	10	NIL	11.6	Fine, dew. Tempo shallow fog early. Ocnl fair	
SAT	18	1016.1	10.4	7.1	8.8	2.3	11.5	10.4	020	08	6.0	14	TR	0.3	Fair, dew. Shallow fog early. Bec cloudy. Tempo slt drzl/rain.	
SUN	19	1022.4	10.6	6.7	8.7	2.5	10.9	10.6	030	13	10.0	25	NIL	3.5	Fine, dew bec fair to cloudy. Fine late evng, mist & dew	
MON	20	1027.6	14.3	6.7	10.5	1.9	10.8	10.6	360	04	5.1	15	NIL	<u>12.7</u>	Fine, dew, shallow fog. Fog patch. Fine, haze	
TUE	21	<u>1028.9</u>	13.7	8.4	11.1	3.8	11.4	10.5	320	09	8.2	18	NIL	10.3	Fine, haze & dew bec fair, ocnl fine	
WED	22	1028.2	14.2	6.4	10.3	2.1	11.5	10.4	110	<u>02</u>	4.8	11	NIL	11.2	Fair, dew. Adjacent fog pm. Tempo fog. Shallow fog later, dew	
THU	23	1023.9	16.6	6.4	11.5	1.3	11.8	10.7	120	<u>03</u>	6.1	18	NIL	9.3	Fair, adjacent fog. Tempo fog mid am. Fair pm, dry air	
FRI	24	1013.8	<u>16.7</u>	<u>10.2</u>	<u>13.5</u>	8.6	<u>12.8</u>	10.7	140	10	10.7	26	0.8	8.8	Fair, tempo cloudy. Dry air pm. Cloudy evng, rain later	
SAT	25	1007.0	13.5	7.1	10.3	5.5	12.6	11.0	200	<u>16</u>	11.0	26	0.9	9.7	Rain early bec fair, tempo cloudy. Shwrs	
SUN	26	1007.0	12.0	7.3	9.7	4.5	12.3	<u>11.2</u>	180	13	12.7	25	5.4	3.1	Fair bec mainly cloudy, shwrs	
MON	27	<u>999.2</u>	11.1	6.2	8.7	6.7	12.1	<u>11.2</u>	260	14	<u>13.3</u>	<u>31</u>	13.1	4.4	Cloudy bec rain. Ocnl mod/hvy rain am. Bec fair pm. Hvy shwr/hail late	
TUE	28	999.9	10.4	4.9	<u>7.7</u>	0.7	11.1	<u>11.2</u>	070	05	7.1	19	NIL	4.9	Fair bec cloudy late am. Bec fair again pm	
WED	29	1010.4	12.5	5.6	9.1	1.2	11.0	<u>11.2</u>	230	09	7.6	18	0.5	8.5	Fine, dew bec fair. Gradu cloudy pm. Tempo slt rain evng	
THU	30	1013.4	11.9	9.6	10.7	<u>9.3</u>	12.2	<u>11.2</u>	160	10	10.3	20	2.6	NIL	Cloudy. Rain mid am. Ocnl mod rain early pm, fog patch	
MEAN		1013.7	12.4	6.9	9.6	3.8	10.9	10.1	S	8.9	8.2	TOTAL	56.1	184.6		
30 YEAR AVE. 1971-00		1015.3	11.2	6.2	8.7	3.5	9.3	9.1	NE	12.6	11.9	////	51.1	183.2		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm 15	WET ≥1.0mm 9	SNOW/ SLEET 0	HAIL 1	THNDR 1	LGHTNG 1	AIR FROST 0	GROUND FROST 3	FOG 11	FOG 9a.m. 1	GALE 0	NO SUN 2	TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947													RAINFALL	278.9 mm	SUNSHINE	561.3 hrs
WETTEST DAY DAY/YEAR	27.9mm 3rd/2000	DRIEST MONTH YEAR	2.9mm 1980	LOWEST MIN DAY/YEAR	-1.4°C 11th/1986	WARMEST MNTH YEAR	11.7°C 2007	SUNNIEST MNTH YEAR	280.4hrs 1984	RAIN DAYS	60	SUNLESS DAYS	18	WET DAYS	44	
WETTEST MNTH YEAR	130.4mm 1966	HIGHEST MAX DAY/YEAR	24.3°C 16th/2003	LOWEST GRASS DAY/YEAR	-7.0°C 5th/1990	COLDEST MNTH YEAR	6.4°C 1986	DULLEST MNTH YEAR	122.2hrs 1981							

**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MAY 2009**

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
FRI	1	1026.2	13.0	7.8	10.4	5.1	<u>11.9</u>	<u>11.1</u>	270	12	11.3	23	0.9	10.3	Mist or fog early bec fair, tempo fine. Cloudy by evng. Drzl & fog later		
SAT	2	1031.5	13.4	9.3	11.4	10.3	12.9	11.2	330	05	5.6	17	1.1	8.2	Drzl & fog, tempo thick fog bec fair, haze. Slr rain late		
SUN	3	1029.7	12.4	8.1	10.3	9.1	13.4	11.5	330	12	9.0	19	NIL	10.4	Drzl & rain, mist. Tempo fog bec fair		
B.HOL	4	1031.5	12.5	6.9	<u>9.7</u>	3.7	12.9	11.6	310	05	11.2	30	0.1	5.3	Fair bec cloudy late am		
TUE	5	1028.1	12.7	9.5	11.1	8.6	12.8	11.8	280	16	16.8	30	TR	0.2	Cloudy, slt drzl am. Tempo fair later		
WED	6	1024.2	12.3	9.2	10.8	7.7	12.9	11.8	250	15	13.0	26	TR	0.1	Fair early bec cloudy. Tempo slt drzl. Haze later		
THU	7	1018.2	13.9	8.5	11.2	6.2	12.6	11.8	200	10	10.3	23	0.7	2.7	Cloudy bec fine, dew then mainly cloudy. Slr drzl late		
FRI	8	1014.8	12.9	7.5	10.2	7.3	12.8	12.0	240	15	13.2	31	NIL	9.3	Cloudy, ocnl fair am, slt drzl or rain. Bec fair or fine		
LIB.D	9	1017.9	13.2	6.2	<u>9.7</u>	<u>1.7</u>	12.6	12.0	260	05	4.4	12	NIL	10.3	Fair, tempo cloudy pm. Dew later		
SUN	10	1016.8	14.8	<u>5.6</u>	10.2	3.0	12.7	12.0	060	12	12.8	27	NIL	6.5	Fair, dew bec cloudy. Ocnl fair late am & pm		
MON	11	1016.4	13.5	9.8	11.7	8.3	13.3	12.1	050	<u>25</u>	<u>23.9</u>	<u>42</u>	3.5	8.4	Fair, ocnl fine early. Tempo cloudy. Cloudy late evng, slt shwr		
TUE	12	1016.6	<u>10.8</u>	8.8	9.8	8.6	13.1	12.1	050	23	19.0	40	0.6	NIL	Cloudy, mod rain & mist mid am. Tempo slt drzl or rain		
WED	13	1013.6	16.4	9.9	13.2	9.6	12.7	12.2	200	06	4.6	11	<u>12.9</u>	1.4	Cloudy, slt drzl & ocnl fog early. Showery rain pm. Tempo hvy shwrs		
THU	14	1008.7	16.1	10.7	13.4	<u>11.2</u>	13.4	12.1	---	<u>00</u>	<u>3.9</u>	14	2.1	2.2	Cloudy. Fog patches mid am. Mist or haez. Tempo fog		
FRI	15	<u>1005.4</u>	12.0	8.3	10.2	6.6	13.7	12.3	260	23	16.8	38	6.3	5.3	Cloudy, fog patches, tempo thick fog bec rain then shwrs. Fair pm		
SAT	16	<u>1006.3</u>	13.8	8.9	11.4	8.9	12.9	12.2	200	18	13.1	30	4.5	7.5	Cloudy, drzl early bec fair. Shwrs. Ocnl cloudy		
SUN	17	1005.8	12.8	8.2	10.5	7.8	12.9	12.3	190	17	15.0	35	11.9	4.7	Rain mid am, tempo hvy rain bec fine. Mainly cloudy late am, shwrs		
MON	18	1014.9	14.7	8.6	11.7	7.8	12.7	12.3	210	17	12.6	28	1.1	11.5	Cloudy, hvy shwrs early bec fair or fine. Cloudy late evng, shwrs		
TUE	19	1017.8	15.0	10.0	12.5	9.3	13.2	12.2	180	12	10.5	24	NIL	11.0	Cloudy, tempo slt shwrs bec mainly fair		
WED	20	1021.2	16.2	9.4	12.8	7.3	13.5	12.3	180	06	4.6	12	NIL	10.1	Fair, ocnl cloudy		
THU	21	1017.5	13.9	9.1	11.5	4.6	14.5	12.4	270	11	9.3	20	NIL	12.0	Fair, ocnl cloudy mid am. Bec fine pm		
FRI	22	1020.5	14.6	8.3	11.5	5.4	14.3	12.6	230	08	6.0	14	NIL	14.7	Fine		
SAT	23	1017.3	18.1	7.3	12.7	4.7	14.8	12.7	080	10	7.1	19	NIL	6.0	Fine bec fair then cloudy. Bec fair again pm. Ocnl cloudy evng		
SUN	24	1019.8	19.4	10.6	15.0	9.7	15.2	12.9	020	09	7.3	15	2.4	11.6	Fair to cloudy, bec ocnl fine		
B.HOL	25	1014.6	19.0	11.2	15.1	10.7	16.0	13.0	130	09	6.8	20	6.4	6.3	T&L, rain early. Ocnl fine bec cloudy pm. Shwry rain evng		
TUE	26	1019.2	13.9	10.0	12.0	10.1	16.3	13.3	300	21	17.5	32	TR	12.5	Rain, ocnl mod rain, tempo mist bec fair. Fine late am		
WED	27	1027.3	12.1	9.5	10.8	7.8	15.6	13.6	220	15	16.7	34	3.5	NIL	Fair bec cloudy. Rain mid am. Ocnl mod/hvy rain late am. Drzl/fog pm		
THU	28	<u>1032.9</u>	15.6	9.8	12.7	10.9	14.5	13.6	290	09	8.0	26	TR	3.7	Drzl & fog bec drzl. Bec fair early pm. Tempo fog later		
FRI	29	1030.0	<u>19.9</u>	8.7	14.3	7.1	15.2	13.6	080	15	12.1	25	NIL	14.8	Ocnl fog early bec fine		
SAT	30	1022.9	18.0	<u>11.7</u>	14.9	9.6	16.3	13.6	070	12	15.5	30	NIL	<u>15.2</u>	Fine		
SUN	31	1023.9	18.9	11.6	<u>15.3</u>	10.2	<u>16.6</u>	<u>13.9</u>	050	15	13.1	27	NIL	14.7	Fine		
MEAN		1019.7	14.7	9.0	11.9	7.7	13.8	12.4	W	12.5	11.3	TOTAL	58.0	236.9			
30 YEAR AVE. 1971-00		1015.7	14.4	8.7	11.6	6.0	12.6	11.4	NE	11.9	11.1	////	49.6	233.8			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm 14	WET ≥1.0mm 11	SNOW/ SLEET 0	HAIL 0	THNDER 1	LGHTNG 1	AIR FROST 0	GROUND FROST 0	FOG 9a.m. 9	FOG 9a.m. 1	GALE 0	NO SUN 2	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947														RAINFALL	336.9 mm	SUNSHINE	798.2 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	74	SUNLESS DAYS	20	WET DAYS	55		
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 2009**

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
MON	1	1024.3	19.7	12.4	16.1	11.2	17.0	<u>14.1</u>	050	12	12.0	21	NIL	14.4	Fine	
TUE	2	1025.6	19.1	12.3	15.7	11.1	17.4	14.2	050	<u>17</u>	12.7	27	NIL	<u>15.3</u>	Fine. Dry air pm	
WED	3	1021.7	21.9	11.6	16.8	7.9	17.5	14.4	060	04	5.8	19	NIL	14.2	Fine, ocnl fair. Dry air. Cloudy late	
THU	4	1019.2	16.8	11.3	14.1	10.6	18.1	14.6	100	12	10.9	21	NIL	7.8	Cloudy bec fair. Ocnl cloudy. Tempo dry air evng	
FRI	5	1010.4	17.6	9.3	13.5	7.1	17.2	14.8	120	07	8.6	17	NIL	13.3	Fair	
SAT	6	999.7	14.6	8.6	11.6	9.6	17.4	14.9	110	09	8.9	19	1.5	0.9	Fair bec cloudy. Showery rain early pm. Fair or fine late	
SUN	7	<u>999.1</u>	13.3	<u>8.0</u>	<u>10.7</u>	<u>5.4</u>	15.7	15.0	170	08	11.2	26	1.3	4.9	Fair or fine bec cloudy. Shwrs. Ocnl fair pm. Shwrs evng	
MON	8	1004.3	13.5	<u>9.7</u>	11.6	<u>7.6</u>	15.5	14.9	120	09	8.8	21	5.6	0.2	Cloudy. Rain mid am. Mod rain midday. Rain pm, tempo mist	
TUE	9	1004.8	16.1	10.5	13.3	9.2	<u>15.1</u>	14.8	020	09	6.5	17	0.4	2.5	Cloudy, tempo mist mid am. Tempo fair early pm & evng. Rain later	
WED	10	1010.6	<u>13.0</u>	10.3	11.7	8.2	15.7	14.6	140	10	9.6	21	<u>7.8</u>	1.3	Rain mid am. Mod rain early pm, tempo hvly rain. Tempo fair evng	
THU	11	1021.2	16.0	10.3	13.2	7.7	<u>15.1</u>	14.5	260	11	9.9	19	1.3	11.8	Fine bec fair pm. Tempo cloudy	
FRI	12	1022.5	17.1	11.3	14.2	11.7	15.9	14.5	140	07	5.3	13	TR	2.7	Fair bec cloudy. Drzl & rain, mist. Ocnl fog. Tempo fair pm	
SAT	13	1020.3	20.3	13.1	16.7	11.3	17.0	14.5	150	05	<u>3.7</u>	10	TR	3.1	Fair, dew bec cloudy, mist. Ocnl fair pm. Slst shwrs	
SUN	14	1020.4	16.6	11.8	14.2	13.3	17.4	14.6	320	08	6.4	16	TR	9.9	Cloudy bec fog, tempo thick fog bec mist. Bec fair. Adj fog pm	
MON	15	1018.0	17.3	11.5	14.4	11.1	17.3	14.9	290	09	9.2	20	NIL	10.2	Cloudy, mist bec fair. Ocnl fine pm. Cloudy late	
TUE	16	1024.3	18.1	12.1	15.1	10.4	17.1	15.1	220	09	5.9	16	NIL	12.5	Cloudy bec fine, dew then fair. Adj fog, tempo cloudy. Bec fine again	
WED	17	1019.3	19.9	11.4	15.7	8.6	17.8	15.2	170	09	10.7	<u>31</u>	0.3	9.9	Fair, dew. Bec cloudy by evng, drzl. Tempo fog	
THU	18	1021.9	16.6	11.1	13.9	8.5	17.6	15.3	280	08	10.5	22	TR	9.1	Fair or fine, dew early. Bec mainly cloudy pm	
FRI	19	1025.2	16.8	11.7	14.3	9.5	17.4	15.4	300	13	12.4	22	NIL	14.5	Cloudy bec fine. Slst shwr mid am	
SAT	20	1027.1	17.1	11.6	14.4	8.8	17.3	15.4	310	14	12.0	21	NIL	12.6	Fair, dew. Ocnl cloudy around midday bec fine	
SUN	21	1026.8	18.4	10.7	14.6	8.9	17.2	15.4	310	05	6.6	16	NIL	11.3	Fine, dew bec fair pm. Cloudy evng	
MON	22	1027.6	20.1	13.9	17.0	15.2	18.3	15.6	070	08	6.7	18	NIL	12.0	Cloudy bec fine	
TUE	23	<u>1027.7</u>	19.0	11.4	15.2	10.8	18.6	15.7	060	08	10.9	26	NIL	11.9	Fine bec cloudy mid am. Fine again late am	
WED	24	1019.8	19.6	12.7	16.2	10.0	18.6	16.0	060	13	<u>13.9</u>	28	NIL	14.7	Fine, tempo slt dew early. Fair evng	
THU	25	1011.8	22.0	13.3	17.7	12.0	18.4	16.1	060	11	8.9	17	NIL	9.4	Fine, dew bec cloudy, mist then haze. Bec fine late am. Lghtng late	
FRI	26	1013.3	20.4	12.0	16.2	11.7	18.9	16.2	250	10	6.6	19	NIL	9.8	Fine, lghtng early. Ocnl thick fog, then mist bec fair. Dew later	
SAT	27	1017.5	20.3	12.4	16.3	11.0	19.2	16.2	140	05	4.5	11	TR	7.7	Fine, dew. Tempo shallow fog. Bec cloudy. Adj fog pm	
SUN	28	1014.6	24.8	14.2	19.5	13.1	19.2	16.4	080	09	10.9	24	TR	4.7	Cloudy. Tempo slt rain am. Ocnl fair. Slst shwr late	
MON	29	1017.5	20.6	14.0	17.3	13.1	19.3	16.5	220	06	7.2	18	TR	9.9	Cloudy, tempo fog early bec fair	
TUE	30	1020.1	<u>25.4</u>	<u>15.0</u>	<u>20.2</u>	<u>15.5</u>	<u>19.9</u>	<u>16.6</u>	130	<u>03</u>	4.3	12	TR	2.2	Mainly cloudy, ocnl slt shwrs	
MEAN		1017.9	18.4	11.7	15.0	10.3	17.5	15.2	SE	8.9	8.7	TOTAL	18.2	264.7		
30 YEAR AVE. 1971-00		1017.8	16.9	11.1	14.0	8.8	15.6	14.0	W	11.2	10.6	////	46.2	238.2		
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	TOTALS FOR YEAR TO DATE		
		7	5	0	0	0	3	0	0	5	1	0	0			
RECORDS FROM JANUARY 1947													RAINFALL	355.1 mm	SUNSHINE	1062.9 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	81	SUNLESS DAYS	20			
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	60					

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JULY 2009

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
WED	1	1021.4	<u>28.2</u>	<u>16.9</u>	<u>22.6</u>	14.1	20.0	16.8	070	05	6.9	22	4.4	11.6	Fair bec cloudy. Fair again. Cloudy evng. Slt T&L, slt rain later	
THU	2	1017.0	21.9	15.8	18.9	<u>15.0</u>	<u>20.7</u>	16.9	320	<u>03</u>	7.0	17	4.6	1.0	Cloudy, slt T&L, slt rain mid am. Hvy shwr. Shwrs pm. Tempo fog evng	
FRI	3	1016.6	20.0	14.5	17.3	13.5	19.6	17.1	230	13	8.4	19	TR	11.9	Cloudy bec fair or fine. Cloudy late	
SAT	4	1013.6	21.8	14.4	18.1	13.1	19.8	17.2	180	06	5.7	14	TR	10.0	Cloudy. Slt shwr mid am. Bec fair. Slt shwr early pm. Cloudy later	
SUN	5	1012.3	20.3	14.7	17.5	13.7	19.9	17.2	190	08	9.8	25	TR	11.5	Cloudy, slt shwr early. Bec fair. Ocnl fine pm. Ocnl cloudy evng	
MON	6	1009.4	18.9	13.7	16.3	12.8	19.4	<u>17.4</u>	230	17	15.8	33	2.1	10.5	Cloudy, slt shwr mid am. Bec fair or fine. Shwrs evng, hvy shwr	
TUE	7	1008.9	18.3	13.6	16.0	12.4	18.6	17.3	260	19	17.3	31	TR	9.2	Fair bec cloudy, slt shwrs. Lghtng. Fine pm	
WED	8	1015.6	18.5	14.2	16.4	12.8	18.7	17.3	300	17	14.5	26	NIL	<u>14.0</u>	Ocnl cloudy early, then fair or fine	
THU	9	1019.5	19.2	12.6	15.9	9.7	18.8	17.2	280	11	10.5	24	NIL	8.7	Fine, dew bec cloudy. Bec fair or fine pm	
FRI	10	1019.9	19.6	<u>10.9</u>	15.3	<u>4.4</u>	18.7	17.2	230	14	8.3	18	1.5	5.2	Fine bec fair. Cloudy by late am. Slt rain evng	
SAT	11	1016.3	17.1	13.5	15.3	13.9	18.3	17.2	200	11	8.8	21	8.0	NIL	Cloudy, ocnl drzl & rain. Tempo fog early. Rain by evng, ocnl mod rain	
SUN	12	1010.5	19.5	14.2	16.9	14.1	18.1	17.1	230	10	12.2	25	NIL	10.1	Drzl & rain. Fog early. Fine late am. Dew later	
MON	13	1010.7	20.7	13.7	17.2	11.7	18.6	17.0	170	09	7.8	18	TR	6.4	Fine, dew bec cloudy. Slt shwr late am, bec fair. Shwrs late evng	
TUE	14	1009.4	19.9	13.6	16.8	12.8	18.8	17.0	180	11	10.5	28	5.7	7.0	Fair ocnl cloudy. Bec mainly cloudy pm. Hvy shwrs evng, lghtng	
WED	15	1014.3	19.8	13.8	16.8	13.2	18.4	17.0	230	18	13.5	30	NIL	11.0	Fair, ocnl cloudy am. Dew late	
THU	16	1019.8	20.9	13.6	17.3	12.1	18.4	17.0	140	07	6.8	26	3.5	3.6	Fair or fine, dew bec cloudy. Shwrs by evng. T&L evng. Hvy shwr	
FRI	17	1010.3	<u>15.9</u>	12.2	<u>14.1</u>	12.3	17.9	17.1	270	<u>25</u>	<u>22.7</u>	<u>41</u>	3.3	4.8	Cloudy bec fair then cloudy. Shwrs or rain bec fair or fine evng	
SAT	18	1016.0	16.4	13.2	14.8	12.2	17.1	17.0	240	15	15.3	31	2.8	0.4	Fine early bec cloudy. Rain & drzl pm. Tempo fog	
SUN	19	1015.7	18.6	13.5	16.1	12.9	<u>16.8</u>	16.9	230	16	15.6	33	1.2	6.9	Cloudy bec fair. Cloudy again by evng, shwrs	
MON	20	1018.3	17.1	12.6	14.9	11.6	<u>16.8</u>	16.7	210	11	8.5	18	1.2	3.0	Fair bec cloudy. Rain pm, bec drzl/rain. Tempo thick fog	
TUE	21	1006.5	17.5	15.0	16.3	14.4	17.4	16.7	150	09	9.1	21	<u>14.4</u>	0.3	Cloudy tempo slt rain. Thick fog early. Rain by midday. Hvy rain evng	
WED	22	1005.1	18.6	14.0	16.3	12.2	17.0	16.6	190	12	9.8	21	3.4	4.6	Fair bec cloudy, ocnl fair. Slt shwrs pm. Rain later	
THU	23	<u>1004.9</u>	19.1	13.6	16.4	13.6	17.5	16.6	230	12	10.2	<u>41</u>	2.1	10.0	Cloudy, slt rain. Hvy shwr mid am. Bec fair	
FRI	24	1012.6	18.8	13.6	16.2	12.9	17.8	<u>16.5</u>	220	16	13.8	26	0.5	11.2	Fine bec fair. Ocnl cloudy am, shwrs. Fair or fine pm	
SAT	25	<u>1024.9</u>	19.3	13.8	16.6	12.2	17.8	16.7	230	10	8.2	18	NIL	12.1	Fair, dew early. Ocnl cloudy later	
SUN	26	1019.7	19.9	12.9	16.4	12.4	18.1	16.7	200	10	7.4	17	11.1	4.5	Cloudy, ocnl fair around midday. Rain late	
MON	27	1014.2	18.1	11.0	14.6	12.4	18.1	16.7	260	11	11.3	23	NIL	10.1	Rain, ocnl mod/hvy rain early. Bec fair. Mainly fine pm	
TUE	28	1019.8	19.4	13.3	16.4	12.2	18.0	16.7	200	12	7.7	18	0.9	9.8	Fair bec cloudy by evng	
WED	29	1014.2	20.4	13.6	17.0	13.8	18.6	16.9	180	09	11.8	30	5.3	4.4	Cloudy, rain early. Ocnl fair. Showery rain afternoon	
THU	30	1023.0	17.7	13.3	15.5	11.9	18.1	16.9	270	19	12.4	26	TR	9.1	Fair, ocnl cloudy. Slt shwr early pm. Bec cloudy evng	
FRI	31	1022.0	19.4	12.9	16.1	11.8	18.1	17.0	140	07	<u>5.0</u>	11	1.4	6.7	Cloudy bec fair. Cloudy again by evng. Tempo slt rain late	
MEAN		1014.9	19.4	13.6	16.5	12.5	18.4	17.0	SW	12.0	10.7	TOTAL	77.4	229.6		
30 YEAR AVE. 1971-00		1018.4	19.2	13.2	16.2	11.0	17.6	16.1	W	10.7	10.3	////	37.6	248.1		
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		
		19	17	0	0	4	6	0	0	7	0	0	1			
RECORDS FROM JANUARY 1947													RAINFALL	432.5 mm	SUNSHINE	1292.5 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	100	SUNLESS DAYS	21			
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	WET DAYS	77					



METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT AUGUST 2009

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
SAT	1	1009.3	16.7	14.0	15.4	14.6	18.8	17.0	170	07	10.2	21	9.4	0.4	Cloudy, slt rain/drzl bec mist. Hvy rain, tempo thick fog midday. Fair evng	
SUN	2	1015.4	17.6	13.0	15.3	10.6	17.6	17.0	280	09	9.2	17	NIL	7.9	Fair am. Mainly cloudy pm	
MON	3	1015.8	19.4	13.6	16.5	12.0	17.7	16.9	170	09	9.6	20	0.3	7.7	Cloudy bec fair or fine. Cloudy pm, tempo slt rain	
TUE	4	1016.1	19.7	16.0	17.9	15.6	18.4	16.8	170	12	10.0	23	TR	0.8	Cloudy. Tempo fair pm	
WED	5	1017.9	20.8	15.6	18.2	16.4	18.5	16.9	260	07	5.5	13	1.8	4.7	Cloudy bec slt drzl. Tempo thick fog mid am. Ocnl fair pm. Slt rain late	
THU	6	1019.6	15.9	12.7	14.3	12.8	18.9	17.0	360	10	7.9	16	5.3	NIL	Cloudy, tempo slt rain am. Rain pm. Tempo hvy rain mid pm	
FRI	7	1022.4	17.6	12.8	15.2	9.4	17.5	17.0	310	12	9.7	20	NIL	13.9	Cloudy bec fine. Dew late	
SAT	8	1023.5	17.3	12.2	14.8	9.1	17.6	16.9	330	10	8.2	17	TR	13.4	Fair, dew early bec fine. Fair again. Fine late evng, dew. Shallow fog late	
SUN	9	1020.1	19.1	12.0	15.6	7.3	17.6	17.0	350	10	7.6	16	0.1	9.3	Fair, shallow fog, tempo fog. Bec cloudy by evng. Fair later	
MON	10	1018.5	17.1	13.2	15.2	10.1	17.6	16.9	230	10	10.8	23	1.2	0.1	Fair, dew. Shallow fog mid am. Bec cloudy. Drzl pm. Fog evng. Mod drzl	
TUE	11	1022.8	20.5	14.3	17.4	14.2	17.2	16.9	300	07	7.2	14	TR	9.0	Cloudy, ocnl slt drzl/rain early. Bec fair or fine late am. Dew late	
WED	12	1024.4	18.2	14.4	16.3	13.3	18.4	16.9	280	13	11.7	19	0.7	0.1	Fine, dew bec cloudy. Drzl/ocnl fog	
THU	13	1020.3	18.3	15.1	16.7	15.3	18.5	17.0	170	11	7.9	17	TR	0.9	Drzl, fog patch early. Mod drzl & fog mid am. Fog late/thick fog	
FRI	14	1019.5	19.7	14.2	17.0	12.4	18.4	17.1	240	08	5.5	14	NIL	8.0	Thick fog bec fog patches. Ocnl fair	
SAT	15	1016.1	19.2	13.9	16.5	10.7	18.8	17.1	220	08	6.7	16	TR	7.1	Cloudy, tempo slt drzl late am. Fair pm. Cloudy late	
SUN	16	1018.2	19.1	15.5	17.3	13.0	18.8	17.2	240	06	6.9	16	NIL	0.5	Cloudy	
MON	17	1018.4	19.8	14.4	17.1	13.9	18.7	17.2	260	04	5.7	17	NIL	7.7	Cloudy. Funnel cloud am. Bec fair pm. Fine evng	
TUE	18	1020.0	21.2	13.7	17.5	10.6	18.6	17.4	180	06	4.9	13	NIL	10.5	Fine, dew bec cloudy, ocnl fair am. Fair pm bec fine	
WED	19	1017.3	23.1	13.7	18.4	8.8	18.9	17.4	280	05	4.5	13	TR	13.3	Fine, ocnl fair am	
THU	20	1013.7	19.5	14.8	17.2	12.6	19.3	17.4	240	11	12.5	33	NIL	7.1	Fair bec cloudy. Tempo slt rain am. Bec fair then fine pm	
FRI	21	1023.0	19.0	13.3	16.2	10.6	18.3	17.4	230	11	9.3	20	NIL	5.5	Fair or fine bec cloudy. Ocnl fair	
SAT	22	1023.7	20.2	12.9	16.6	7.6	17.9	17.4	160	09	6.2	15	NIL	4.6	Fair, dew bec cloudy. Cloudy pm bec fair, fine later	
SUN	23	1017.0	22.1	15.0	18.6	13.2	18.2	17.3	180	11	6.0	15	NIL	11.2	Fair, dew. Ocnl cloudy am. Adj fog early pm. Dew late evng	
MON	24	1007.6	17.2	13.2	15.2	8.9	18.6	17.3	210	07	7.9	18	TR	2.0	Fine, dew bec cloudy. Slt drzl/rain midday. Bec fine evng	
TUE	25	1011.2	19.0	13.5	16.3	10.0	17.6	17.4	220	12	10.1	21	TR	11.3	Fine bec fair. Tempo cloudy am. Cloudy later	
WED	26	1010.2	19.7	14.5	17.1	11.8	18.2	17.3	170	15	13.2	28	2.4	0.6	Cloudy, slt rain mid am. Ocnl slt rain pm bec mod drzl/rain. Mist/fog	
THU	27	1016.3	18.0	14.2	16.1	13.6	17.6	17.2	250	10	10.6	26	0.6	0.7	Cloudy, drzl/rain early. Tempo fair evng. Drzl later	
FRI	28	1017.9	18.1	13.5	15.8	9.8	17.2	17.2	270	23	20.2	38	TR	11.3	Fair bec fine. Tempo slt shwrs am. Fair or fine pm	
SAT	29	1025.2	17.6	12.0	14.8	10.0	17.0	17.0	300	11	10.6	21	TR	12.0	Fair or fine	
SUN	30	1022.1	17.2	11.3	14.3	8.1	17.1	16.9	220	10	9.4	19	0.1	NIL	Fair bec cloudy. Tempo slt rain/drzl	
B.HOL	31	1013.3	23.7	15.4	19.5	14.7	17.3	16.9	160	11	9.5	24	NIL	10.0	Cloudy bec fair or fine mid am. Cloudy evng	
MEAN		1018.0	19.1	13.8	16.4	11.6	18.1	17.1	SW	9.8	8.9	TOTAL	21.9	191.6		
30 YEAR AVE. 1971-00		1017.8	19.5	13.7	16.6	11.0	17.9	17.0	W	10.0	9.7	////	45.8	235.0		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		8	5	0	0	0	0	0	0	8	2	0	2			
RECORDS FROM JANUARY 1947													RAINFALL	454.4 mm	SUNSHINE	1484.1 hrs
WETTEST DAY	55.8mm	DRIEST MONTH	3.8mm	LOWEST MIN	9.2°C	WARMEST MNTH	19.3°C	SUNNIEST MNTH	323.0hrs	RAIN DAYS	108	SUNLESS DAYS	23			
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	2003	YEAR	1955	WET DAYS	82					
WETTEST MNTH	122.0mm	HIGHEST MAX	34.3	LOWEST GRASS	0.8°C	COLDEST MNTH	14.3°C	DULLEST MNTH	139.2hrs							
YEAR	1951	DAY/YEAR	9th/2003	DAY/YEAR	11th/1981	YEAR	1956	YEAR	1992							

**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT SEPTEMBER 2009**

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			AIR		GRASS	SOIL		DIR'N	SPEED(knots)							
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
TUE	1	1010.5	19.1	14.5	16.8	13.0	<u>17.9</u>	<u>16.9</u>	230	15	16.4	34	0.9	10.6	Cloudy bec fair, ocnl fine. Shwrs late	
WED	2	1011.7	17.4	13.4	15.4	12.4	17.3	<u>16.9</u>	220	16	16.4	<u>39</u>	<u>13.4</u>	2.2	Cloudy, tempo fair am. Rain pm, tempo hvy rain evng. Fair late	
THU	3	<u>1007.5</u>	16.7	12.2	14.5	11.7	16.5	16.8	270	<u>24</u>	<u>19.3</u>	37	5.3	5.9	Fair, slt shwr early. Mainly cloudy pm, hvy shwr early pm. Shwrs late	
FRI	4	1012.0	16.3	11.9	14.1	9.7	16.1	16.7	300	21	18.7	34	TR	10.2	Shwrs early bec fair then fine. Slt shwr late	
SAT	5	1025.4	17.0	11.6	14.3	10.3	15.8	16.6	290	10	10.8	22	NIL	8.8	Fine bec fair. Cloudy evng. Fair later, dew	
SUN	6	1025.3	19.2	11.3	15.3	5.8	15.8	16.4	170	10	6.6	19	NIL	9.1	Fair or fine, dew. Tempo cloudy am. Fine pm. Fair late evng	
MON	7	1019.8	19.7	13.1	16.4	7.6	16.4	16.4	240	08	5.5	13	NIL	7.9	Fair, ocnl cloudy pm. Cloudy evng bec fair	
TUE	8	1019.7	<u>23.2</u>	14.4	<u>18.8</u>	10.9	17.4	16.4	200	06	6.6	18	TR	<u>11.7</u>	Fair or fine, dew early. Adj fog late am. Ocnl dry air. Tempo fog late	
WED	9	1027.2	17.0	13.9	15.5	12.1	17.6	16.4	020	16	13.3	26	TR	1.1	Clousy, twmpo fair mid am. Tempo slt rain early pm. Fair late	
THU	10	1033.2	17.2	14.2	15.7	12.4	16.9	16.5	050	16	16.8	31	NIL	5.7	Fair bec cloudy mid am. Bec fair then fine pm	
FRI	11	<u>1034.4</u>	17.6	13.4	15.5	12.5	16.6	16.5	060	17	17.4	32	TR	7.0	Fine bec cloudy. Slt shwr midday. Fair or fine pm	
SAT	12	1028.8	17.9	14.2	16.1	12.5	16.3	16.4	060	16	16.1	30	TR	7.7	Fair, ocnl cloudy am. Temp slt rain. Shwr midday bec fine	
SUN	13	1027.4	18.1	13.2	15.7	8.6	16.3	16.3	040	11	11.5	26	NIL	9.5	Fine, dew. Cloudy evng, fine later	
MON	14	1025.4	17.5	12.6	15.1	9.8	16.4	16.4	040	15	12.8	26	TR	9.6	Fine, tempo cloudy early. Ocnl cloudy evng, slt shwr	
TUE	15	1020.0	<u>16.0</u>	13.6	14.8	11.7	16.6	16.3	020	16	13.5	29	2.2	1.0	Fair bec cloudy. Shwrs/rain pm. Tempo hvy shwr evng	
WED	16	1019.1	17.6	13.9	15.8	11.5	16.0	16.3	040	18	17.2	38	NIL	2.9	Fair bec cloudy. Slt shwr mid am. Ocnl fair pm	
THU	17	1019.3	17.6	14.0	15.8	13.6	16.0	16.2	050	17	18.4	32	NIL	6.6	Cloudy am. Fine pm. Cloudy late evng	
FRI	18	1016.2	19.4	14.7	17.1	13.3	16.3	16.1	060	12	12.5	22	0.7	2.0	Cloudy. Ocnl fair pm	
SAT	19	1015.5	17.4	<u>14.9</u>	16.2	13.6	16.5	16.1	360	08	9.5	19	TR	1.0	Mainly cloudy. Shwrs mid am. Fine late	
SUN	20	1023.4	17.9	12.3	15.1	10.8	16.2	16.1	330	12	8.3	19	NIL	10.9	Fine, slt dew early bec fair. Bec fine pm	
MON	21	1028.0	16.9	10.4	13.7	4.9	15.8	16.1	320	06	6.0	15	NIL	10.3	Fine, dew bec fair. Tempo shallow fog. Bec fine pm. Dew later	
TUE	22	1028.0	17.7	<u>10.3</u>	14.0	6.0	15.5	16.0	270	11	7.9	19	TR	10.3	Fine, dew bec fair. Fine evng, dew later	
WED	23	1028.6	16.4	11.7	14.1	4.2	15.5	16.0	190	<u>02</u>	<u>3.5</u>	10	0.2	NIL	Fine, dew. Tempo shallow fog bec cloudy. Tempo slt drzl	
THU	24	1027.3	17.4	11.7	14.6	13.6	16.0	15.9	360	08	5.6	17	NIL	6.3	Cloudy, drzl mid am. Mist. Fair late am. Fine later, dew	
FRI	25	1029.2	16.1	10.9	<u>13.5</u>	5.2	15.2	15.9	360	07	6.3	15	NIL	10.2	Fine, dew bec fair. Bec fine again pm. Dew later	
SAT	26	1028.6	16.4	11.1	13.8	5.8	14.9	15.8	350	05	5.5	18	NIL	5.1	Fine, dew bec cloudy. Bec fine pm	
SUN	27	1028.2	18.6	10.9	14.8	<u>3.0</u>	<u>14.5</u>	15.7	030	04	5.4	14	NIL	10.6	Fine, dew. Shallow fog early. Fair evng	
MON	28	1028.8	17.2	12.2	14.7	6.3	14.9	15.6	020	06	6.5	16	NIL	3.8	Fair, dew bec cloudy. Ocnl fair	
TUE	29	1025.9	16.6	11.4	14.0	<u>13.7</u>	15.5	<u>15.5</u>	340	05	5.9	14	NIL	1.0	Cloudy. Tempo fair early pm bec fine evng	
WED	30	1021.4	18.1	11.7	14.9	5.8	15.2	<u>15.5</u>	340	04	4.6	13	NIL	4.0	Fine, shallow fog early bec cloudy. Ocnl fair pm. Cloudy evng	
MEAN		1023.2	17.7	12.7	15.2	9.7	16.1	16.2	NE	11.4	10.8	TOTAL	22.7	193.0		
30 YEAR AVE. 1971-00		1017.1	17.6	12.5	15.1	9.6	16.0	16.2	W	11.5	11.1	////	66.8	174.0		
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		
		6	3	0	0	0	0	0	0	2	0	0	1			
RECORDS FROM JANUARY 1947													RAINFALL	477.1 mm	SUNSHINE	1677.1 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	114	SUNLESS DAYS	24			
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	WET DAYS	85					

**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT OCTOBER 2009**

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
THU	1	1020.2	17.2	11.7	14.5	10.9	15.7	<u>15.6</u>	350	09	6.7	15	NIL	6.0	Cloudy bec fair. Cloudy again late am, bec fair pm	
FRI	2	1023.0	15.0	11.5	13.3	7.9	14.9	<u>15.6</u>	360	08	7.5	15	TR	0.7	Fair bec cloudy	
SAT	3	1015.6	15.7	12.3	14.0	12.1	14.7	15.4	250	<u>20</u>	<u>17.3</u>	34	TR	0.1	Cloudy, slt rain early. Fair late evng. Cloudy late, slt rain	
SUN	4	1014.9	17.9	13.0	15.5	11.9	14.7	15.4	250	12	9.4	25	17.2	2.9	Cloudy, slt rain early. Ocnl fair midday. Mod drzl late	
MON	5	1005.5	17.0	12.2	14.6	11.9	15.0	15.3	120	06	7.8	17	7.9	2.1	Mod drzl & mist bec rain. Tempo hvy rain mid am. Fog patches	
TUE	6	1007.8	18.0	15.0	16.5	14.1	15.7	15.4	200	14	11.6	24	7.2	NIL	Rain, tempo thick fog early. Fog patches, drzl am. Rain/drzl late	
WED	7	1010.1	17.8	<u>15.6</u>	<u>16.7</u>	<u>16.1</u>	<u>16.3</u>	15.5	010	<u>02</u>	6.2	24	1.8	0.3	Drzl/fog mid am. Tempo hvy rain bec slt rain, fog patches. Fog late	
THU	8	1015.7	16.3	13.1	14.7	13.2	16.2	15.4	030	11	12.0	24	TR	NIL	Thick fog early bec mist. Tempo slt drzl am. Ocnl fair late evng	
FRI	9	1015.9	17.0	13.0	15.0	11.9	15.4	15.5	140	08	10.6	23	1.9	0.4	Cloudy bec drzl & mist late am. Tempo fog am. Drzl or rain later	
SAT	10	1017.3	16.7	12.5	14.6	11.0	15.2	15.4	280	12	9.6	22	NIL	7.8	Cloudy, slt drzl early bec fair. Fine evng, dew later bec cloudy	
SUN	11	1020.1	16.0	11.3	13.7	8.7	15.0	15.4	270	13	14.6	29	TR	NIL	Cloudy, tempo fair mid am. Slt drzl pm. Fine late	
MON	12	1029.6	14.6	9.7	12.2	8.1	14.3	15.3	030	10	9.6	22	NIL	<u>10.2</u>	Fine	
TUE	13	1032.2	15.5	9.1	12.3	1.0	13.2	15.3	280	03	2.8	14	NIL	6.4	Fine, slt dew bec fair. Ocnl cloudy	
WED	14	1030.4	15.5	9.7	12.6	3.3	12.9	15.1	090	05	5.8	15	NIL	6.0	Fair or fine, dew bec cloudy. Fair or fine late am. Cloudy late evng	
THU	15	<u>1033.7</u>	12.6	<u>8.3</u>	<u>10.5</u>	6.8	13.2	14.8	110	05	4.7	15	NIL	0.3	Cloudy, tempo fair mid & late am	
FRI	16	1033.3	15.3	11.2	13.3	8.9	13.5	14.7	340	06	7.0	20	0.1	1.7	Cloudy, ocnl fair am. Slt drzl/rain midday. Fair evng	
SAT	17	1031.6	12.5	8.5	10.5	4.4	12.9	14.5	030	07	7.0	17	NIL	0.3	Fair bec cloudy	
SUN	18	1026.2	15.4	8.5	12.0	<u>0.1</u>	<u>12.3</u>	14.4	320	<u>02</u>	<u>2.4</u>	10	NIL	3.0	Cloudy bec fair. Cloudy again, ocnl fair pm	
MON	19	1015.4	<u>12.2</u>	9.9	11.1	4.8	12.6	14.4	170	12	13.0	31	2.5	5.8	Cloudy, fair or fine late am. Cloudy by evng	
TUE	20	<u>993.8</u>	14.5	10.5	12.5	9.4	<u>12.3</u>	14.2	150	15	13.8	<u>35</u>	3.1	NIL	Cloudy, rain mid am. Tempo hvy rain late am. Fair late	
WED	21	994.8	15.4	12.1	13.8	10.3	12.6	14.0	170	13	13.3	26	0.2	6.7	Mainly fair. Slt shwrs evng	
THU	22	995.6	14.8	11.4	13.1	11.1	12.9	14.0	170	14	13.1	26	4.5	1.4	Cloudy, slt shwrs mid am. Ocnl fair pm.	
FRI	23	1009.3	15.6	11.4	13.5	9.9	12.9	<u>13.9</u>	240	12	11.3	24	<u>18.5</u>	3.2	Hvy shwrs early bec fair. Rain by evng, tempo hvy rain. Thick fog late	
SAT	24	1007.4	16.1	13.6	14.9	13.3	14.0	<u>13.9</u>	190	15	15.4	30	1.5	2.1	Thick fog & drzl bec rain. Bec fair pm, ocnl cloudy	
SUN	25	1016.7	15.7	12.4	14.1	10.7	13.9	14.0	260	13	14.4	25	NIL	6.6	Fair, ocnl cloudy	
MON	26	1020.4	15.3	11.5	13.4	9.6	13.5	14.0	220	08	8.5	17	TR	0.2	Fair bec cloudy. Slt rain midday	
TUE	27	1018.8	15.5	12.6	14.1	11.5	13.8	14.0	150	16	10.9	23	NIL	6.4	Cloudy bec fair. Cloudy late	
WED	28	1019.1	<u>18.2</u>	13.4	15.8	11.7	13.8	14.0	200	04	5.4	11	TR	1.6	Cloudy, fog patches late am. Tempo slt drzl. Ocnl fair pm. Fog patch evng	
THU	29	1020.6	16.0	13.0	14.5	11.3	14.0	14.0	130	08	9.7	18	NIL	6.1	Fair, dew early. Ocnl cloudy	
FRI	30	1020.6	15.3	12.7	14.0	11.6	13.8	14.1	140	12	9.5	18	2.3	1.8	Fair, dew bec cloudy. Haze. Slt rain evng	
SAT	31	1022.5	15.6	10.2	12.9	13.2	14.2	14.0	260	11	8.0	21	2.3	0.1	Hvy rain & mist early. Drzl/fog patches. Cloudy pm	
MEAN		1017.4	15.7	11.6	13.7	9.7	14.0	14.7	W	9.9	9.6	TOTAL	71.0	90.2		
30 YEAR AVE. 1971-00		1015.6	14.7	10.5	12.6	7.7	13.3	14.3	W	12.6	12.5	////	89.1	118.3		
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		
		13	12	0	0	0	0	0	0	9	2	0	4			
RECORDS FROM JANUARY 1947													RAINFALL	548.1 mm	SUNSHINE	1767.3 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	127	SUNLESS DAYS	28			
WETTEST MNTH YEAR	233.9mm 1960	HIGHEST MAX DAY/YEAR	23.3°C 4th,5th/1959	LOWEST GRASS DAY/YEAR	-4.0°C 30th/1983	COLDEST MNTH YEAR	9.6°C 1974	DULLEST MNTH YEAR	72.6hrs 1968	WET DAYS	97					

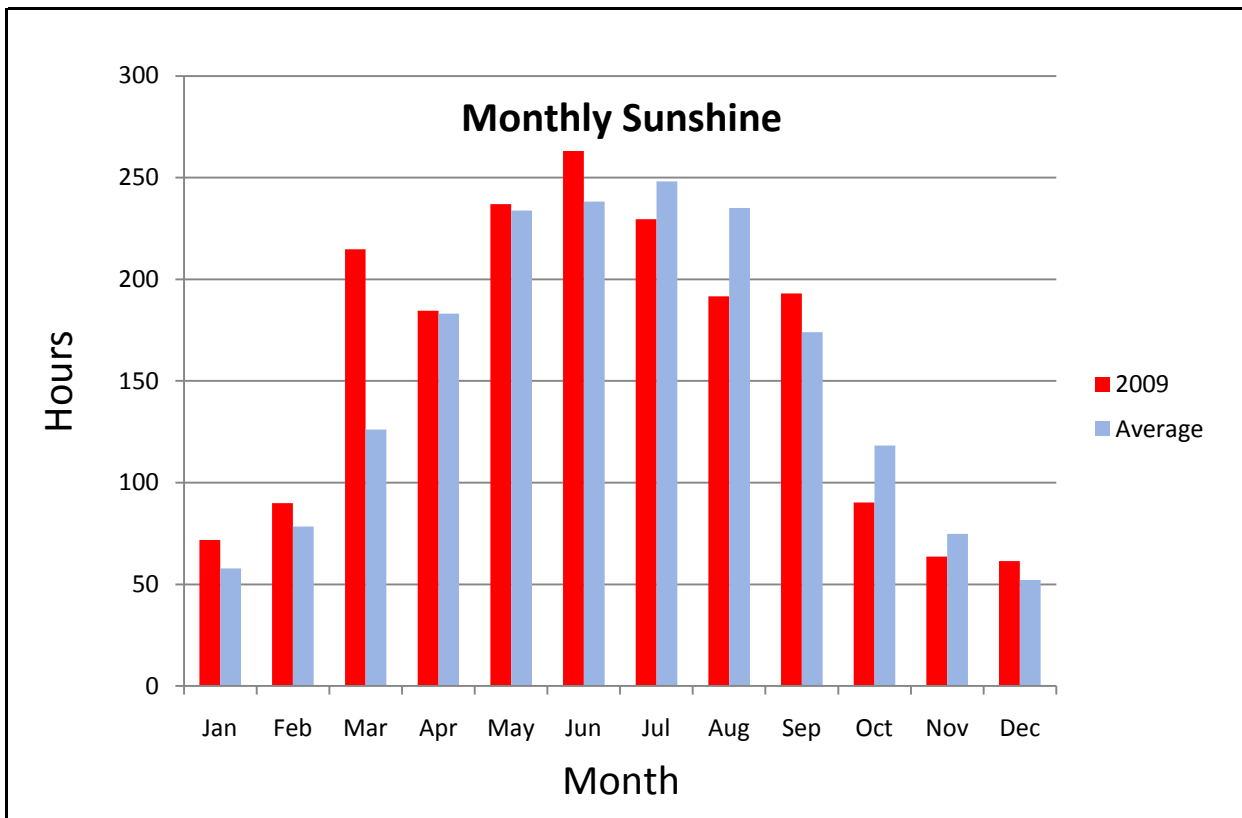
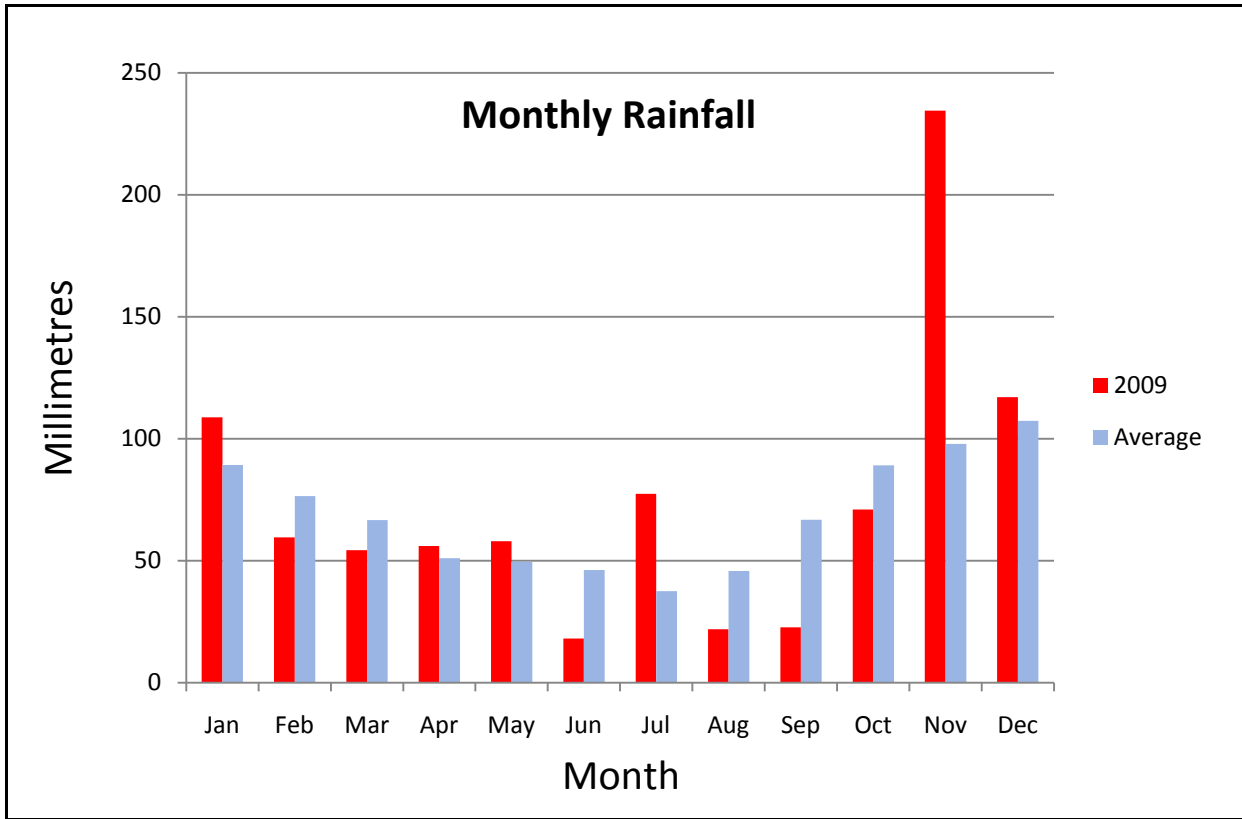
**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT NOVEMBER 2009**

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
SUN	1	1002.6	<u>16.2</u>	10.2	13.2	6.2	<u>14.2</u>	14.0	180	19	19.0	45	7.3	0.2	Cloudy, ocnl rain/drzl & fog am. Shwrs later	
MON	2	1005.9	<u>11.7</u>	8.5	10.1	5.6	13.1	<u>14.2</u>	290	22	17.1	35	9.5	1.9	Cloudy, ocnl fair am, shwrs. Gradu rain pm. Mod drzl & rain evng	
TUE	3	995.9	13.7	8.9	11.3	8.2	12.9	14.0	260	25	22.6	44	14.0	NIL	Drzl & rain, ocnl mist. Very hvy rain early pm. Hvy shwrs evng	
WED	4	992.3	12.5	7.6	10.1	6.1	12.2	13.9	280	19	22.5	43	4.1	4.1	Fair, ocnl cloudy, shwrs. Tempo hvy shwrs. Small hail. Lghtng late	
THU	5	997.9	12.5	9.6	11.1	7.8	11.8	13.8	310	21	19.2	35	0.2	4.8	Mainly fair, shwrs early, lghtng. Sl't shwrs early pm. Fine later	
FRI	6	1006.7	12.3	9.8	11.1	7.8	11.4	13.5	260	12	16.0	40	7.0	0.1	Fine bec cloudy. Shwrs mis am. Rain pm bec drzl & rain, mist. Fair late	
SAT	7	999.7	11.3	6.7	9.0	4.6	11.2	13.4	290	14	18.0	44	6.0	3.7	Fair to cloudy, shwrs. Hvy shwrs early. Small hail. Hvy shwrs late	
SUN	8	1000.6	10.5	8.6	9.6	7.1	10.9	13.2	350	20	17.9	34	17.4	0.4	Hvy shwrs early & late. Small hail early	
MON	9	<u>1019.9</u>	12.0	6.8	9.4	2.0	10.5	13.0	040	<u>05</u>	<u>4.4</u>	14	3.7	<u>7.7</u>	Hvy shwry rain early bec fair or fine. Shallow fog mid am. Cloud late	
TUE	10	1012.1	10.9	7.6	9.3	<u>-0.6</u>	10.6	12.7	160	14	11.1	25	4.6	NIL	Cloudy. Ocnl mod rain mid am bec drzl or rain. Mist	
WED	11	1006.7	13.2	8.9	11.1	8.8	10.8	12.6	160	09	12.5	30	2.2	0.3	Cloudy. Ocnl rain or drzl pm. Tempo mod rain & drzl. Fair late	
THU	12	1003.9	14.3	11.8	13.1	9.4	11.2	12.6	200	15	16.8	37	19.7	0.7	Fair becoming cloudy, ocnl slight pm	
FRI	13	1000.0	15.6	<u>12.3</u>	<u>14.0</u>	<u>11.4</u>	11.8	12.6	210	19	19.6	43	16.6	0.2	Rain mid to late am, ocnl hvy rain. Hvy rain late	
SAT	14	993.3	14.3	9.9	12.1	9.7	12.1	12.5	200	<u>34</u>	25.5	<u>56</u>	12.8	3.9	Hvy rain early. T&L. Ocnl fair. Tempo gales. Hvy shwr early pm	
SUN	15	1007.3	13.1	8.7	10.9	7.5	11.5	12.6	220	18	13.5	29	1.0	2.1	Hvy shwrs early. Ocnl fair. Bec cloudy pm. Drzl & rain late	
MON	16	1002.3	13.9	9.8	11.9	9.9	11.8	12.6	250	23	18.8	43	3.4	1.7	Drzl & rain early. Shwrs mid am. Tempo fair. Hvy shwrs evng	
TUE	17	1010.7	13.2	9.9	11.6	8.7	11.5	12.6	250	11	15.6	35	NIL	5.8	Cloudy, sl't shwr early bec fair	
WED	18	1016.1	14.4	11.4	12.9	9.9	11.3	12.6	220	22	20.1	38	NIL	1.8	Fine bec cloudy, Ocnl fair	
THU	19	1015.5	14.4	11.3	12.9	10.1	11.8	12.5	190	18	17.8	33	6.4	7.0	Cloudy bec fair	
FRI	20	1012.4	13.7	11.9	12.8	11.2	11.9	12.6	200	18	13.6	34	4.2	NIL	Fair bec cloudy. Hvy drzl/rain mid am. Rain, tempo hvy rain. Cloudy	
SAT	21	1014.0	14.3	11.3	12.8	10.2	12.0	12.6	150	16	16.3	36	7.0	0.9	Cloudy, tempo rain am. Rain pm, tempo mod rain. Hvy shwr late	
SUN	22	1003.8	12.8	8.2	10.5	8.1	11.9	12.5	200	26	26.0	52	5.8	4.0	Fair, ocnl cloudy, squally shwrs. Hvy shwr evng. Gale late	
MON	23	1007.3	13.3	8.6	10.9	7.0	11.2	12.6	240	30	<u>28.3</u>	49	14.0	NIL	Cloudy, ocnl drzl/rain. Tempo hvy rain. Gales. Ocnl mist	
TUE	24	1014.5	13.8	11.7	12.7	<u>11.4</u>	11.9	12.5	240	22	23.2	44	7.6	0.1	Cloudy, tempo drzl or rain am. Sl't rain early pm	
WED	25	1003.9	13.8	7.5	10.7	7.6	11.7	12.5	240	21	22.0	48	11.4	4.4	Rain bec fair, ocnl cloudy. Shwrs, tempo hvy shwrs, small hail. Lghtng	
THU	26	1006.7	11.5	7.0	9.3	5.6	10.8	12.4	250	18	20.3	44	11.7	2.3	Cloudy, tempo fair. Shwrs, tempo hvy shwrs. T&L. Small hail	
FRI	27	1005.2	10.4	6.5	8.5	4.5	10.1	12.4	260	25	21.5	39	7.4	4.3	Fair to cloudy, Shwrs, tempo hvy shwrs. Small hail	
SAT	28	999.0	12.0	7.2	9.6	5.5	9.8	12.2	250	19	19.9	41	7.7	NIL	Mainly cloudy, hvy rain early. Rain pm	
SUN	29	<u>985.2</u>	11.6	<u>5.7</u>	8.7	5.0	9.8	11.9	220	26	22.8	51	<u>21.0</u>	0.3	Cloudy, freq shwrs. Ocnl hvy shwrs. Smal hail. T&L late evng	
MON	30	996.8	<u>8.6</u>	6.0	<u>7.3</u>	3.8	<u>9.1</u>	<u>11.7</u>	350	22	18.5	39	0.8	0.9	Mainly cloudy, Shwrs am. Tempo fair evng	
MEAN		1004.6	12.9	9.0	10.9	7.3	11.4	12.8	W	19.4	18.7	TOTAL	234.5	63.6		
30 YEAR AVE. 1971-00		1016.2	11.4	7.7	9.5	5.0	10.1	11.7	SW	13.4	13.5	////	97.9	74.9		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm 28	WET ≥1.0mm 26	SNOW/ SLEET 0	HAIL 8	THNDR 3	LGHTNG 7	AIR FROST 0	GROUND FROST 1	FOG 1	FOG 9a.m. 0	GALE 3	NO SUN 5	TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947													RAINFALL	782.6 mm	SUNSHINE	1830.9 hrs
WETTEST DAY DAY/YEAR	39.4mm 15th/1975	DRIEST MONTH YEAR	16.1mm 1978	LOWEST MIN 18th/1952,19th/1985,22nd,28th/1993	0.0°C	WARMEST MNTH YEAR	12.0°C 1994	SUNNIEST MNTH YEAR	123.6hrs 2006	RAIN DAYS	155	SUNLESS DAYS	33	WET DAYS	123	
WETTEST MNTH YEAR	192.5mm 1965	HIGHEST MAX DAY/YEAR	16.8°C	LOWEST GRASS 1st/'99,8th/'05	-5.6°C	COLDEST MNTH YEAR	7.7°C 1993	DULLEST MNTH YEAR	35.9hrs 1994							

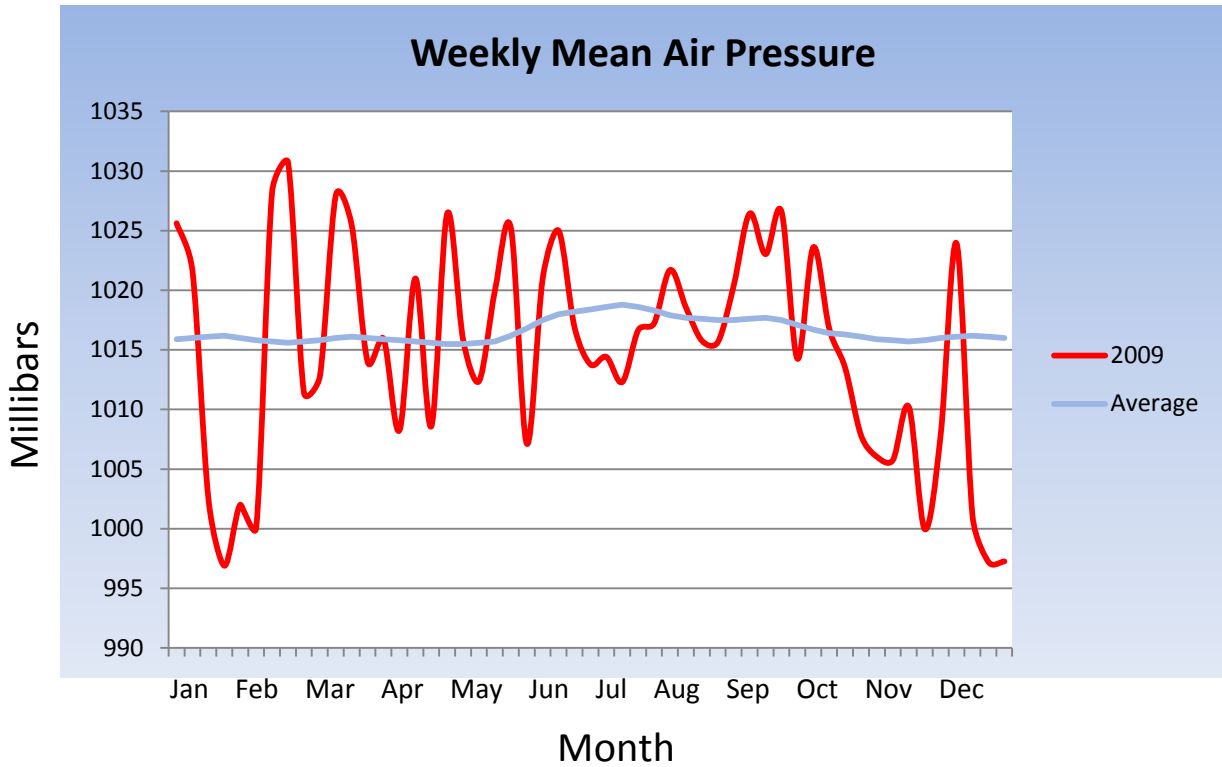
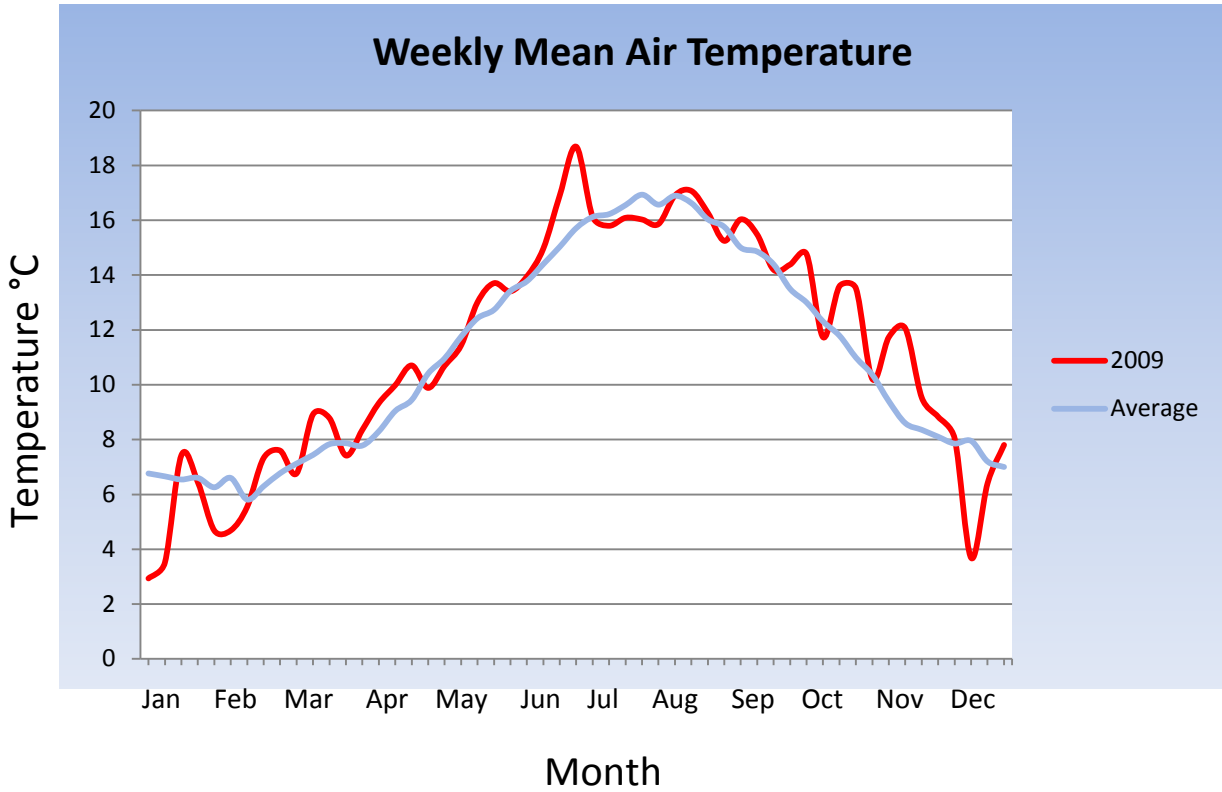
METEOROLOGICAL OBSERVATIONS GUERNSEY DECEMBER 2009

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	1014.6	8.1	3.7	5.9	-1.6	8.6	11.6	140	02	10.0	32	5.7	0.1	Fair bec cloudy. Shwrs late am. Rain/drzl by evng. Tempo mod rain		
WED	2	1000.1	11.3	7.7	9.5	5.9	9.0	11.3	200	18	16.3	32	8.5	0.4	Cloudy, rain early. Shwrs. Hvy showers pm		
THU	3	1003.1	10.3	5.4	7.9	7.2	9.4	11.2	300	22	20.3	44	0.9	3.6	Cloudy, tempo fair, shwrs. Small hail early pm. Ocnl fair		
FRI	4	1011.7	10.9	6.1	8.5	3.3	8.7	11.1	270	05	11.8	32	10.8	NIL	Fair bec cloudy. Ocnl rain/drzl late am. Rain late evng, hvy rain		
SAT	5	1003.4	12.5	8.1	10.3	7.1	9.4	10.9	250	18	17.0	33	8.3	0.3	Cloudy, rain bec fair. Shwrs. Ocnl rain pm		
SUN	6	997.3	12.8	9.1	11.0	8.4	10.1	10.9	260	22	19.5	43	NIL	4.9	Cloudy, rain bec fair		
MON	7	1002.0	11.0	6.5	8.8	7.9	9.8	10.9	200	20	20.5	39	8.1	NIL	Cloudy. Rain late am. Hvy shwr/small hail early pm. Showers. Fair later		
TUE	8	1013.6	12.2	7.7	10.0	5.1	9.2	10.9	220	12	13.7	35	7.8	NIL	Fair, slt shwrs. Bec cloudy. Rain, ocnl/drzl pm. Drzl/mist/hill fog later		
WED	9	1019.0	12.7	10.9	11.8	11.1	10.1	10.9	220	08	9.8	24	0.4	NIL	Cloudy, drzl early. Ocnl slight rain early pm		
THU	10	1030.0	11.6	6.4	9.0	4.3	10.1	11.0	310	07	6.5	22	NIL	4.1	Cloudy bec fair. Ocnl cloudy pm. Dew evng		
FRI	11	1031.3	8.9	5.1	7.0	6.1	9.4	11.1	100	09	11.7	24	TR	2.8	Fair to cloudy		
SAT	12	1029.6	9.1	6.9	8.0	4.8	9.2	10.8	070	10	14.8	34	6.0	2.6	Fair bec mainly cloudy. Slt shwrs am. Shwrs pm		
SUN	13	1025.9	7.4	4.2	5.8	4.0	8.8	10.8	040	19	14.6	33	14.9	1.4	Mainly cloudy, shwrs. Tempo hvy shwrs/small hail pm		
MON	14	1021.9	6.4	2.7	4.5	1.2	8.2	10.7	080	10	8.2	28	4.0	1.1	Cloudy am, shwrs. Tempo small hail/sleet. Ocnl fair pm		
TUE	15	1018.5	4.9	2.9	3.9	-1.6	7.7	10.5	160	05	5.5	13	TR	NIL	Cloudy, ocnl slt rain am. Light snow late evng		
WED	16	1015.4	5.4	1.9	3.7	0.9	7.3	10.3	160	07	7.0	18	5.5	0.1	Cloudy. Slt snow early. Sleet shwrs mid am. Slt rain afternoon		
THU	17	1009.5	6.5	2.5	4.5	2.6	7.4	10.2	030	14	14.0	35	0.1	3.5	Cloudy, mod rain early bec fair. Shwrs snow/snowpellets pm		
FRI	18	1011.5	3.1	0.3	1.7	0.1	6.5	9.8	010	20	18.8	43	1.0	0.6	Shwrs sleet/snow/snow pellets. Mod snow shwr evng		
SAT	19	1016.2	4.2	0.7	2.5	-1.9	5.8	9.7	350	09	9.4	23	4.7	4.3	Cloudy, slt snow shwrs early bec fair. Shwrs evng, tempo sleet		
SUN	20	1001.8	7.2	1.3	4.3	1.5	6.1	9.5	320	10	10.6	31	1.5	5.4	Mainly cloudy, shwrs. Small hail mid am. Bec fine. Fair later		
MON	21	991.5	7.2	3.4	5.3	-4.7	5.5	9.3	210	12	9.9	25	1.1	NIL	Fair bec cloudy. Ocnl rain.		
TUE	22	989.1	7.3	2.8	5.1	-2.6	6.1	9.1	250	04	8.0	26	1.0	4.2	Rain early bec fair or fine. Slt shwrs pm. Slt T&L. Small hail evng		
WED	23	990.2	7.1	2.8	5.0	-1.3	6.1	8.9	190	15	14.9	31	TR	2.3	Fair, ocnl cloudy. Slt shwrs early. Lghtng		
THU	24	987.1	7.2	4.0	5.6	4.2	6.3	8.9	160	08	7.9	23	5.0	NIL	Fine bec cloudy. Rain by evng. Shwrs later, small hail		
XMAS	25	1002.0	9.6	4.2	6.9	1.7	6.5	8.9	290	15	15.8	37	0.7	5.7	Shwrs early, small ahil bec fair or fine. Shwr pm		
B.DAY	26	1003.8	9.9	6.7	8.3	5.1	6.7	8.7	220	16	16.5	33	7.2	3.8	Fine bec fair. Cloudy late am. Hvy shwr early pm. Slt T&L evng. Hail		
SUN	27	1002.9	9.1	6.0	7.6	3.9	7.1	8.7	270	21	16.7	38	0.1	5.2	Shwrs am. Lghtng. Hvy shwr, small hail. Bec mainly fair.		
MON	28	1001.8	7.7	5.3	6.5	-1.5	6.7	8.7	120	13	11.3	25	6.9	0.7	Mainly cloudy. Rain late evng.		
TUE	29	989.9	11.3	5.4	8.4	4.8	7.1	8.7	210	11	12.4	27	3.5	NIL	Rain, tempo hvy rain early. Bec rain/drzl. Mist or fog patches.		
WED	30	990.3	11.0	6.6	8.8	7.5	7.9	8.8	230	12	8.6	25	0.1	4.2	Cloudy, ocnl rain bec fair. Mist evng, shallow fog late		
THU	31	996.4	8.3	4.2	6.3	0.4	7.9	8.8	060	16	15.7	32	3.2	0.1	Fair, mist & shallow fog early bec cloudy. Slt rain mid am		
MEAN		1007.1	8.8	4.9	6.8	3.0	7.9	10.1	SW	12.6	12.8	TOTAL	117.0	61.4			
30 YEAR AVE. 1971-00		1016.0	9.6	6.0	7.8	3.9	8.0	9.5	SW	14.3	14.5	////	107.3	52.2			
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			
		23	20	6	13	3	5	0	7	3	1	0	8				
RECORDS FROM JANUARY 1947														RAINFALL	899.6 mm	SUNSHINE	1892.3 hrs
WETTEST DAY	42.2mm	DRIEST MONTH	28.1mm	LOWEST MIN	-3.8°C	WARMEST MNTH	10.1°C	SUNNIEST MNTH	108.9hrs	RAIN DAYS	178	SUNLESS DAYS	41				
DAY/YEAR	30th/1978	YEAR	1953	DAY/YEAR	24th/1963	YEAR	1953	YEAR	2001	WET DAYS	143						
WETTEST MNTH	249.6mm	HIGHEST MAX	15.6°C	LOWEST GRASS	-8.9°C	COLDEST MNTH	4.6°C	DULLEST MNTH	26.6hrs								
YEAR	1999	DAY/YEAR	6th/1953	29th/1964, 27th/1995		YEAR	1950	YEAR	1966								

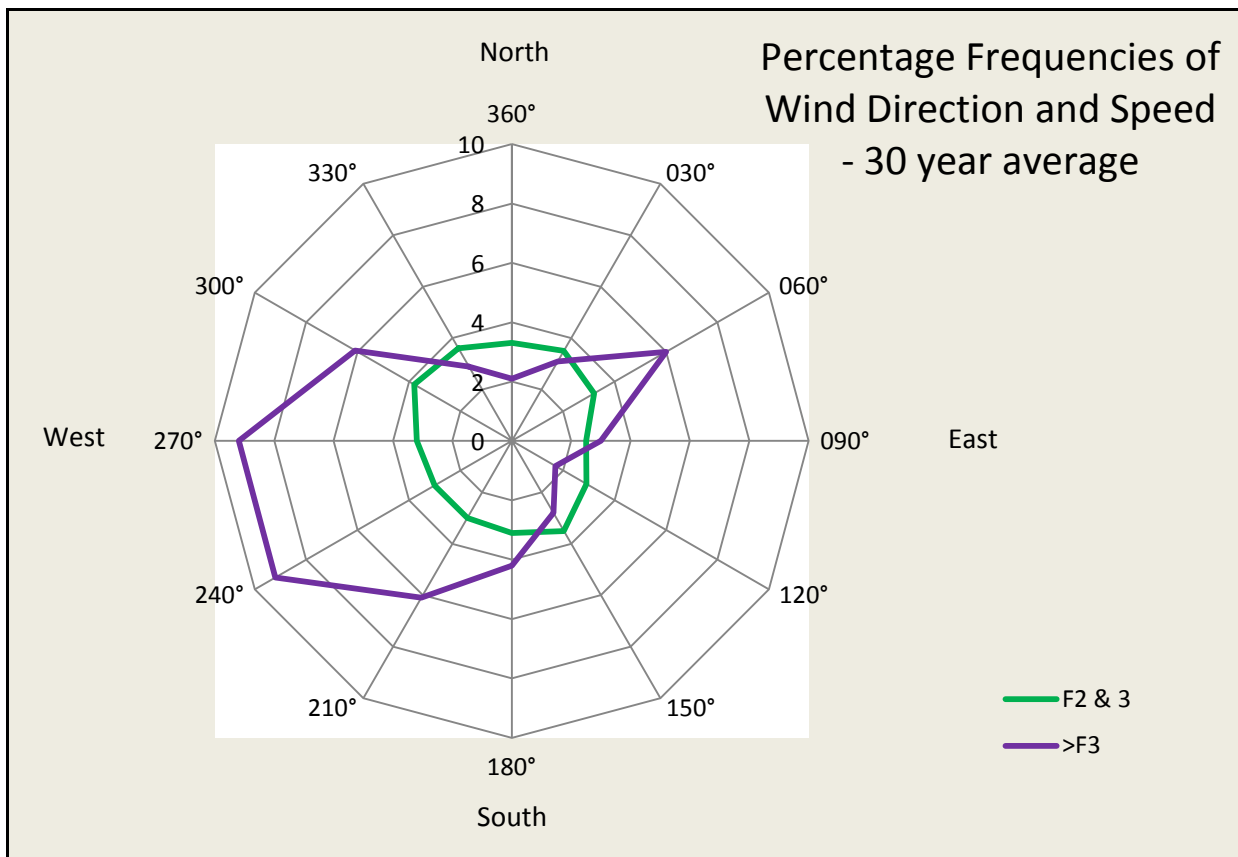
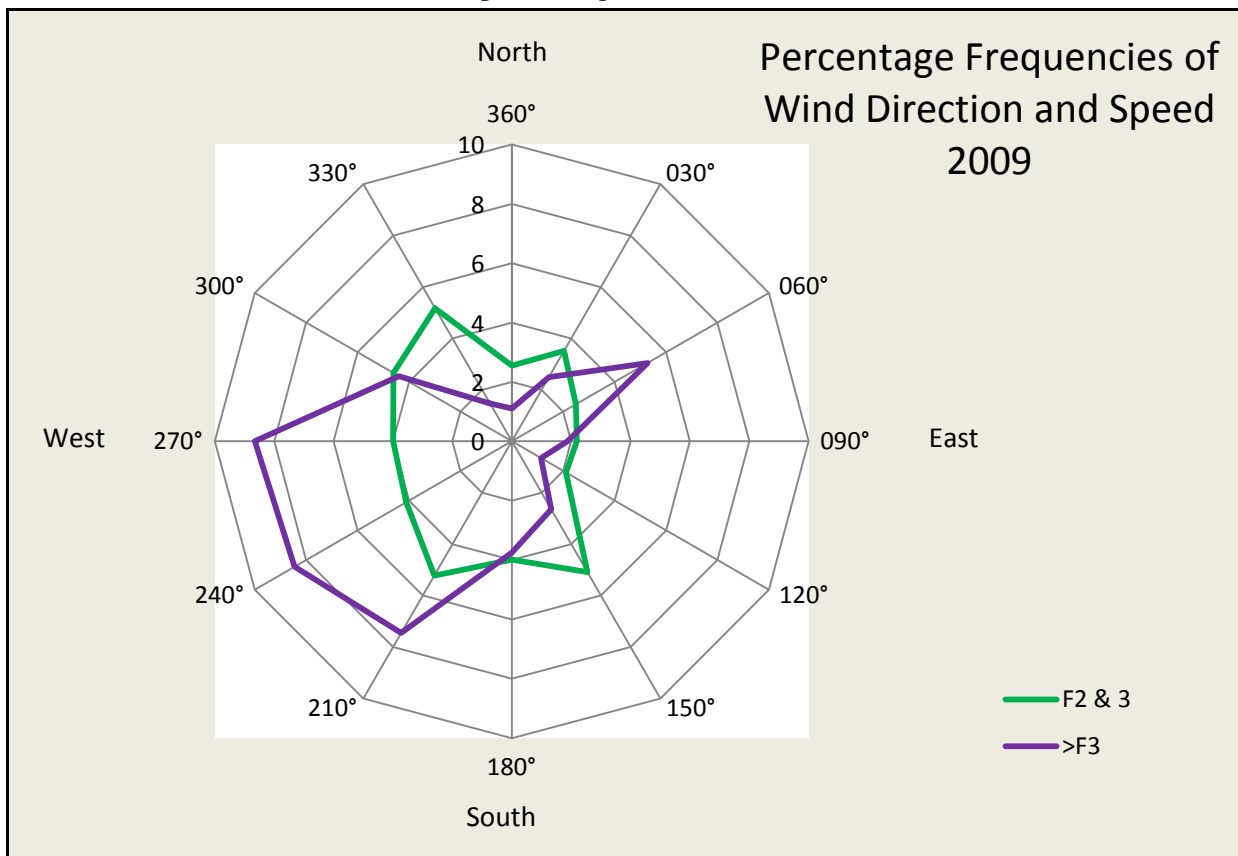
# Guernsey Airport Met Office



# Guernsey Airport Met Office

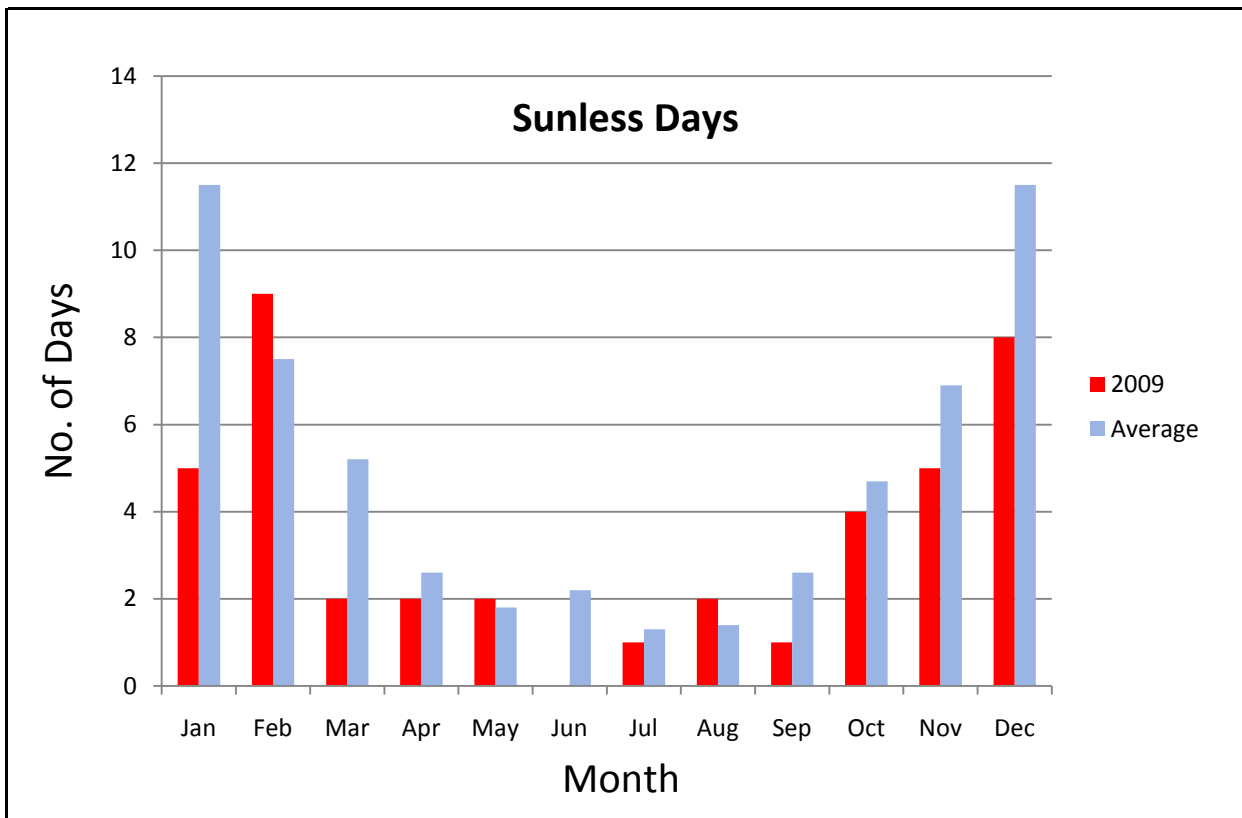
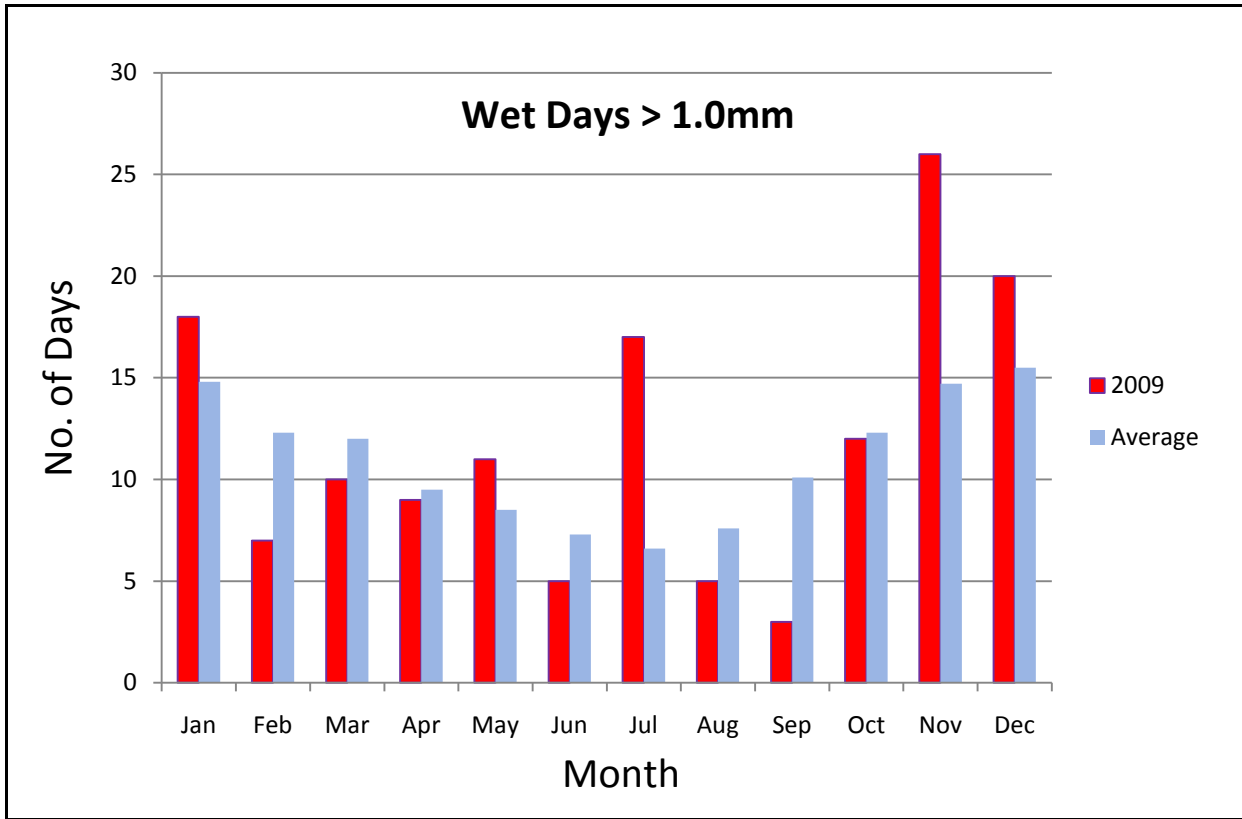


# Guernsey Airport Met Office

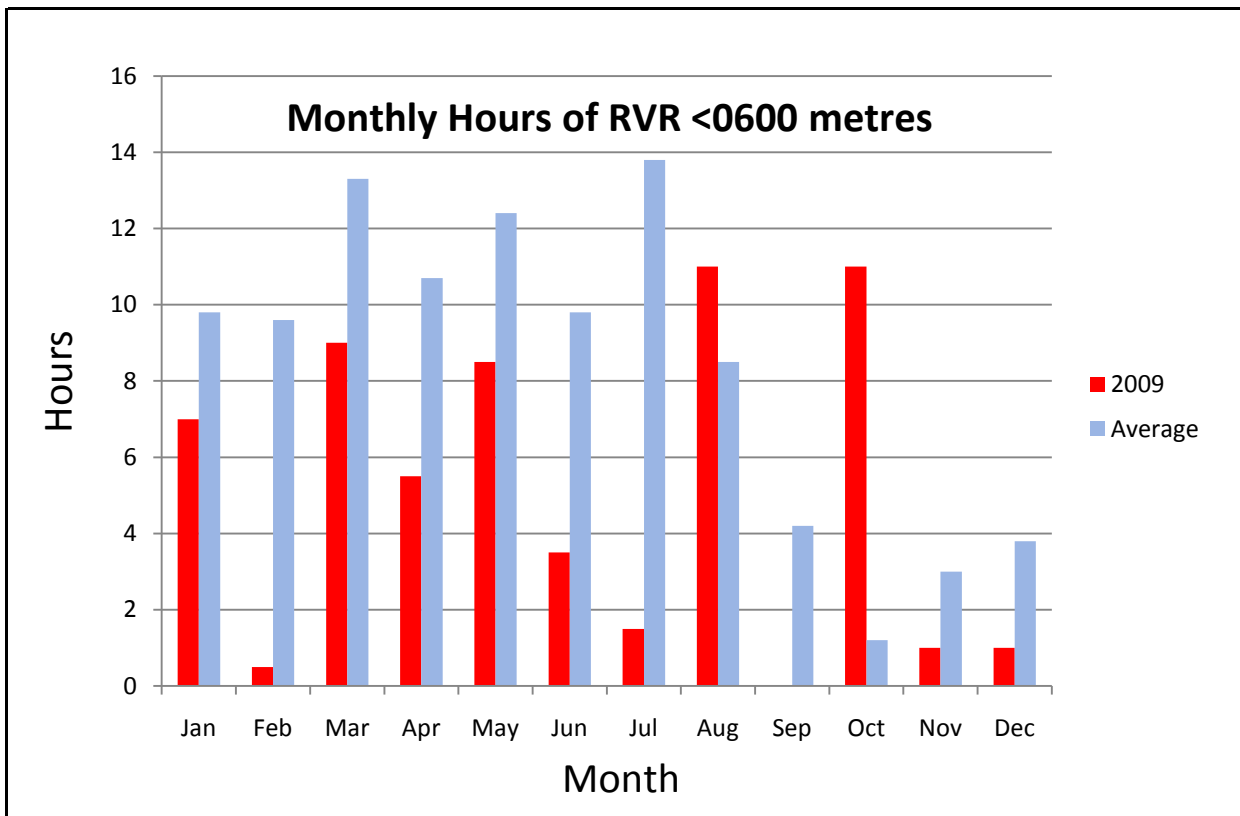
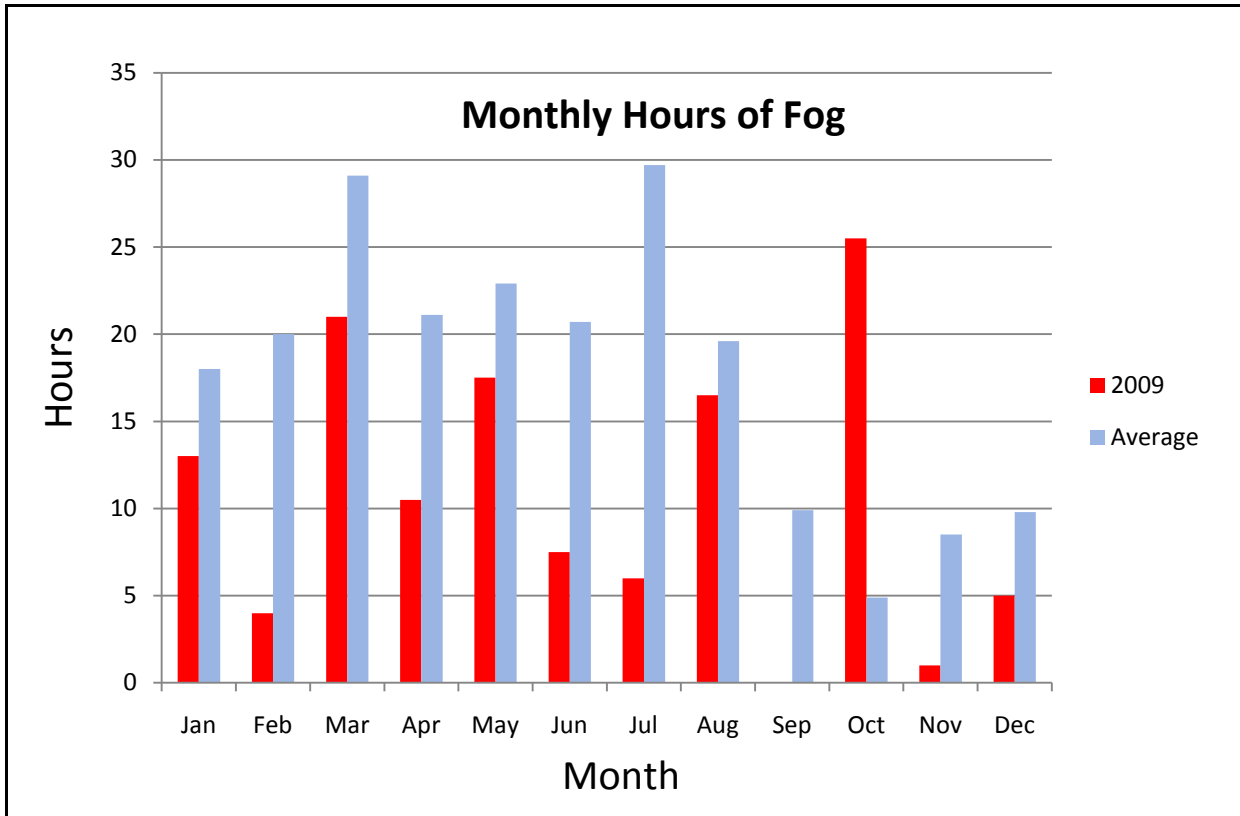




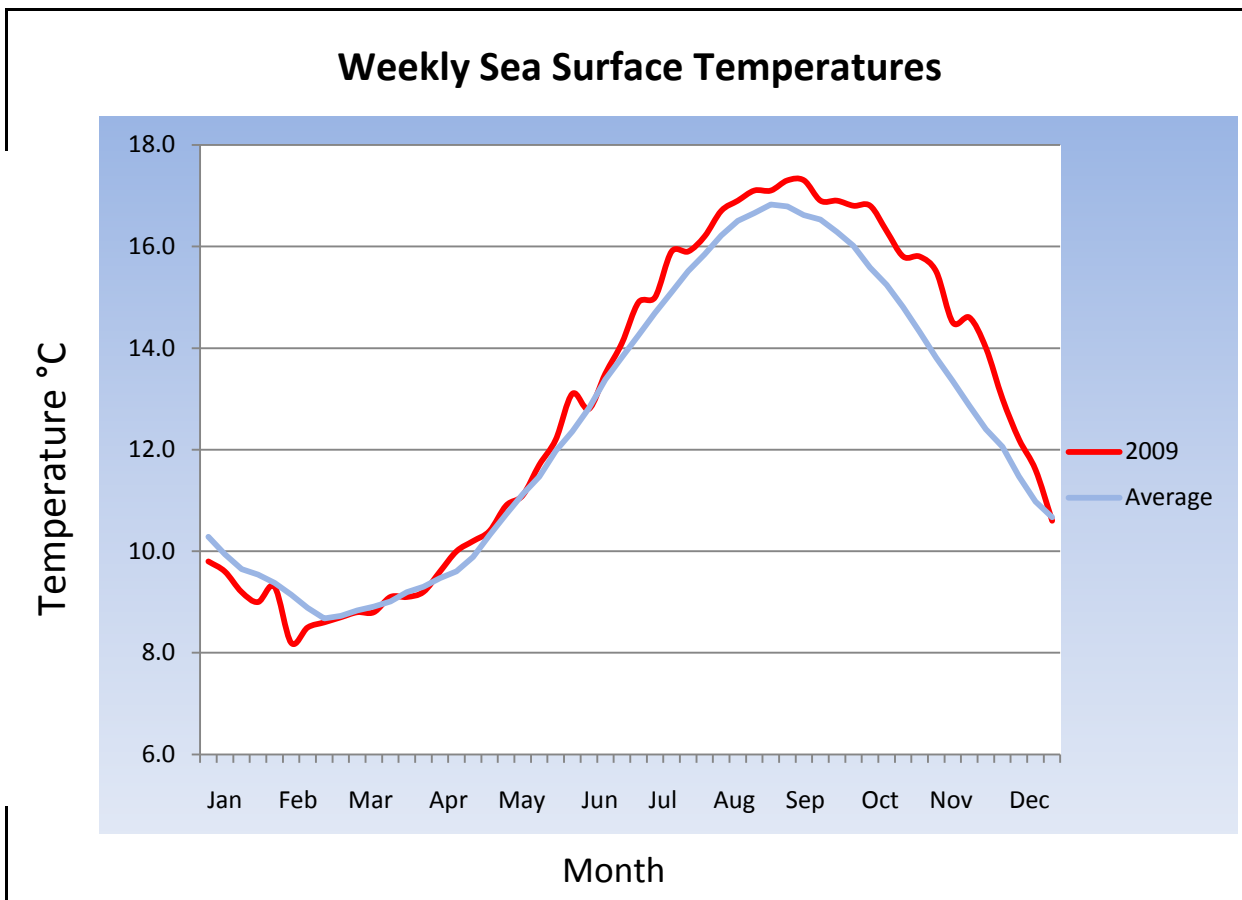
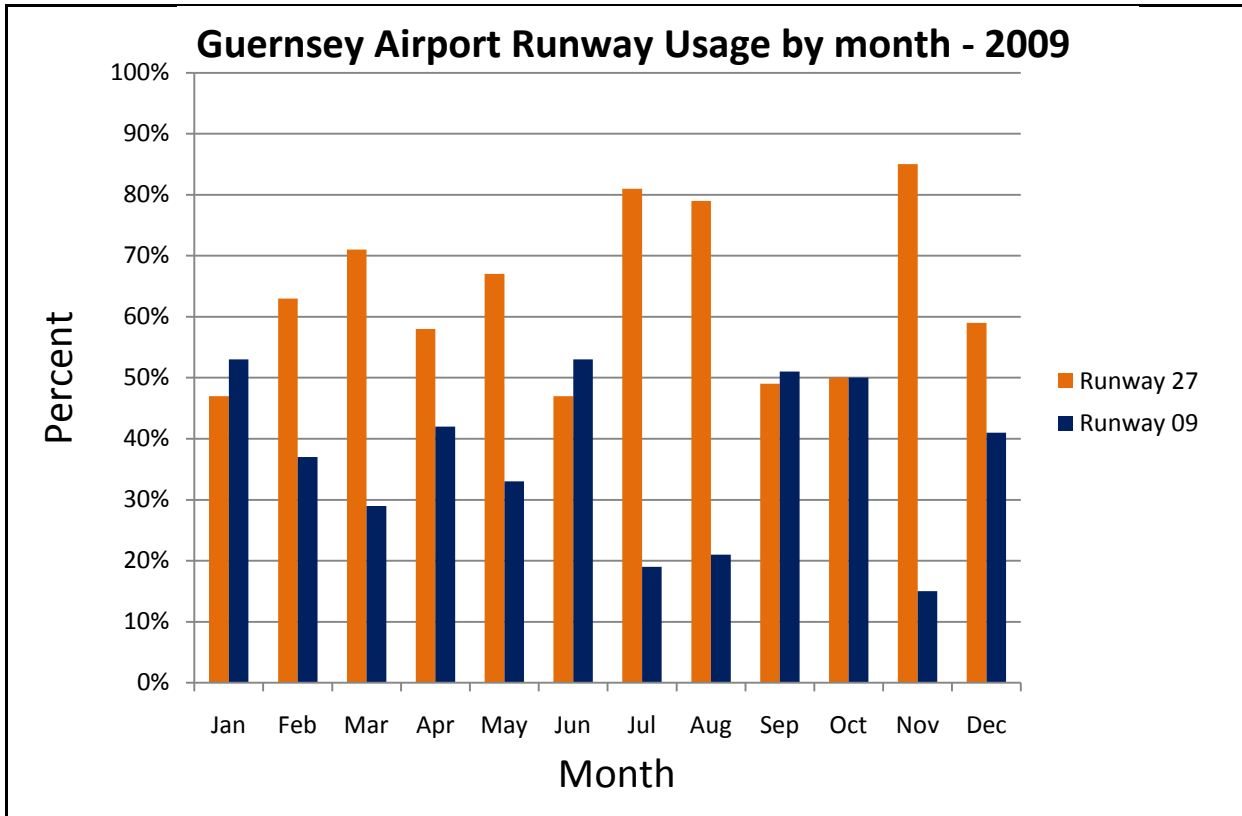
# Guernsey Airport Met Office



# Guernsey Airport Met Office



# Guernsey Airport Met Office



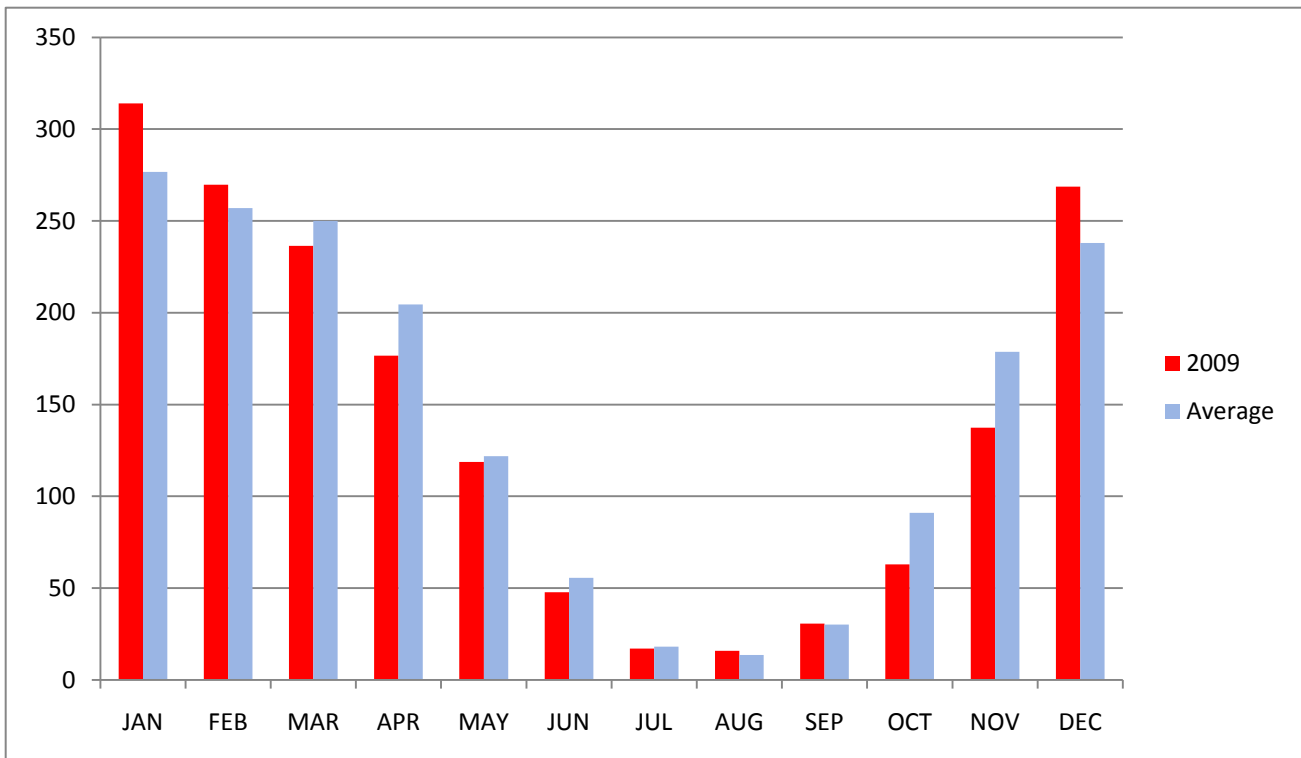
# Guernsey Airport Met. Office

## Degree Days

Monthly accumulated Degree Days below 15.5°C  
 (Average figures use data from 1971 - 2000)

	2009	Average
JAN	314	276.7
FEB	269.7	257.0
MAR	236.4	250.1
APR	176.7	204.6
MAY	118.8	121.8
JUN	47.8	55.6
JUL	17.1	18.2
AUG	15.9	13.6
SEP	30.7	30.2
OCT	62.9	91.0
NOV	137.4	178.8
DEC	268.6	238.0
YEAR	1696	1735.6

## Accumulated Degree Days



# Guernsey Airport Met. Office

## 2010 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 01	May	09:09	9.0	21:24	9.0	03:14	1.2	15:30	1.6
Sun 02	May	09:45	8.5	21:58	8.5	03:50	1.6	16:04	2.1
Sat 08	May	02:33	6.7	15:21	6.7	09:07	3.7	21:35	3.8
Sun 09	May	03:46	7.0	16:20	7.1	10:11	3.3	22:36	3.3
Sat 15	May	08:10	8.8	20:24	9.0	02:10	1.6	14:28	1.6
Sun 16	May	08:49	8.8	21:03	9.0	02:49	1.5	15:07	1.7
Sat 22	May	01:33	7.7	14:25	7.5	08:16	2.8	20:47	3.0
Sun 23	May	02:49	7.7	15:36	7.8	09:30	2.6	21:59	2.7
Sat 29	May	08:13	8.7	20:29	9.0	02:16	1.5	14:34	1.7
Sun 30	May	08:53	8.6	21:06	8.8	02:56	1.6	15:12	1.9
Sat 05	June	00:22	7.1	13:00	6.9	06:58	3.4	19:18	3.8
Sun 06	June	01:21	6.9	14:04	6.8	07:59	3.5	20:24	3.8
Sat 12	June	07:07	8.5	19:25	8.9	01:05	1.9	13:27	1.8
Sun 13	June	07:54	8.8	20:10	9.1	01:53	1.6	14:13	1.6
Sat 19	June	00:08	8.4	12:46	8.0	06:43	2.2	19:05	2.6
Sun 20	June	01:06	8.0	13:49	7.7	07:43	2.6	20:10	2.9
Sat 26	June	07:16	8.3	19:33	8.7	01:16	2.1	13:38	2.2
Sun 27	June	07:59	8.4	20:13	8.8	02:01	1.9	14:19	2.1
Sat 03	July	11:27	7.5	23:40	7.5	05:28	2.8	17:38	3.1
Sun 04	July	12:06	7.3			06:05	3.1	17:19	3.4
Sat 10	July	05:57	8.0	18:19	8.4	12:17	2.4		
Sun 11	July	06:52	8.4	19:11	8.9	00:48	2.0	13:11	1.9
Sat 17	July	11:29	8.7	23:45	8.7	05:30	1.4	17:47	1.9
Sun 18	July	12:16	8.2			06:15	2.0	18:35	2.5
Sat 24	July	06:19	7.7	18:36	8.2	00:18	2.7	12:41	2.7
Sun 25	July	07:03	8.1	19:18	8.5	01:05	2.4	13:25	2.4
Sat 31	July	10:22	8.2	22:32	8.2	04:25	2.2	16:34	2.5
Sun 01	August	10:49	7.9	23:02	7.8	04:51	2.5	17:01	2.8
Sat 07	August	04:37	7.3	17:04	7.8	10:59	3.1	23:36	2.6
Sun 08	August	05:44	7.9	18:05	8.5	12:03	2.4		
Sat 14	August	10:22	9.5	22:37	9.4	04:25	0.7	16:42	1.0
Sun 15	August	11:01	9.0	23:17	8.7	05:04	1.3	17:21	1.7
Sat 21	August	05:18	7.1	17:35	7.6	11:40	3.4		
Sun 22	August	06:05	7.7	18:20	8.2	00:06	2.9	12:26	2.8
Sat 28	August	09:24	8.7	21:36	8.8	03:29	1.7	15:39	1.9
Sun 29	August	09:49	8.5	22:01	8.5	03:53	2.0	16:04	2.2
Sat 04	September	02:48	6.8	15:30	7.2	10:46	3.2	23:23	2.6
Sun 05	September	04:25	7.3	16:50	7.9	11:49	2.3		
Sat 11	September	09:18	10.0	21:34	10.0	03:22	0.4	15:40	0.5
Sun 12	September	09:56	9.6	22:12	9.4	04:00	0.8	16:18	1.0
Sat 18	September	03:55	6.5	16:18	7.0	10:20	4.1	22:53	3.7
Sun 19	September	04:56	7.1	17:11	7.6	11:18	3.5	23:41	3.1
Sat 25	September	08:27	9.0	20:41	9.1	02:31	1.6	14:45	1.7
Sun 26	September	08:54	8.9	21:08	8.9	02:58	1.7	15:12	1.9

## APPENDIX IX

### La Société Guernesiaise Astronomy Section

# Astronomical events in 2010

By David Le Conte

Mars reaches opposition, the Perseid meteor shower makes a favourable appearance, and there should be a good binocular comet this year.

## PLANETS

The dates of maximum elongations of **Mercury** are as follows. It can usually be seen about ten days before and after these dates. The best time to observe it will be the first week of April.

27 January	Morning
08 April	Evening
26 May	Morning
07 August	Evening
19 September	Morning
01 December	Evening

**Venus** will appear as the 'Evening Star' in the western sky in April, and will be visible for the next few months, reaching greatest eastern elongation on 20 August. It will achieve maximum brilliance a month later, on 23 September (magnitude -4.5). However, by then it will have moved rapidly south, and its low declination will place it too near the horizon for observation after sunset. It will not then be seen until early November, when it will dramatically reappear before dawn in the south-east, reinvented as the 'Morning Star' until March next year.

**Mars** will be the planet of most interest to observers at the beginning of the year, as it will reach opposition in the constellation Cancer on 29 January. It will then shine at magnitude -1.3, have an angular diameter of 14 arc-seconds, a distance of 62 million miles (99 million km), and will be visible all night. Although not anything like as close as it can be, its high declination (+22°) makes it well-placed for observation high in the sky, and a good subject for the Observatory's WEA course. The last Martian opposition was in December 2007, and the next will be in March 2012. The next reasonably close one will not be until July 2018. This year it will remain visible, although getting fainter, in the evening sky until June, passing within a degree of Regulus on the nights of 6/7 of that month. For a couple of days around 16 April it will be close (1°) to the Beehive Cluster.

**Jupiter** has enhanced the evening sky for many months, but now we are losing it as it moves behind the Sun. We will have to wait until May to see it again, and then in the morning sky, in the south-east before dawn. It will reach opposition on 21 September, when it will shine all night at magnitude -3. It will then remain as a prominent evening

object for the remainder of the year. Transit, shadow and occultation events involving Jupiter's moons will be found on the Sky and Telescope web site (see <http://www.skyandtelescope.com/observing/objects/planets/3307071.html?page=2&c=y>), or simulated on software such as StarryNight (<http://www.starrynightstore.com/>).

**Saturn** will initially be visible in the morning sky. It will soon rise earlier and earlier, reaching opposition in Leo on 22 March, the rings starting to open again. It will then be visible in the evening until July, remaining in Virgo all the time.

**Uranus** will be at opposition in Pisces on 21 September at magnitude 5.7. **Neptune** will be at opposition in Capricornus on 20 August at magnitude 8.

## DWARF PLANETS

**Pluto** reaches opposition in Sagittarius on 25 June, at magnitude 14. **Ceres** reaches opposition on 18 June, also in Sagittarius, at magnitude 7. The other three dwarf planets (Eris, Makemake and Haumea) are too faint to be seen in most amateur telescopes.

## ASTEROIDS

The brightest asteroid, **Vesta**, at magnitude 6, is at opposition on 20 February in the head of Leo. NASA's Dawn probe is due to arrive at Vesta in August 2011, and Ceres in 2015.

## ECLIPSES

Last year was not a good one for Guernsey eclipses, and this year is not much better. The best we can look forward to is a rather poor total lunar eclipse on the morning of 21 December. The Moon will start entering the penumbra of the Earth's shadow at 05.32. The interesting part starts at 06.32, when the partial phase will start, with the Moon entering the umbra, being totally eclipsed at 07.40. Unfortunately, it will then be just 3° above the western horizon, and the Sun will be about to rise, at 08.04, the Moon setting just afterwards, at 08.11. So the total phase of the eclipse, as seen from Guernsey, will be very short-lived. Totality actually ends at 08.53, but the Moon will by then be well below the horizon, and the Sun well above it.

On 15 January there will be an annular solar eclipse, passing across Africa, southern India, northern Sri Lanka, Burma, and ending in China.

On 26 June a partial lunar eclipse will be visible from the Americas, the Pacific Ocean and Australasia.

On 11 July a total solar eclipse crosses the south Pacific.

## OCCULTATIONS AND CONJUNCTIONS

There are no lunar occultations of note this year.

The following are planetary conjunctions, 3° or closer:

17 February	Venus and Jupiter (0.5°)
08 August	Venus and Saturn (3°)
20 August	Venus and Mars (2°)
14 December	Mercury and Mars (1°)

and conjunctions of the planets with the Moon, 3° or closer:

15 April	Mercury (1°)
16 May	Venus (0.1°)
12 August	Mercury (2°)
11 September	Venus (0.3°)
05 November	Venus (0.2°)
07 December	Mercury (2°)

and:

15-17 April	Mars and Beehive Cluster
06-07 June	Mars and Regulus
08-09 October	Comet Hartley and the Double Cluster

## METEORS

The **Quadrantids** with up to 80 per hour, peak on 03 January, shortly after Full Moon, and so not very favourable. Conditions for the **Perseids**, however, are excellent, as their peak on 12 August, is just two days after New Moon. The **Leonids** peak on 17 November, but will be badly affected by the bright Moon. The **Geminids** peak on the morning of 14 December, with up to 100 per hour, after the first-quarter Moon has set.

## COMETS

Comet predictions for 2010 are available at the excellent website of the British Astronomical Association's Comet Section (<http://www.ast.cam.ac.uk/~jds/preds10.pdf>). The highlights should be: **Wild** (81P) in the spring, **McNaught** (2009R1) in June, and **Hartley** (103P) in the autumn. None of these will be very bright, but should be visible in binoculars or just naked-eye visibility. The best is likely to be periodic Comet Hartley, which may reach magnitude 5 in October, when it comes within 11 million miles of the Earth. On 08/09 October it will pass the Double Cluster. NASA's *Deep Impact* spacecraft (now renamed *Epoxi*) is to fly past it on 04 November. Check the [Heavens-Above](#) website for star charts showing comet positions. It is, of course, always possible that a new comet may make an unexpected bright appearance.

## THE SUN

Solar activity is expected to increase as the Sun heads towards solar maximum in 2013. During 2010 the sunspot number is predicted to change from 20 to almost 90. Updates are available at [www.ips.gov.au/Solar/1/6](http://www.ips.gov.au/Solar/1/6).

## EQUINOXES AND SOLSTICES

The following are the dates and times of the equinoxes and solstices in 2010:



Vernal Equinox	20 March	17.32 UT
Summer Solstice	21 June	12.28 BST
Autumnal Equinox	23 September	04.09 BST
Winter Solstice	21 December	23.38 UT

## SATELLITES

The International Space Station is regularly visible from Guernsey. Also of interest are flashes from the Iridium satellites, and periodic launches of the Space Shuttle. 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 the [Heavens-Above](#) website.

## WEA COURSE

The Astronomy Section is again running its annual six-week “Star Gazing” course at the Observatory in February and March. It runs on Tuesdays from 8.00 to 10.00 pm, starting on 11 February. At the time of writing (early December 2009) there are still a few spaces available. Enrolment is through the Workers Education Association ([www.wea.org.gg](http://www.wea.org.gg)).

## OPEN DAYS

The Observatory will be open again for a number of Tuesday evenings during the year. Details will appear in the Astronomy Section newsletters, and on the website.

## REFERENCES

*SkyMap Pro* and *Starry Night Pro* software  
 RAS diary  
 BAA Comet Section  
*Astronomy* magazine

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 La Société Guernesiaise Astronomy Section

## CALENDAR OF ASTRONOMICAL EVENTS

Month	Date	Time	Event
January		Morning	Saturn visible
January	03		Quadrantid meteor shower (unfavourable)
January	15		Conjunction of Venus and the Moon
January	15		Annular solar eclipse (not from Guernsey)
January	27	Morning	Mercury at greatest elongation
January	29		Mars at opposition
February	11	20.00 UT	WEA course starts
February	17	Evening	Conjunction of Venus and Jupiter
February	20		Vesta at opposition

March	18	20.00 UT	WEA course – final class
March	20	17.32 UT	Vernal Equinox
March	22		Saturn at opposition
March	28	01.00 UT	BST starts
April		Evening	Venus appears as the ‘Evening Star’
April		All night	Comet Wild (81P) visible
April	08	Evening	Mercury at greatest elongation
April	15	Evening	Mercury conjunction with the Moon
April	15-17	Evening	Conjunction of Mars with Beehive Cluster
May		Morning	Jupiter reappears
May	16	Evening	Venus conjunction with the Moon
May	26	Morning	Mercury at greatest elongation
June			Comet McNaught (2009R1) visible
June	06-07	Evening	Conjunction of Mars and Regulus
June	18		Ceres at opposition
June	21	12.28 BST	Summer Solstice
June	25		Pluto at opposition
July			Saturn disappears
July	11		Total solar eclipse (not from Guernsey)
August	07	Evening	Mercury at greatest eastern elongation
August	08	Evening	Conjunction of Venus and Saturn
August	12		Perseid meteor shower (favourable)
August	12	Evening	Conjunction of Mercury with the Moon
August	20	Evening	Conjunction of Venus and Mars
August	20		Neptune at opposition
August	20	Evening	Venus at greatest eastern elongation
September		Evening	Venus disappears
September	11	Evening	Conjunction of Venus and the Moon
September	19	Morning	Mercury at greatest elongation
September	21		Jupiter at opposition
September	23	Evening	Venus at maximum brilliance (mag -4.5)
September	21		Uranus at opposition
September	23	04.09 BST	Autumnal Equinox
October		Evening	Comet Hartley visible
November		Morning	Venus reappears
November	05	Morning	Conjunction of Venus and the Moon
November	07	Evening	Conjunction of Mercury with the Moon
November	17		Leonid meteor shower (unfavourable)
December	01	Evening	Mercury maximum elongation
December	13		Geminid meteor shower (favourable)
December	14	Evening	Conjunction of Mercury and Mars
December	21	06.32-08.11 UT	Total lunar eclipse
December	21	23.38 UT	Winter Solstice

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Appendix X

## Lihou Island - Causeway Opening Times - 2010

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

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

**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 Airport Met. Office

## 2010 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Fri 01 Jan	1.3	13:07	Sun 31 Jan	0.5	13:45
Sat 02 Jan	1.0	13:56	Mon 01 Feb	0.3	14:29
Fri 15 Jan	2.1	13:01	Sun 14 Feb	1.7	13:17
Sat 17 Jan	1.9	13:37	Mon 15 Feb	1.5	13:48
Sun 17 Jan	1.9	14:10	Tue 16 Feb	1.5	14:17
Sat 30 Jan	0.9	12:58	Sun 28 Feb	0.7	12:41

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Mon 01 Mar	0.2	13:26	Thu 01 Apr	0.6	15:20
Tue 02 Mar	0.1	14:08	Wed 14 Apr	1.5	13:45
Mon 15 Mar	1.6	12:48	Thu 15 Apr	1.4	14:18
Tue 16 Mar	1.4	13:20	Fri 16 Apr	1.5	14:50
Wed 17 Mar	1.4	13:49	Wed 28 Apr	0.9	13:34
Tue 30 Mar	0.4	14:01	Thu 29 Apr	1.0	14:16
Wed 31 Mar	0.3	14:42	Fri 30 Apr	1.2	14:55

All times local

## Phases of the Moon - 2010

New Moon	First Quarter	Full Moon	Last Quarter
			7th Jan
15th Jan	23rd Jan	30th Jan	5th Feb
14th Feb	22nd Feb	28th Feb	7th Mar
15th Mar	23rd Mar	30th Mar	6th Apr
14th Apr	21st Apr	28th Apr	6th May
14th May	20th May	27th May	4th Jun
12th Jun	19th Jun	26th Jun	4th Jul
11th Jul	18th Jul	26th Jul	3rd Aug
10th Aug	16th Aug	24th Aug	1st Sep
8th Sep	15th Sep	23rd Sep	1st Oct
7th Oct	14th Oct	23rd Oct	30th Oct
6th Nov	13th Nov	21st Nov	28 <sup>th</sup> Nov
5th Dec	13th Dec	21st Dec	28 <sup>th</sup> Dec

## APPENDIX XII - GUERNSEY AIRPORT SUNRISE/SUNSET TIMES 2010

2010 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

10 DY	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		10 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	F	0806	1622	M	0742	1706	M	0653	1753	T	0548	1842	S	0449	1927	T	0409	2008	T	0408	2020	S	0441	1951	W	0526	1854	F	0610	1750	M	0658	1649	W	0744	1614	1
2	S	0806	1623	T	0741	1708	T	0651	1755	F	0546	1843	S	0447	1929	W	0408	2009	F	0409	2020	M	0443	1950	T	0527	1852	S	0611	1747	T	0700	1647	T	0746	1613	2
3	S	0806	1624	W	0740	1709	W	0649	1756	S	0544	1845	M	0445	1930	T	0408	2010	S	0409	2019	T	0444	1948	F	0529	1850	S	0613	1745	W	0702	1646	F	0747	1613	3
4	M	0806	1625	T	0738	1711	T	0647	1758	S	0542	1846	T	0444	1932	F	0407	2011	S	0410	2019	W	0446	1947	S	0530	1848	M	0614	1743	T	0703	1644	S	0748	1613	4
5	T	0806	1626	F	0737	1713	F	0645	1759	M	0540	1848	W	0442	1933	S	0407	2012	M	0411	2019	T	0447	1945	S	0532	1846	T	0616	1741	F	0705	1643	S	0749	1612	5
6	W	0806	1627	S	0735	1715	S	0643	1801	T	0537	1849	T	0440	1935	S	0406	2013	T	0412	2018	F	0448	1943	M	0533	1843	W	0617	1739	S	0706	1641	M	0751	1612	6
7	T	0805	1628	S	0733	1716	S	0641	1803	W	0535	1851	F	0439	1936	M	0406	2013	W	0413	2018	S	0450	1942	T	0535	1841	T	0619	1737	S	0708	1639	T	0752	1612	7
8	F	0805	1630	M	0732	1718	M	0639	1804	T	0533	1852	S	0437	1938	T	0405	2014	T	0413	2017	S	0451	1940	W	0536	1839	F	0620	1735	M	0710	1638	W	0753	1611	8
9	S	0804	1631	T	0730	1720	T	0637	1806	F	0531	1854	S	0436	1939	W	0405	2015	F	0414	2016	M	0453	1938	T	0538	1837	S	0622	1733	T	0711	1637	T	0754	1611	9
10	S	0804	1632	W	0729	1721	W	0635	1807	S	0529	1855	M	0434	1940	T	0404	2016	S	0415	2016	T	0454	1937	F	0539	1835	S	0623	1731	W	0713	1635	F	0755	1611	10
11	M	0803	1634	T	0727	1723	T	0633	1809	S	0527	1857	T	0433	1942	F	0404	2016	S	0416	2015	W	0456	1935	S	0540	1833	M	0625	1729	T	0715	1634	S	0756	1611	11
12	T	0803	1635	F	0725	1725	F	0631	1811	M	0525	1858	W	0431	1943	S	0404	2017	M	0417	2014	T	0457	1933	S	0542	1831	T	0627	1727	F	0716	1632	S	0757	1611	12
13	W	0802	1636	S	0724	1726	S	0629	1812	T	0523	1900	T	0430	1945	S	0404	2017	T	0418	2014	F	0458	1931	M	0543	1828	W	0628	1724	S	0718	1631	M	0758	1611	13
14	T	0802	1638	S	0722	1728	S	0626	1814	W	0521	1901	F	0428	1946	M	0404	2018	W	0419	2013	S	0500	1929	T	0545	1826	T	0630	1722	S	0719	1630	T	0759	1611	14
15	F	0801	1639	M	0720	1730	M	0624	1815	T	0519	1903	S	0427	1947	T	0403	2018	T	0420	2012	S	0501	1928	W	0546	1824	F	0631	1720	M	0721	1628	W	0800	1611	15
16	S	0800	1641	T	0718	1731	T	0622	1817	F	0517	1904	S	0426	1949	W	0403	2019	F	0421	2011	M	0503	1926	T	0548	1822	S	0633	1718	T	0723	1627	T	0800	1612	16
17	S	0759	1642	W	0716	1733	W	0620	1818	S	0515	1906	M	0424	1950	T	0403	2019	S	0422	2010	T	0504	1924	F	0549	1820	S	0634	1716	W	0724	1626	F	0801	1612	17
18	M	0758	1644	T	0715	1735	T	0618	1820	S	0513	1908	T	0423	1952	F	0403	2020	S	0424	2009	W	0506	1922	S	0551	1818	M	0636	1715	T	0726	1625	S	0802	1612	18
19	T	0758	1645	F	0713	1736	F	0616	1821	M	0511	1909	W	0422	1953	S	0404	2020	M	0425	2008	T	0507	1920	S	0552	1815	T	0637	1713	F	0727	1624	S	0802	1612	19
20	W	0757	1647	S	0711	1738	S	0614	1823	T	0509	1911	T	0421	1954	S	0404	2020	T	0426	2007	F	0509	1918	M	0554	1813	W	0639	1711	S	0729	1623	M	0803	1613	20
21	T	0756	1648	S	0709	1740	S	0612	1825	W	0507	1912	F	0419	1955	M	0404	2020	W	0427	2006	S	0510	1916	T	0555	1811	T	0641	1709	S	0730	1622	T	0804	1613	21
22	F	0755	1650	M	0707	1741	M	0609	1826	T	0505	1914	S	0418	1957	T	0404	2021	T	0428	2005	S	0511	1914	W	0557	1809	F	0642	1707	M	0732	1621	W	0804	1614	22
23	S	0754	1651	T	0705	1743	T	0607	1828	F	0503	1915	S	0417	1958	W	0404	2021	F	0430	2003	M	0513	1912	T	0558	1807	S	0644	1705	T	0733	1620	T	0805	1614	23
24	S	0753	1653	W	0703	1745	W	0605	1829	S	0501	1917	M	0416	1959	T	0405	2021	S	0431	2002	T	0514	1910	F	0559	1805	S	0645	1703	W	0735	1619	F	0805	1615	24
25	M	0751	1655	T	0701	1746	T	0603	1831	S	0500	1918	T	0415	2000	F	0405	2021	S	0432	2001	W	0516	1908	S	0601	1802	M	0647	1701	T	0736	1618	S	0805	1616	25
26	T	0750	1656	F	0659	1748	F	0601	1832	M	0458	1920	W	0414	2002	S	0405	2021	M	0433	2000	T	0517	1906	S	0602	1800	T	0649	1659	F	0738	1617	S	0806	1616	26
27	W	0749	1658	S	0657	1750	S	0559	1834	T	0456	1921	T	0413	2003	S	0406	2021	T	0435	1958	F	0519	1904	M	0604	1758	W	0650	1658	S	0739	1617	M	0806	1617	27
28	T	0748	1659	S	0655	1751	S	0557	1835	W	0454	1923	F	0412	2004	M	0406	2021	W	0436	1957	S	0520	1902	T	0605	1756	T	0652	1656	S	0740	1616	T	0806	1618	28
29	F	0746	1701				M	0554	1837	T	0452	1924	S	0411	2005	T	0407	2021	T	0437	1956	S	0522	1900	W	0607	1754	F	0653	1654	M	0742	1615	W	0806	1619	29
30	S	0745	1703				T	0552	1838	F	0451	1926	S	0411	2006	W	0407	2020	F	0439	1954	M	0523	1858	T	0608	1752	S	0655	1652	T	0743	1615	T	0806	1620	30
31	S	0744	1704				W	0550	1840				M	0410	2007				S	0440	1953	T	0524	1856			S	0657	1651				F	0806	1621	31	