



**GUERNSEY AIRPORT  
METEOROLOGICAL OBSERVATORY**



# **2008 Annual Weather Report**

Including data from

**GUERNSEY   LIHOU ISLAND   ALDERNEY   SARK**

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# **Guernsey Airport Meteorological Office – Annual Report 2008**

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Front cover photo:

4<sup>th</sup> April 2008 – a fine day at Petit Bot. Mild temperatures and a light west-south-westerly breeze make for a pleasant day over most of the island. Despite a slightly milder than usual March, the sea surface is still cold. Mild, humid air passing over the sea encourages the formation of fog banks which are then carried up and over the lcart peninsula by the breeze.

Photo credit: Kevin Hickman.

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10<sup>th</sup> March 2008: Only the corner of L'Eree Hotel is visible as the sea wall is battered by heavy seas. The coast road is barely passable to motorists here with deep surface water in places. Elsewhere, on both east and west coasts, sections of coast road are inundated. Vehicles and some properties are flooded during Guernsey's worst weather of the winter.

Photo credit: Martin Crozier

## Guernsey Airport Meteorological Observatory:

# 2008 Annual Report

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After the breezy and cool summer of 2007, islanders were hoping for some better weather in 2008. A mild January and a very sunny February duly arrived, but as spring and summer arrived a general disillusionment set in. The fine and warm April of 2007 was forgotten as April 2008 started with hail and snow showers and took some time to achieve the pleasant warm temperatures that we had the previous spring. Although the summer produced some short fine spells, the highest temperature that the year could muster was 24.0°C – scarcely better than 2007's dismal absolute maximum of 22.7°C. The long periods of settled summer weather and high temperatures experienced by islanders during the first half of this decade now seem like a distant memory.

The year also saw some rather unwelcome records being set. On March 10th, a deep and fast-moving depression created a storm surge that travelled up the English Channel and coincided with some of the highest spring tides of the year. The combination of low atmospheric pressure, high spring tide, gales and a heavy swell caused substantial flooding along Guernsey's coasts with the height of the tide reaching 10.5m – 0.7m above the predicted height and the highest tide seen at St Peter Port Harbour since 1948.

Another unwelcome record arrived with a 4 day spell in late August when a total of only 6 minutes of sunshine were recorded at Guernsey Airport. Three consecutive days were sunless – the first time that this has happened in August since 1968.

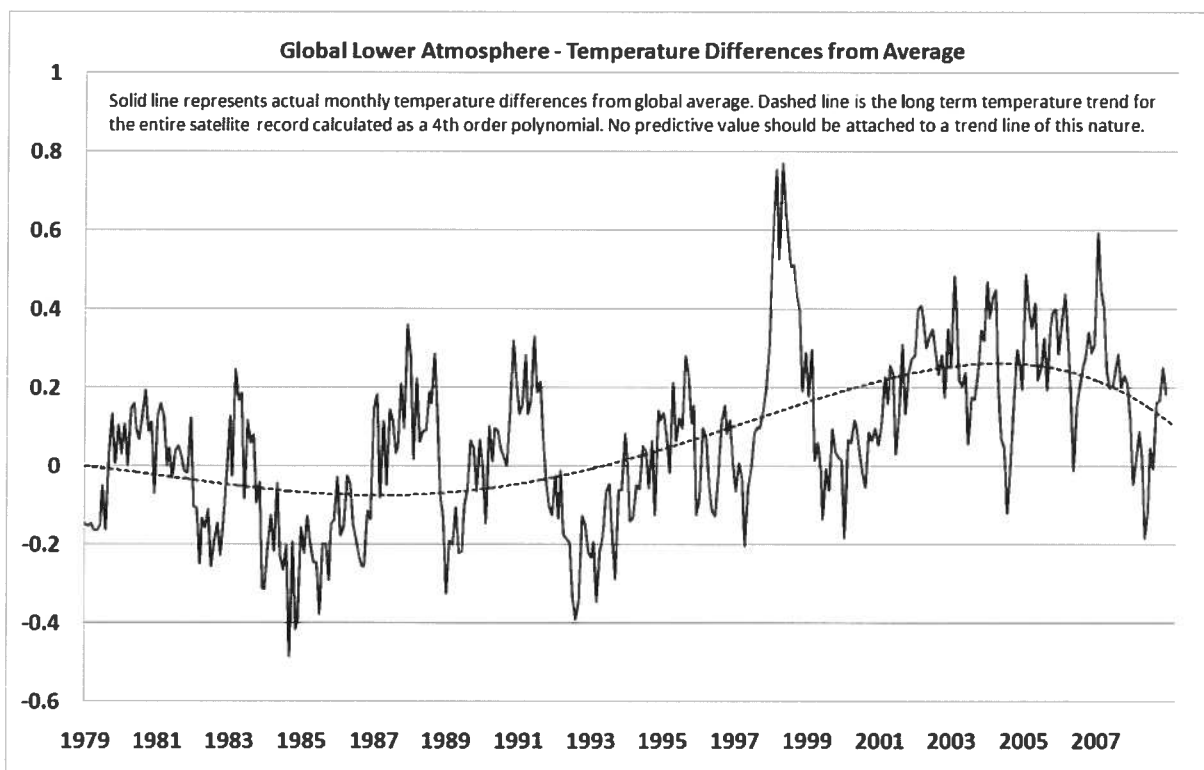
The cool temperatures of the summer then spilled over into the autumn which turned out to be the island's coldest autumn for 15 years. December capped the year's declining temperatures with a chilly average of 6.5°C – the coldest December for 12 years.



*March 10<sup>th</sup> 2008: Cars are swamped along the Vazon coast road as a high spring tide combines with a storm surge and gale force winds to produce widespread and severe coastal flooding.*

## 2008 – Cooling down – both globally and locally

Two graphs are presented below, the first showing the temperature differences from average for the lowest part of the planet's atmosphere. This is calculated using satellite data. Satellite data is used in preference to data from weather stations and ships as the satellites are able to scan almost the entire lower atmosphere whilst large areas of ocean, ice cap and desert have few or no reporting weather stations or ship-based weather observations.



Preliminary calculations for the earth's temperature anomaly in 2008 indicate that 2008 was the coldest year since 2000. As far as the longer term 30 year satellite record is concerned, 2008 was close to the average for the 30 year sequence. The warmest year of the record is still 1998. During the course of 2008, the average rate of warming for the Earth declined from 0.142 degrees per decade to 0.127 degrees per decade. (Please note that this trend is calculated on the basis of the entire 30 year record, so the increase in temperature between 1978 and 1998 outweighs the decrease in the decade from 1998 to 2008.)

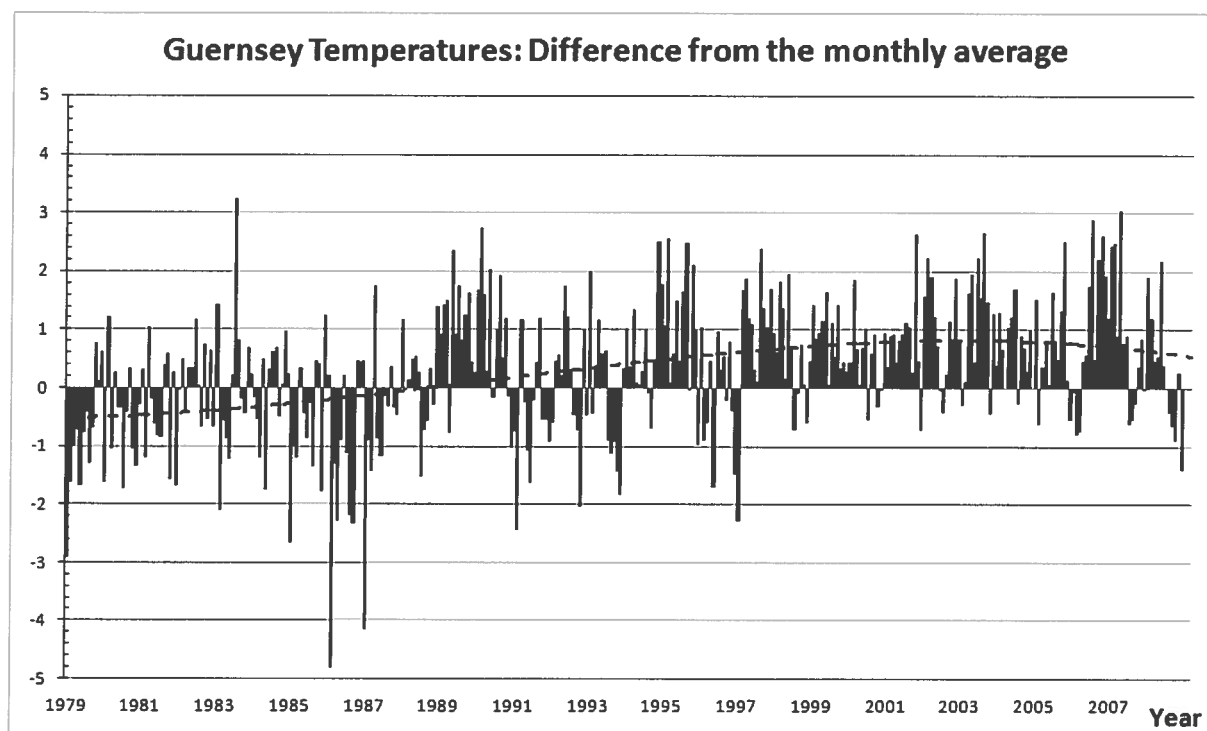
The recent cooling does not yet represent a trend but will, in the fullness of time be recognised as either:

1. A brief interruption of the warming trend which will resume in the next year or two,
2. A point where the warming trend became less pronounced or...
3. The beginning of a cooling trend.

As the next few years go by, we will be able to make a more accurate assessment.

The second graph shows temperature differences from the monthly average at Guernsey Airport. The island experiences larger monthly temperature anomalies than the planet as a

whole but the influence of the planetary warming trend that took place during the 1980's, 1990's and the first few years of this decade is apparent.



## Sea Ice in 2008

2007 was a dramatic year for polar ice watchers as the area of Arctic sea ice contracted to the smallest area yet observed since accurate measurement became possible with the advent of satellite photography in the 1970s. Apart from a couple of weeks in June, the area of arctic ice was greater throughout 2008 than in 2007 though still mostly below the 30 year average extent.

Antarctic sea ice, conversely, had expanded to its largest area yet observed in 2007. In 2008, the extent of sea ice around Antarctica remained generally well above average but did not reach the levels observed in 2007.

## Hurricanes and Tropical Storms in 2008

The North Atlantic had more than the usual number of tropical storms and hurricanes in 2008, but other storm-prone areas in the northern hemisphere (such as the north Pacific) was relatively quiet.

Two major storms dominated the headlines in 2008. The most newsworthy - Hurricane Ike - struck the coast of the USA on September 13<sup>th</sup> having already devastated communities in the Caribbean – particularly Cuba. This hurricane was the third most destructive hurricane to make landfall in the USA. This was not due to the intensity of the storm which reached the US coastline as a category 2 hurricane as opposed to the most destructive category 5 storms.



Ike did, however, manage to hit two cities – Galveston and Houston – with the centre of the hurricane passing over both and causing considerable financial loss.

The number of deaths attributed to Ike (around 160) was, however, dwarfed by the loss of life that had already been inflicted by Cyclone Nargis that made landfall on the Burmese coast on May 2<sup>nd</sup>. Nargis is known to have killed 146,000 people and the figure may be as high as 160,000 if missing persons are added to the total. Nargis, a category 4 cyclone, is estimated to have been the 8<sup>th</sup> deadliest cyclone since records began. Many of the deaths attributable to the cyclone came as a result of the Burmese government's refusal to accept aid from the USA – the US being the only country with sufficient ships and relief supplies in the area.



*High tide combined with high seas forces dozens of oystercatchers to leave the beach and take refuge on the grass at Fort Saumarez. Photo credit – Martin Crozier*

## **Sea Temperature Trends in 2008**

In recent years, a number of climate scientists have continued earlier research into how long term cycles of changing ocean temperatures can affect both global temperatures and the general climate of islands such as Guernsey. Guernsey has a “maritime” type of climate for most of the year as our prevailing winds blow in from the direction of the Atlantic Ocean. The island is therefore affected by changes to the sea surface temperature of the Atlantic. For example, if the sea surface temperature is lower than normal in the summer, then the island may become more prone to sea fogs when the wind is in the west.



The sea surface temperature is always fluctuating, being affected by marine currents, upwellings, amounts of sunshine and the temperature of the air flowing over the sea surface. But behind the day to day and seasonal fluctuations, it now appears that most – if not all – of the world's oceans move between a “warm” and “cold” phase over long periods of time.

For example, in the Northern Hemisphere, an Arctic Oscillation (AO) has been discovered that affects how much sea ice forms around the North Pole. In the North Pacific, the Pacific Decadal Oscillation (PDO) flips between “warm” and “cold” phases roughly every 30 years. In the North Atlantic, the Atlantic Multidecadal Oscillation (AMO) undergoes a similar flip – again moving between phases roughly every 30 to 40 years.

In recent years, the AO, the PDO and the AMO have all been in their warm phases and entered 2008 as such. During the course of 2008, the PDO appears to have flipped into a new “cold” state and – as such – has been introducing some changes into the northern hemisphere climate. The flip seems to have influenced global as well as Pacific temperatures and there is some evidence that it is affecting weather patterns around the whole Northern Hemisphere. The last time that the PDO was in its cool phase – in the 1960s and early 1970s – scientists did not yet have the weather satellites that could have decoded some of its secrets, so the next few years should provide us with a mass of new data on this facet of the climate change puzzle.

Closer to home, readers will no doubt be glad to know that the Atlantic Multidecadal Oscillation will continue to bring water of above average temperature towards our shores for some time yet. The AMO is not expected to flip into its cold phase before 2020 at the earliest. Although the AMO changes North Atlantic sea temperatures by no more than 1 degree Celsius, Guernsey's climate is affected as the island's prevailing wind blows in from the Atlantic.

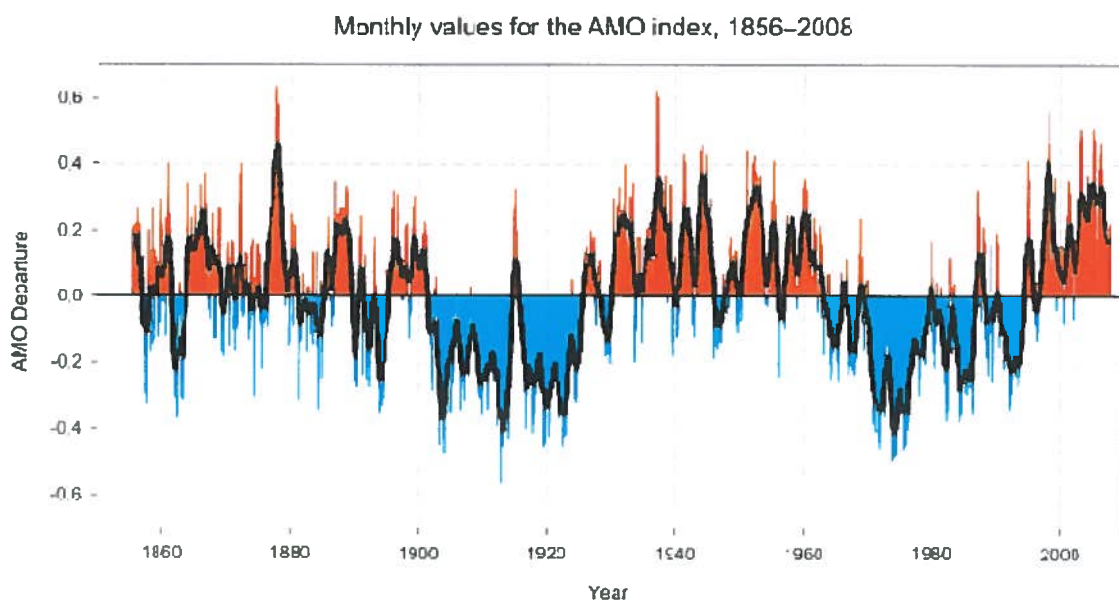




Photo Credit: Dave Cunningham

## Guernsey Met Office in 2008

The year was a busy one for our Met Observers with two members of staff leaving – Mike Hainsworth left in March and Simon Lillington resigned in October. Mike was replaced by Kevin Mechem and Simon's replacement was Chris Archard. Chris worked as an observer for Guernsey Met between 1987 and 2002 so his name will be familiar to some readers and it was good to welcome him back.

The downside of losing two observers in quick succession was that remaining staff members had to work overtime for much of the year in order to keep the Met Office running for 24 hours each day. Hopefully in 2009 we will have a more settled year with a full complement of trained staff.

And hopefully the summer will be warm and sunny this year....

*Martin S Crozier  
Senior Meteorological Officer  
January 2009*

**Data sources:** Local data from Guernsey Met. Office. Global Lower Atmosphere temperature differences courtesy of US National Space & Technology Center – data are at [http://vortex.nsstc.uah.edu/data/msu/t2lt/tltghmam\\_5.2](http://vortex.nsstc.uah.edu/data/msu/t2lt/tltghmam_5.2) . AMO Index reproduced under the standard permissions of Wikimedia Commons – source data are at [http://en.wikipedia.org/wiki/File:Amo\\_timeseries\\_1856-present.svg](http://en.wikipedia.org/wiki/File:Amo_timeseries_1856-present.svg)

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Pleasant spring sunshine and light winds alternate with fog banks for walkers on the cliff path near Icart in April. In these conditions, air temperatures can vary quite noticeably within a few minutes as the fog drifts in and retreats.

Photo credit: Kevin Hickman

## METEOROLOGICAL OFFICE GUERNSEY AIRPORT

### COMMENT ON THE WEATHER OF 2008

This year brought another mild winter in line with most experienced over the last 20 years. Overall the winter came out as the fifth warmest. This year was shaping up to be one of the warmest on record following a very warm May. Temperatures were mostly below average thereafter, though, so that by the end of the year we had our coldest year since 1996, even though the mean temperature was above the long-term average. Most months were wetter than normal, leading to above average rain for the year, making this the wettest year since 2002. Sunshine was also above average for most months, resulting our sunniest year since 2003 and maintaining the trend of higher sunshine totals.

There were less than a third of the number of days of gale experienced this year than in 2007, but it was still windier than normal with the highest mean wind speed since 1998. One aspect of the year's weather showed an improvement on any other and that was the lack of fog. Fog was recorded on two fewer than last year with just 18 days when fog was observed at any stage of the day during the last six months.

January was much milder than normal, although not on a par with the previous year. Rainfall and sunshine were slightly above average while winds were marginally lighter than normal. Conditions were similar early in February, but for the most part it was dry and sunny, with the highest sunshine total on record. Despite a prevailing easterly flow this was milder than average, with the only cold spell around the middle of the month.

March was the stormiest month of the year, with the highest mean wind speed since as far back as 1979. Not only was it windy for much of the month, but we had our windiest March day on record on the 10<sup>th</sup>. Not surprisingly due to the stormy nature of the month, rainfall was well above normal with the highest total for seven years. Temperatures were slightly above average, although there was little indication of spring. We fell short on sunshine by less than three hours despite all the wind and rain.

There was a taste of winter in early April, before spring made its belated appearance. There was an excess of over 50 hours of sunshine and, despite the early chill, the mean temperature was above normal. Winds were slightly lighter than average while rainfall was slightly above average. The overall effect was to produce a reasonable spring month. Temperatures leapt up well in early May and remained higher than normal for most of the month, resulting in the second warmest May on record. Warm months at this time of the year are usually dry and sunny, not so this year. There was almost twice as much rainfall as normal and sunshine was about 30 hours short of what we might expect. This was a very quiet month with lighter winds being recorded on only five occasions. Spring was more than 1°C warmer than normal, with slightly above average sunshine, but it was the wettest since 2000.

June was a very sunny month and drier than normal, but with little sign of continental air being brought in temperatures were only marginally on the high side, with the highest a disappointing 20.9°C. July brought our best summer weather, although this was only during the last 10 days of the month. The result of this was that the mean temperature only managed to reach the average for the whole month, while sunshine was slightly lacking. Rainfall was the lowest since 1999, despite there being rain on each of the first 11 days of the month. The weather during August was frequently dire with the first half being very wet and it was often windy, with a distinct lack of sunshine. While July had 10 days of summer, August could only manage one day, on the 30<sup>th</sup>. The summer, therefore, was poor, but it was not as bad as in 2007. Temperatures this summer were similar, but it was drier and sunnier.

September continued the downward trend of temperature for the second half of this year. This was the coolest September since 1994 and the wettest since 2000. Sunshine was less than in 2007, but it was at least above the average. October saw temperatures even further below average than in September with the lowest mean since 1993, this aided by some of the coldest October weather on record at the end of the month. This was balanced somewhat by above average sunshine, although this was also a wet month.

November was plagued by a lack of sunshine with the lowest sunshine since 1994 and the third lowest on record. It was wet as well and windy at times. Temperatures were, generally, above normal except during the last week. November was only marginally milder than normal, and both September and October were the coldest for more than a decade, making autumn the coldest since 1993. It was the wettest since 2000 and the dullest since 2004. After a wet and at times windy two weeks, December's weather became settled and dry and sunny. The sunshine was the highest since 2001 with more than 100 hours for only the second time. The high frequency of easterly winds helped to make this the coldest since 1996.



## January

On the 1<sup>st</sup> an intensifying anticyclone was centred over northern Finland, with a ridge down to France. This gave us a mainly sunny and mild day. By the following morning the anticyclone had drifted east, allowing low pressure to push in from the south-west. Much colder air had by now spread westwards and this, combined with a strengthening easterly wind, meant the 2<sup>nd</sup> felt very cold; the maximum daytime temperature was 3.2°C. Milder air began to push in from the south-west on the 3<sup>rd</sup>, eventually reaching us on the morning of the 4<sup>th</sup>. With the arrival of mild weather, the rain appeared with half an inch of rain falling on the 4<sup>th</sup>.

For the next 13 days low pressure was the dominating feature of our weather. A series of depressions and their fronts crossed the British Isles from the south-west, resulting in consistently strong winds, considerable cloudiness and spells of rain. From the 2<sup>nd</sup> to the 6<sup>th</sup> we managed a meagre 0.1hr of sunshine, but a more showery regime over the next couple of days gave us 11hrs to boost our sunshine total. A small depression passing close to us on the 10<sup>th</sup> produced the wettest day of the month, with 19.8mm recorded at the Airport. It was even wetter on the west coast with 26.4mm being measured at Rocquaine. It was drier over the next three days, but a new deep low came in late on the 14<sup>th</sup> to give us another soaking. The two day total of rain for the 14<sup>th</sup> & 15<sup>th</sup> was 26.1mm, most of this falling from the early hours of the 15<sup>th</sup>, through to that evening.

Throughout this unsettled period of weather temperatures were two to three degrees Celsius above normal. Despite the generally windy conditions we did not record a gale. After this the weather began to change with the pressure here rising as the old low moved off to Scandinavia. Fronts were still crossing the British Isles, but with the pressure rising there influence on our weather became less. On the 18<sup>th</sup> an anticyclone was centred over Spain with low pressure just off north-west Scotland. Fronts gave copious rainfall for the western side of Britain, with especially large totals over the mountains of north Wales, the Lake District and western Scotland. Our closer proximity to high pressure ensured that, whilst cloudy, we had a fairly small amount of rain or drizzle. The temperature at this stage was consistently high, remaining above 10°C from dawn on the 18<sup>th</sup> until midnight on the 20<sup>th</sup>.

A small depression moved east across the north of England on the 21<sup>st</sup>, keeping our windy weather going, with some rain. Once this depression had cleared through the pressure rose again, this time ushering in quieter conditions. The wind was calm for a while on the morning of the 22<sup>nd</sup>. Temperatures stayed above average and there was only some light rain or drizzle, but the sun was still reluctant to make an appearance. On the afternoon of the 24<sup>th</sup> the sky cleared and with the wind falling light overnight, we had a slight ground frost. The following three days were sunny, although with patches of thick high cloud at times. Another three ground frosts were recorded, although 4°C was the lowest air temperature. The 27<sup>th</sup> proved to be a very pleasant winter's day. There was unbroken sunshine and very little wind, allowing the temperature to climb well from its early minimum. At the Airport the temperature peaked during the early afternoon at 12.5°C, the highest for the whole month.

The wind remained light on the 28<sup>th</sup> and 29<sup>th</sup>, but a sheet of cloud kept the daytime temperature lower, however, it also stopped any more ground frosts. Following some early rain, the sun was out again on the 30<sup>th</sup>, although by now a depression off north-west Scotland was deepening rapidly. By midday on the 31<sup>st</sup> the centre of the depression was down to 954mb with steep pressure gradient across the United Kingdom. This meant a windy day again for us, indeed the windiest of the month, but we still escaped a full gale. Fronts from this low gave us rain during the afternoon and ensured a sunless day to end the month.

## February

Deep low pressure centred off north-east Scotland was the controlling feature of the weather at the start of the month. Fronts passing through early on the 1<sup>st</sup> gave some rain, before brighter conditions arrive during the morning. Sunny periods followed, but with a few showers, some of them falling as hail. There were further showers and sunny periods on the 2<sup>nd</sup> with the temperature falling back slightly. A new frontal system swung north-east over western Britain on the 3<sup>rd</sup>, ensuring a cloudy day here with rain by the evening. A day of sunny periods and showers then followed again with hail around mid-morning. By that evening it became cloudy again with rain later.

Low pressure covered Ireland and Scotland on the 5<sup>th</sup> with a very mild south-west airflow affecting the rest of the British Isles. After periods of rain the sun came out for a while in the afternoon, boosting the temperature to its highest value for the month at the Airport, 12.5°C. As the area of low pressure drifted away to the north-east, a ridge of high pressure moved into western parts of the United Kingdom. This resulted in mainly sunny weather, although with thick high cloud at times. By the 7<sup>th</sup> a large anticyclone had become established



over France, but the tail-end of a weak warm front brought cloud for most of the day. The cloud cleared that evening, with a clear night and sunny day to follow.

The pressure for most of the British Isles was then high for the next two weeks. Initially winds were blowing from the south-east, with daytime temperatures well above normal, but slight ground frosts at night. From the 8<sup>th</sup> to the 19<sup>th</sup> there was hardly a cloud in the sky, apart from on the 15<sup>th</sup>. Daily sunshine totals of nine hours or more were common at this stage of the month, meaning that we had reached the average for the whole month with two weeks to go. The cloud on the 15<sup>th</sup> was brought along by the remnants of a weak cold front moving very slowly south-west from southern Scandinavia. Its passage brought the only notable cold period of the month, with the highest temperature at the Airport on the 15<sup>th</sup> just 6.0°C. The sunny weather was soon back with us and daytime temperatures rose once more, but there were still a few cold nights. Sheltered western areas of the Island experienced a slight air frost early on the 17<sup>th</sup>.

By the 20<sup>th</sup> the area of high pressure had declined and drifted away to the south-east, allowing fronts to encroach from the west. We still had a sunny afternoon that day, but it became cloudy during the evening with mist. There was some drizzle and hill fog on the morning of the 21<sup>st</sup>, before sunny periods developed raising the temperature several degrees above normal again. There was little sunshine over the next couple of days, but also only small amounts of rain or drizzle. It did, though, stay mild by both day and night. A transient ridge of high pressure gave sunny periods on the 25<sup>th</sup>, but this was followed by an active frontal system.

Rain arrived late on the 25<sup>th</sup>, with periods of moderate rain during the early hours of the 26<sup>th</sup>. There was also thick hill fog for a couple of hours, before the sun came out. That afternoon was sunny, allowing the total for the month to reach a new record level. A slow moving depression came in from the Bay of Biscay that night, with rain arriving during the late morning of the 27<sup>th</sup>. The rest of the day was wet and it became misty during the evening, with hill fog later. Hill fog was a problem for much of the 28<sup>th</sup>, causing disruption to air travel and ensuring that we had our second successive sunless day. It became fair for a while at around dawn on the 29<sup>th</sup>, with a small amount of sunshine to boost our monthly total somewhat. Despite cloud sweeping in from the west there were only spits and spots of rain that afternoon.

## **March**

A cold front had swept through by dawn on the 1<sup>st</sup>, to be followed by a reasonably sunny day and it was very mild, but also windy. A warm front arrived overnight, bringing damp and misty conditions with hill fog, while keeping the temperature high. The clearance of the following cold front heralded the arrival of notably colder air. Air of Arctic origin ushering in hail showers on the afternoon of the 3<sup>rd</sup>. Rising pressure settled the weather down for the next couple of days, resulting in mainly sunny conditions, but clear skies on the night of the 4<sup>th</sup> allowed a ground frost to develop.

By the 6<sup>th</sup> the wind was blowing from the west pulling in a large amount of cloud, giving one or two light showers. The pressure was on a steady decline at this stage as Atlantic depressions took control of our weather. This ensured that there was much less sunshine over the following three days and it turned rather wet, although the temperature picked up slightly. The most active depression of the month began its development off southern Greenland on the 8<sup>th</sup>. In just over 24 hours this had deepened by around 50mb as it moved south-east towards Ireland. It then made fairly slow progress across the British Isles on the 10<sup>th</sup>. For us there was a brief gale at about dawn on the 10<sup>th</sup>, however, the true force of the wind did not arrive until the afternoon. There were continuous gale force winds throughout the second half of that day, with the wind gusting to in excess of 70mph at times. Stronger winds had occurred during December, but this time the gales coincided with a high spring tide. This brought flooding to exposed coasts, with both east and west coasts having problems as the wind changed direction through the day. Apart from the flooding there was damage to some sea walls and the wind was strong enough to do some damage inland as well.

The wind remained strong over the following two days with cloudy and damp conditions on the 11<sup>th</sup>, but mainly sunny weather on the 12<sup>th</sup>. There was little sunshine in the next five days with rain or drizzle and fog patches on the afternoon of the 13<sup>th</sup>. The 14<sup>th</sup> and 15<sup>th</sup> saw the warmest weather of the month, with the temperature peaking at 13.5°C on both days. After this much colder air arrived as a northerly airflow spread down over the United Kingdom. This did bring much brighter weather with a reasonable amount of sunshine on the 18<sup>th</sup> and 19<sup>th</sup>, while there were just one or two light showers. A deepening low then moved rapidly south-east passed northern Scotland, pulling the wind around to the west for a while. As this low moved away Arctic air swept south once more, just in time for the Easter weekend. The 22<sup>nd</sup> was a bleak day with a fresh to strong wind and the temperature struggling to make it to 6.5°C. Easter Sunday and Monday were only marginally less cold and on the Sunday there was a period of heavy rain followed by hail showers.

The 25<sup>th</sup> was mainly sunny, but the cloud increased that evening as fronts moved in from the west. The heaviest rain did not arrive until late morning on the 26<sup>th</sup>, with a very heavy burst of rain and hail for a while. The wind had fallen light by the next morning and skies remained largely clear of cloud for most of the 27<sup>th</sup>. A set of fronts swept through during the first half of the 28<sup>th</sup>, bringing a period of rain and drizzle, with heavy rain for a while as the cold front cleared. The afternoon was bright and breezy, but with the wind now in the south-west, the temperature was above average for the first time since the 15<sup>th</sup>. The weather stayed changeable for the rest of the month, with fronts bringing periods of rain, followed in turn by brighter conditions and showers. The last three days were all milder than normal due to the continuation of south-west winds.

## **April**

A frontal system crossed the area during the early part of the 1<sup>st</sup>, bringing some thick fog. The sun came out during the morning, to allow a warmer than normal afternoon. The passage of a warm front overnight reintroduced very moist air, with the result that the 2<sup>nd</sup> was dull with thick hill fog during the afternoon. The fog had cleared by the 3<sup>rd</sup> so that with long sunny periods and light winds it became rather warm, although sea fog plagued some coasts on the 4<sup>th</sup>.

By the 5<sup>th</sup> the anticyclone, which had brought the warmer weather, had declined, while a depression moved into Scandinavia and pressure built over Greenland. The effect of these changes in the pressure pattern was to pull Arctic winds down over the British Isles. This was felt particularly on the 6<sup>th</sup>, with a number of hail showers and it was also cold enough for snow to fall in a couple of the showers. One in the early afternoon affected the west of the Island mostly, while snow, mixed in with hail, was more widespread during the evening. The following three days were dry, but with winds falling light and clear skies overnight, marked ground frosts were recorded widely. An air frost was, no doubt, experienced in some parts causing frost damage to newly growing plants. While the nights were cold, daytime temperatures began to climb thanks to plenty of sunshine.

Low pressure remained the dominant force across the United Kingdom until the 14<sup>th</sup>. The wind, though, backed to the west helping to raise the temperature. We had showers on the 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup>, some of them heavy with hail at times. There were long spells of sunshine, but with stronger winds offsetting the higher temperatures. By the 14<sup>th</sup> a high had formed to the west of Ireland and the pressure gradient across the British Isles had slackened. We stayed under the influence of this higher pressure for three days, which resulted in dry and sunny weather, with daytime temperatures above normal.

The nature of the weather then changed once more as low pressure pushed into Biscay. With high pressure now centred to the north of Scotland a strong easterly flow developed. The wind was at its strongest on the 17<sup>th</sup>, bringing a chill feel to the day, despite more sunshine. Late that evening cloud arrived from the south, with some rain later, followed on the 18<sup>th</sup> by overcast conditions with rain for much of the time, including some heavy rain late on. The morning of the 19<sup>th</sup> was cloudy and misty with patches of fog, before brightening up in the afternoon with spells of warm sunshine. The pressure remained below 1000mb for the following two days as well. On the 20<sup>th</sup> we managed a couple of hours of sunshine, boosting the temperature somewhat, however, showers arrived later, followed by wet weather on the 21<sup>st</sup>, with fog at times.

The oscillating weather pattern then took another swing with the pressure on the rise again on the 22<sup>nd</sup>. The higher pressures saw a return to mainly dry and reasonably sunny conditions. Temperatures also rose a few degrees above average between the 22<sup>nd</sup> and 25<sup>th</sup>. On the 26<sup>th</sup> the wind backed to the south-east, pulling in air off France. This helped to raise the temperature even further, giving the maximum for the month a respectable 18.0°C. The pressure, though, was now falling again as fronts edged into western Britain. During the morning of the 27<sup>th</sup> there was some thunder and lightning combined, unusually, with fog. The rest of the day was murky with mist and a little drizzle.

On the 28<sup>th</sup> a depression off south-east Greenland began to deepen and move south-east towards the western approaches. By the time it had reached south-west England the central pressure was down to 985mb, with its fronts bringing rain for the morning of the 29<sup>th</sup>, followed by showers and sunny spells. The depression then began a slow transfer north-east across England, leaving us in a breezy and potentially showery westerly airstream. Following a heavy shower just after dawn the day brightened up with mainly sunny conditions by the afternoon, although feeling a bit chilly in the breeze.

## May

A depression, which had brought us poor weather at the end of April, filled gradually on the 1<sup>st</sup> allowing a reasonably sunny day, but with a few showers during the evening. By the 2<sup>nd</sup> an anticyclone was centred over France, with a south-west flow covering the British Isles. With sunny periods it became rather warm away from areas exposed to the south-west wind. The following day the wind had backed to the south-east, drawing in warm air from France. Despite a large amount of cloud throughout the day, the temperature climbed steadily to exceed 20°C for the first time this year. With a thundery trough extending northwards from France and a cold front edging in from the west, the 4<sup>th</sup> was a cloudy day with rain at times. There was little movement of the trough and front on the 5<sup>th</sup>, resulting in a damp and misty Bank Holiday.

The weather had improved markedly by the morning of the 6<sup>th</sup>, with the front decaying and being pushed westwards again as an easterly flow developed across the Islands. The 6<sup>th</sup> and 7<sup>th</sup> were sunny and warm days, with the temperature climbing to 21.9°C at the Airport on the 7<sup>th</sup>, while 24°C was recorded in the south-west of Guernsey. Fronts moved north-east across Biscay and Brittany on the 8<sup>th</sup>, although with south-east winds it remained warm. Rain arrived that afternoon, with drizzle and fog later. Liberation Day had poor weather, being mainly cloudy with mist or fog and lower temperatures than the previous three days.

The pressure had risen again by the 10<sup>th</sup> with the wind blowing from the east once more to bring higher temperatures. The next three days had a large amount of sunshine, with over 14 hours on the 12<sup>th</sup>. The wind picked up though the next day, with the strong wind pulling in cooler air off the Channel. A renewed push of low pressure coming in from the Bay of Biscay then brought a run of rather cool, cloudy and damp days. There was thick fog at times on the 15<sup>th</sup> and 16<sup>th</sup> along with some heavy showers. The showers on the 16<sup>th</sup> and 17<sup>th</sup> were isolated, affecting some parts of the Island, while other areas were comparatively dry. Heavy showers on the 16<sup>th</sup> gave 8.6mm at the Airport, while the west coast saw just 0.2mm. On the 17<sup>th</sup> the south-west had 15.3mm of rain, with only 1.4mm at the Airport.

Low pressure began to edge away on the 18<sup>th</sup>, bringing drier conditions, but with a strong north-east wind making it feel cool. Nights became colder as skies cleared and the temperature stayed down on the 19<sup>th</sup> despite unbroken sunshine. The following two days saw more sunshine, with daytime temperatures rising, but it was still rather chilly at night. On the 22<sup>nd</sup> fronts, associated with a low west of Ireland, brought a return of cloudy weather, although there was only light rain. The next day was warm and reasonably sunny despite lowering pressure.

The scenario from earlier in the month of low pressure swinging in from the Bay of Biscay was repeated on the 24<sup>th</sup>, ensuring a dull, wet and cool day. The chill being accentuated by a fresh or strong north-east wind. Low pressure remained in the vicinity for the following five days, resulting in more wet weather. There were periods of sunshine on the 25<sup>th</sup>, 26<sup>th</sup> and 27<sup>th</sup>, keeping maximum temperatures several degrees above average. The frequency and intensity of the rain was such that in the four days from the 24<sup>th</sup>-27<sup>th</sup> we had 60mm of rain, well above the average for the whole month of May. After a rather dull and cool day on the 28<sup>th</sup> we managed three dry days to end the month, with temperatures above normal once more.

## June

On the 1<sup>st</sup> a thundery depression was moving north over western France. Ahead of this we had a mainly sunny and warm day with light winds. Cloud from the depression began to arrive that evening, thickening gradually overnight with rain shortly after dawn on the 2<sup>nd</sup>. This set the scene for a dismal day with rain for most of the time and a freshening breeze. During daylight hours the highest temperature was a chilly 12.8°C, lower than for any day during May. The depression gradually moved away to the north-east overnight, with rain dying out eventually after about 24 hours of continuous precipitation.

A transient ridge of high pressure brought dry and bright conditions for the afternoon of the 3<sup>rd</sup> and most of the 4<sup>th</sup>. Fronts from a low north-west of Ireland brought some rain and drizzle that night. Conditions had improved again by late the next morning, with the sun coming out once more. Temperatures, though, were stuck below normal for several days. Pressure then rose as an anticyclone built over and to the south-west of the British Isles. This change ensured that we had five dry and sunny days. Temperatures climbed about four degrees higher than the previous few days, although still not making it into the very warm category.

The high pressure over the United Kingdom then drew back westwards into the Atlantic as a low moved east to the north of Scotland. This had the effect of pulling colder air south over the area and the passage of a weak cold front brought some rain for the early hours of the 12<sup>th</sup>. This did, though, have little impact on our run

of sunny days. The following couple of days were mainly sunny, but with lower than normal temperatures. After eight mainly sunny days, the 14<sup>th</sup> turned out to be rather cloudy, but still dry.

By the 15<sup>th</sup> pressure was low over the Bay of Biscay, with a warm front over Brittany. This front stayed far enough away to allow our dry spell to continue and the sun made more of an appearance again. For the following two days we were covered by an area of slack pressure, between depressions over France and to the west of Scotland. This allowed us more unbroken sunshine, whereas much of the United Kingdom and northern France saw the build up of cloud during daylight hours. We had some of the lowest overnight temperatures at this stage, with the temperature on the ground falling to only a couple of degrees above zero.

The depression off western Scotland then edged south with a strengthening south-west flow developing over southern England and the Channel. This change brought increased cloud, with fronts that night bringing rain and drizzle for a while. The fronts had cleared through by shortly after dawn on the 19<sup>th</sup> to leave us with another mainly sunny day. A warm front moved in from the south-west the next day, making it cloudy with light rain at times. The front was north of us by the following morning, but it remained mainly cloudy whilst becoming rather warm. Over the next 24 hours a fairly deep depression moved north-east across Ireland, with a weakening cold front clearing through Islands. We received only a small amount of rain before the cloud broke up.

A small anticyclone crossed the area on the 23<sup>rd</sup> while a new low approached Ireland. This situation maintained our dry and sunny weather, with more sun for the 24<sup>th</sup> making it rather warm briefly. The influence of the low near Ireland was felt through western areas of the British Isles on the 25<sup>th</sup>, but a ridge of high pressure over Biscay ensured that any fronts passed through with no rain falling. The 26<sup>th</sup> was another mainly sunny day then, in contrast to most of the month, the 27<sup>th</sup> saw a moist west to south-west flow over the Islands. This ensured that there was very little sunshine, with some early drizzle. Rain, drizzle and fog became a feature later in the day, with this hanging around into the next day. Most of the 28<sup>th</sup> was cloudy, although it did brighten up during the afternoon allowing a sunny end to the day. Dry and mainly sunny conditions prevailed for the last couple of days with temperatures marginally above normal.

## July

A south-east breeze on the morning of the 1<sup>st</sup> gave us warm conditions for a while, but the wind soon swung into the west introducing cooler air. Westerly winds then prevailed for much of the next three weeks, with low pressure dominant for the most part. On the 2<sup>nd</sup> a complex area of low pressure was centred to the north-west of Ireland, with showery troughs moving north-east across the United Kingdom. The day was rather cool with some showers, before a heavy shower that evening. A weak ridge of high pressure meant that the 3<sup>rd</sup> was mainly dry and sunny, but still rather cool.

By the 4<sup>th</sup> the original low had filled, but a new one had developed further south, moving north-east towards southern Ireland. Its fronts ensured us a cloudy day, however, there was surprisingly little rainfall. The fronts had cleared through by the following morning to allow us a mainly sunny day, which was, nonetheless, the coolest of the month. As the low edged slowly north-east into the Irish Sea, the wind picked up to strong at times. Over the subsequent three days there was only slow movement in the depression, although its structure became more complex. Being on its southern flank the wind was fresh or strong, even gusting to gale force on the 5<sup>th</sup>. It was cloudy and rather cool, with rain or showers, although the amount of rain was small.

The depression finally cleared away into the North Sea on the 8<sup>th</sup>, only to be followed by the formation of another one heading in towards Ireland. Fronts from this depression affected the area on the 9<sup>th</sup>, meaning just a brief glimpse of the sun and rain for a while during the morning and heavier rain late in the day. The fronts had cleared by the next morning allowing spells of sunshine and just a few light showers. Temperatures, though, remained disappointingly low and there was still something of a breeze blowing.

For the first time this month we had a completely dry day on the 12<sup>th</sup>, there were also periods of sunshine, but also a large amount of cloud at times. On the 13<sup>th</sup> winds were light for the first time since the 2<sup>nd</sup> and there was more sunshine, although the temperature was still about one degree below normal. The pressure was by now rising as a ridge of high pressure pushed into the Bay of Biscay, bringing us a mainly sunny day for a change. Whilst the anticyclone nearby kept any fronts well away, we were covered by a very moist westerly airflow. This meant fog for several hours during the morning of the 15<sup>th</sup>, with mist that afternoon, before the fog returned during the evening. A cold front had cleared through by the following morning, to allow us sunny periods, although more cloud arrived that evening as fronts passed by to the north.

There were sunny periods on the 17<sup>th</sup>, after the clearance of early cloud. A small weather system then came in from the west to bring cloud for the 18<sup>th</sup> with drizzle and mist during the afternoon. There was thick fog

for a while early on the 19<sup>th</sup> before the weather improved with the passage of a cold front. Once this cold front had gone the pressure began to build, heralding a change in the weather, although it took a while for the temperature to start picking up. From the 20<sup>th</sup> to 23<sup>rd</sup> there was virtually unbroken sunshine each day, but initially a north-west flow held the temperature down. By the 23<sup>rd</sup>, though, an anticyclone was centred over southern England, this situation pulling the winds around to the east, bringing in much warmer air. The temperature reached 23.7°C, the highest for the year so far. As the anticyclone drifted east, a potentially thundery flow extended into the Bay of Biscay. This change brought more cloud for the 24<sup>th</sup>, but it was, nonetheless, a warmer day still, peaking at 24.0°C, with 27°C on the west coast.

The 25<sup>th</sup> saw the wind veer to the south-west again, bringing in less warm air and there was less sunshine. Despite these changes we managed another dry day. A shallow ridge of high pressure gave dry and sunny conditions for the 26<sup>th</sup> and there was more warm sunshine for the 27<sup>th</sup>. After a mild night the temperature rose well on the morning of the 28<sup>th</sup>, getting close to 24°C by the end of the morning. The wind then veered ensuring that the temperature climbed no higher. Further east in the Bailiwick the wind veered later, to allow a higher maximum temperature for the day; Sark reporting 28°C. There was rain that evening, but not enough to make up for the lack of rain through most of July.

Low pressure was still very much in evidence close to the British Isles for the last three days of the month, but they mostly affected western areas. The 29<sup>th</sup> was a mainly sunny and dry day, while south-east winds brought warm air again the next day. There was, though, only a glimpse or two of the sun on the 31<sup>st</sup>, with rain during the afternoon. This was accompanied for a time by hill fog.

## **August**

This month started as it meant to go on, with low pressure crossing the British Isles and fresh south-west winds over the Channel. We managed several hours of sunshine before drizzle arrived on the evening of the 1<sup>st</sup>. Drizzle and rain continued overnight accompanied by hill fog. Brighter conditions came along for a while before more fronts pushed in. The 3<sup>rd</sup> was a dull day with drizzle and for early, then heavy rain for several hours during the afternoon. This proved to be the wettest August day since 1993, although it was even wetter in Jersey, where the Airport had its wettest day on record.

A transient ridge of high pressure crossed the area on the 4<sup>th</sup>, allowing us 10 hours of sunshine. A new depression was, though, heading in towards Ireland, however, its fronts were weak as they crossed the Islands. Despite low pressure and fronts being not too far away, the 5<sup>th</sup> was a reasonable day with fairly light winds and sunshine, allowing the temperature to reach 21.3°C. The 6<sup>th</sup> was a reasonably warm day, but would be the last to see 20°C at the Airport until the 30<sup>th</sup>. There was some rain later in the day as weak fronts moved through. Low pressure was centred close to the Island the next day, leading to a few heavy showers.

A passing ridge of high pressure allowed us a dry and fairly sunny day on the 8<sup>th</sup>, but more Atlantic fronts were soon on their way across the British Isles. We picked up a comparatively small amount of rain as they went through and once clear we were left in a bright, but very breezy westerly airflow. Cloud ahead of the following weather system brought cloud for most of the 11<sup>th</sup>, with rain in the evening, with the rain turning heavier overnight. The heaviest rain was accompanied for a while by thunder and lightning.

Deep low pressure (for the middle of August) was centred over Ireland, with strong winds affecting the Channel. Despite the low pressure we had a mainly sunny day, although showers came along later with a heavy shower overnight. The picture was similar the next day with the wind even stronger and the showers more frequent. As the low pressure edged away into the North Sea, the winds died down and it became mainly dry for a couple of days. Despite the sunshine and light winds the 14<sup>th</sup> and 15<sup>th</sup> were two of the coolest days of the month, being a couple of degrees cooler than normal.

Cloud heralding the approach of yet another depression ensured that the 16<sup>th</sup> was cool and cloudy. We escaped any significant rain from fronts on this day and also further fronts that crossed the country over the following 24 hours. From early on the 18<sup>th</sup> until late on the 19<sup>th</sup> a low moved slowly across Ireland and England, bringing considerable cloudiness with rain at times. It was also generally breezy, but we did manage a little sunshine on each day. This low had only just cleared the country before the next one had moved in. This again gave more drizzle and rain, however, amounts was relatively small.

The pressure had risen somewhat by the 21<sup>st</sup> and this higher pressure was with us for the next couple of days as well. This change allowed dry and fairly sunny weather, but as the wind swung towards the north-west it became rather cool. Light winds and clear skies brought the lowest temperature of the month early on the 23<sup>rd</sup> and a sunny morning was followed by increasing cloud as a new set of fronts came in. These brought rain, drizzle



and hill fog patches on the morning of the 24<sup>th</sup>, before clearing through to leave a bright and breezy afternoon. More fronts gave cloud for much of the Bank Holiday, but this time the main depression was near Iceland rather than over the British Isles. This difference was allayed to rising pressure for southern Britain and the Channel.

High pressure dominated our weather for the next four days, but the high pressure was in the wrong place. For these four days the high was centred to the south-west of the United Kingdom, with a rather moist westerly flow over the area. In this flow a large amount of cloud became trapped and was thick enough not to be burnt off by the sun, even producing drizzle at times. Over this period we had three successive sunless days, something common in the winter, but almost without precedent in August. The last time this happened was in 1968. A change in the wind direction slowly pulled in clear air from France, although not reaching here until after dark on the 29<sup>th</sup>. The weather for the 30<sup>th</sup> was unique, as far as this month was concerned. Warmth and unbroken sunshine was scant compensation for what had gone before. It was all change again for the 31<sup>st</sup> with just a glimpse of the sunshine, but also little rain.

## **September**

At the start of the month a depression was centred west of Ireland, with a small frontal system moving towards south-west England. There were sunny periods during the day, but with a fresh breeze. The frontal system, approaching from the Atlantic, brought rain that evening, with some heavy rain early on the 2<sup>nd</sup>. Once the rain had cleared there were sunny spells, but it was rather windy again with the temperature falling below normal. The 3<sup>rd</sup> was another windy day, but this time it was mainly dry with long sunny periods.

The dominance of the weather by low pressure continued on the 4<sup>th</sup>, with the remnants of an old front making it mainly cloudy with rain at times. A new low then swung in from the Atlantic, bringing more rain and strong winds for the 5<sup>th</sup>. Once this low had reached south-west England its progress slowed, taking 24 hours to move from Cornwall to Norfolk. This ensured cloudy and windy weather persisted, with only a small variation between daytime and night-time temperatures. Brighter and dry conditions followed on the 7<sup>th</sup> as the old low filled and drifted off into the North sea.

A transient ridge of high pressure brought the first quiet day of the month on the 8<sup>th</sup>. Clear skies overnight had brought lower temperatures than during the preceding week, but the temperature climbed higher during the day. By the next morning the ridge had moved off, with a new depression having reached south-west Ireland. With cloud and a southerly breeze the night was mild, followed by continuing cloud and a burst of heavy rain at around midday on the 9<sup>th</sup>. The 10<sup>th</sup> was a much brighter day and, with south to south-west winds, it proved to be the warmest day of the month. Even so the highest temperature of 19.5°C was disappointingly low for September.

The last significant low, until the end of the month, passed north off western Ireland on the 11<sup>th</sup>. The passage of its cold front was followed by a showery airflow for a while, with showers continuing into the early hours of the 12<sup>th</sup>. By this stage high pressure was beginning to take control of our weather. A ridge of high pressure was extending north-east across the Bay of Biscay, eventually linking up with an anticyclone centred over Scandinavia. By the 15<sup>th</sup> the Scandinavian anticyclone was the dominant feature, bringing an easterly flow to the area. There were still the remains of an old front from south-west England to northern Scotland, close enough to give cloud for a while that morning, with some light rain early on. Following a clear night, the 16<sup>th</sup> was sunny at first, before an area of cloud moved in from the east. This hung around until mid-morning on the 17<sup>th</sup>, with sunshine for the rest of the day.

From the 18<sup>th</sup>-21<sup>st</sup> skies were generally clear, allowing mostly sunny weather for the 18<sup>th</sup> and unbroken sunshine on the other three days. Despite the sunshine temperatures were slightly below normal, making it no higher than 17°C at the Airport. These rather low temperatures were accentuated on the 21<sup>st</sup> by a fresh breeze. Despite high pressure persisting over the United Kingdom, the combination of a decaying cold front and weak fronts moving south-west from Scandinavia, meant that the following four days were cloudier with some showers. There was little change in daytime temperatures, but the nights became milder.

By the 26<sup>th</sup> the sun was out again, with the pressure at its highest for the month. The clearer skies, though, saw cooler nights once more, although the days were marginally warmer than normal for late September. A cold front then moved south-east over the British Isles on the 27<sup>th</sup> and 28<sup>th</sup>, reaching here at about dawn on the 29<sup>th</sup>. It produced a light shower before the cloud broke up. The most noticeable change was a lowering of the temperature and strengthening of the wind. For the first time since early in the month we had strong westerly winds on the 30<sup>th</sup>, with no sunshine and outbreaks of showery rain.

## **October**

At the start of the month pressure was low over the North Sea, with a brisk north-west flow over the British Isles. A rapidly moving frontal system gave rain and drizzle, before the cloud broke to leave us with sunny periods and showers. Winds were near gale force at times, gusting close to 50mph. The following couple of days continued with the showery and windy weather and, due to the north-west flow, it became rather cool.

Fronts were never far away from the 4<sup>th</sup> to the 7<sup>th</sup>, ensuring that we had mainly cloudy weather with periods of rain. The heaviest rain on the night and morning of the 4<sup>th</sup>/5<sup>th</sup>, as a small depression moved east over southern England. More fronts swung north across the area on the 6<sup>th</sup> and 7<sup>th</sup>, but these were much weaker. Throughout these four days winds were from the south-west or south, so temperatures were above average, more so overnight than during the day.

The weather pattern then changed following the final clearance of fronts late on the 7<sup>th</sup>. The pressure rose bringing dry and mainly sunny conditions. Initially it became cooler with light winds and clear skies overnight allowing a marked drop in temperature. As the anticyclone moved to the east of us, the wind swung to the south or south-east, pulling in warmer air once more. The 12<sup>th</sup> was the best day of the month with sunshine for most of the day and the temperature climbing to 18.3°C at the Airport. Other, more sheltered, parts of the Island saw the temperature pass 20°C.

By the 13<sup>th</sup> the anticyclone had moved away to the east to allow fronts to begin to affect our weather again. The fronts were comparatively weak, so that despite seeing very little sunshine from the 13<sup>th</sup> to 15<sup>th</sup>, it was not particularly wet. The development of a new high than brought a return to dry and reasonably sunny weather. The morning of the 18<sup>th</sup> was rather cloudy, with three small funnel clouds visible. Daytime temperatures at this stage were close to normal, although it became rather chilly at night.

On the 19<sup>th</sup> a deepening low moved north-east between Scotland and Iceland. The arrival of its associated fronts here was delayed by the remnants of high pressure. The fronts were with us, though, on the 20<sup>th</sup> to produce a wet and breezy day and night, the frontal clearance being postponed until the morning of the 21<sup>st</sup>. The weather for the following five days was unsettled. A ridge of high pressure gave sunny periods on the 22<sup>nd</sup>, although still permitting a few showers. Fronts then crossed the British Isles on the 23<sup>rd</sup>, reaching us late on to bring several hours of rain or drizzle. The pressure was still relatively high on the 24<sup>th</sup>, but the old fronts were still close enough to keep it mainly cloudy. The pressure had climbed even higher the next day, meaning we had a dry day, but cloud ahead of approaching Atlantic fronts allowed only a brief burst of sunshine.

The passage of the fronts on the 26<sup>th</sup> was marked by a period of rain, with mist and some hill fog. Once the fronts had cleared away the wind veered, heralding a change to much colder weather. Air of Arctic origin reached the Channel on the 27<sup>th</sup>, bringing a mix of rain and hail showers. In between the showers there were sunny periods and conditions were similar on the 28<sup>th</sup> and 29<sup>th</sup>. On the 28<sup>th</sup> we just reached 10°C at the Airport, however, that evening the temperature fell to 3.9°C during one heavy shower. This temperature is equal to the second lowest temperature recorded during October. On the 29<sup>th</sup> a low formed just south of Iceland. This then moved quickly towards south-west England. Rain arrived that evening, with more showery rain to follow overnight.

During the early part of the 30<sup>th</sup> there was an unusual mix of weather. The north and east of the Island had some exceptionally heavy rain, accompanied by hail, which was sufficiently intense to cover the ground in places. That morning's commute was marked by flooded roads, which disrupted the flow of traffic. There are indications that over 30mm of rain fell in the affected area, in contrast to 8mm in the west of the Island. The rest of that day was cloudy and cold for the end of October, with 7.3°C being the highest temperature reached during the daytime at the Airport. That night, there were more heavy showers, this time accompanied by thunder and lightning. A number of damaging strikes were recorded with the Hospital, St. Margaret's Lodge Hotel and the Airport receiving direct hits. After this the rest of the 31<sup>st</sup> was reasonably sunny, but cool with a fresh to strong wind.

## **November**

There was a hangover of the cold weather that blighted the end of October, with a stiff north-east wind and cloudy conditions, ensuring that the temperature failed to reach 10°C for the fourth day in succession. As the French low drifted northwards later that day it brought some heavy rain, to accentuate this dismal beginning to the month. The low then filled somewhat, allowing the wind to slacken and permitting less cold air to come in. Otherwise it remained generally dull with spells of rain or drizzle. The 4<sup>th</sup> was a better day with a few hours of

sunshine and only patchy light drizzle early on. The influence of the continental low pressure stayed with us, though, for another couple of days, keeping the dreary weather going.

By the evening of the 6<sup>th</sup> a cold front was approaching from the south-west, with its passage marked by a period of rain, before the cloud broke. For the first day this month we had more than five hours of sunshine on the 7<sup>th</sup>, with the temperature finally reaching the norm for early November. The following four days saw unsettled conditions with a deep depression slow moving near to north-west Scotland and a series of fronts affecting areas further south. For us this meant strong winds and periods of rain, some of this being heavy, especially so on the afternoon of the 10<sup>th</sup>. This also proved to be the mildest day of the month, with a maximum temperature of 14.0°C. There were some showers early the next day, but also a decent amount of sunshine.

A ridge of high pressure gave us mainly sunny conditions on the 12<sup>th</sup>, although the temperature fell back. Pressure continued to rise over the following couple of days as a large anticyclone became established off Iberia. Fronts moving around this anticyclone brought cloudy weather to the British Isles, though, so that despite the high pressure there was very little sunshine from the 13<sup>th</sup> to 17<sup>th</sup>. There was also sufficient moisture picked up over the sea to give several periods of drizzle. Rather surprisingly on the morning of the 17<sup>th</sup>, with the pressure close to its highest for the month, a couple of small funnel clouds were spotted. Temperatures during this period were well above average overnight, due to the large amount of cloud, but only slightly above average during the day.

The passage of a couple of fronts on the 18<sup>th</sup> finally brought a decent break-up of the cloud sheet, with clear skies overnight. Fine weather was brought to the Islands on the 19<sup>th</sup> by a passing ridge of high pressure, before a decaying front brought a return of the cloud. The establishment of a large high over the middle of the Atlantic brought a north-west airflow to the British Isles. Initially it was generally dry here with temperatures remaining above normal, although there was little sign of the sun. As depressions crossing the British Isles became more active we saw a mixture of rain or showers and lowering temperatures. By the 24<sup>th</sup> temperatures were down to values not experienced in the preceding three weeks.

With the pressure staying high over the central Atlantic for the rest of the month and the pressure low over central Europe for much of this period, a flow of air from Polar regions covered the eastern Atlantic. This ensured that it was rather cold during the last week of the month with the sun still reluctant to make an appearance. The only fair day was the 25<sup>th</sup>, while clear skies during the early part of that night gave the first ground frost of the autumn. A cold front crossing the area on the night of the 27<sup>th</sup> gave several hours of heavy rain, producing a total of 27.5mm of rain for the 27<sup>th</sup>. This made it the wettest November day since 1987. By the end of the month the weather pattern looked similar to that seen early on, with low pressure over France bringing dull and cold conditions to the Bailiwick.

## **December**

Low pressure over France and high pressure over the central Atlantic gave a cold northerly flow over the area on the 1<sup>st</sup>. Initially the weather was cloudy, before the sun came out that afternoon. A small depression moving south-east across the United Kingdom and another coming in from the Atlantic, brought rain by the evening of the 2<sup>nd</sup>. This tended to persist through the morning of the 3<sup>rd</sup> with skies clearing by midday.

Fronts from a new depression off north-west Scotland swept through the British Isles in the early hours of the 4<sup>th</sup>, followed by a showery airstream. Some of the showers were heavy and accompanied by hail. A low then crossed Ireland and swung south-east over south-west England, bringing rain for the early hours of the 5<sup>th</sup>. As this low made its closest approach to us our wind strengthened to gale force with gusts to storm force 10. Showers followed the rain, but with sunny periods in between. Over the next couple of days the pressure rose with an anticyclone becoming centred over southern England by dawn on the 7<sup>th</sup>. Dry easterly winds here allowed a day of unbroken sunshine with the temperature slightly below normal.

By the morning of the 8<sup>th</sup> the anticyclone had transferred to Austria with a front moving south-east over the British Isles. The front reached here late on, bringing outbreaks of rain. The rain was gone before sunrise on the 9<sup>th</sup>, with several hours of sunshine to follow before showers arrived that afternoon. The following couple of days saw more showers with spells of sunshine. The weather became colder and with the wind decreasing we managed ground frosts on the 11<sup>th</sup> and 12<sup>th</sup>. A weak front had already brought cloud by first light on the 12<sup>th</sup>, with some light rain or drizzle. Later in the day a much more active weather system brought rain and stronger winds. There was rain for most of the morning on the 13<sup>th</sup> with spells of heavy rain and one short burst of torrential rain; this rain was followed by frequent rain or hail showers, so that in the 24 hours up to midnight on the 13<sup>th</sup>, we had recorded over 35mm of rain.

The pressure remained low on the 14<sup>th</sup>, with showers early on before the cloud broke. It became cloudy again in the afternoon as an old front returned from the east, bringing some showers. By the next morning the pressure had risen, making it dry, but the cloud persisted. The 16<sup>th</sup> was much brighter with almost unbroken sunshine allowing the temperature to climb close to 10°C, following a chilly start. Fronts swept through overnight, giving several hours of rain with the cloud clearing again shortly after dawn on the 17<sup>th</sup>. The pressure continued to rise over the next two days and with a westerly wind blowing it became mild. After some light rain on the 18<sup>th</sup>, the 19<sup>th</sup> was brighter with sunny periods.

From the 20<sup>th</sup> to 23<sup>rd</sup> high pressure was dominant, leading to mainly dry conditions, although it was cloudy with some light rain at times. The persistence of westerly winds meant that the temperature stayed well above normal. By the 23<sup>rd</sup>, though, the high had moved to the north-east of us, leading to the wind veering to the south-east. This pulled in colder air off the continent, but with the cloud persisting for most of the time. We managed about three hours of sunshine on Christmas Eve, before the cloud returned leaving us with a cloudy and slightly damp Christmas morning. Strengthening easterly winds pulled in dry, clear and colder weather for Boxing Day.

The strong wind continued for another two days, with the lowest daytime temperatures on the 28<sup>th</sup>. The highest temperature during the day was only 3.4°C and the temperature fell below freezing overnight. There was, though, unbroken sunshine through the day, but this meant that the temperature fell away again that night. The wind was much lighter than on preceding nights, which allowed the formation of a marked frost on the ground, despite the air temperature staying above zero. The ground frost was less notable on the 31<sup>st</sup> due to increasing cloud and a stronger breeze.

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## Guernsey Airport Meteorological Office – Annual Report 2008



6<sup>th</sup> April 2008: Strong spring sunshine breaks through as the last few flakes of snow drift down. Some parts of the island received a dusting of snow on this day – this was the scene in western Torteval – other parts saw none at all. April snow in Guernsey tends to fall quickly and melt quickly. While the island can occasionally look quite wintry for an hour or two, substantial or persistent accumulations of snow in April are very rare.

Photo credit: Martin Crozier

### ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2008	DIFFERENCE FROM AVERAGE	2008	PERCENTAGE OF AVERAGE	2008	PERCENTAGE OF AVERAGE
JAN	8.5	+1.9	95.7	107.3	65.0	112.3
FEB	7.5	+1.2	38.8	50.7	143.9 *	183.5
MAR	7.9	+0.5	104.8	157.1	123.5	97.9
APR	9.3	+0.6	54.9	107.4	237.9	129.9
MAY	13.8	+2.2	93.2	187.9	206.0	88.1
JUN	14.4	+0.4	36.2	78.4	308.8	129.6
JUL	16.2	0.0	24.8	66.0	236.1	95.2
AUG	16.2	-0.4	97.0	211.8	173.6	73.9
SEP	14.5	-0.6	57.8	86.5	188.0	108.0
OCT	11.7	-0.9	103.7	116.4	132.1	111.7
NOV	9.8	+0.3	128.2	130.9	44.3	59.1
DEC	6.5	-1.3	82.1	76.5	100.5	192.5
YEAR	11.4	+0.3	917.2	111.3	1959.7	107.7

\* NEW RECORD

### SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2008	DATE	2008	AVERAGE 1971-2000	2008	AVERAGE 1971-2000
JAN	65.0	57.9	112.8	1998	26.0	1966	8.3	27th	24.1	21.5	12	10.7
FEB	143.9 *	78.4	140.9	1959	36.1	1976	9.4	17th	48.9	26.6	6	6.9
MAR	123.5	126.1	206.1	1973	67.4	1964	10.2	27th	33.6	34.3	4	5.6
APR	237.9	183.2	280.4	1984	122.2	1981	11.7	16th	58.2	44.8	3	2.6
MAY	206.0	233.8	336.4	1989	136.9	1981	14.2	12th	43.6	49.4	2	1.8
JUN	308.8	238.2	355.3	1975	147.8	1977	15.2	17th	64.2	49.5	1	1.9
JUL	236.1	248.1	335.9	1959	167.7	1972	14.8	22nd	48.7	51.2	0	1.4
AUG	173.6	235.0	323.0	1955	139.2	1992	12.6	30th	39.2	53.1	5	1.2
SEP	188.0	174.0	266.5	1959	104.5	1956	11.0	20th,21st	49.9	46.2	1	2.3
OCT	132.1	118.3	176.4	1971	72.6	1968	9.7	10th	39.9	35.7	6	4.6
NOV	44.3	74.9	117.7	1988	38.9	1981	7.8	12th	16.3	27.6	8	6.9
DEC	100.5	52.2	108.9	2001	26.6	1966	7.7	7th	39.4	20.4	5	11.0
YEAR	1959.7	1819.9	2262.8	1959	1532.5	1981	15.2	17-Jun	44.0	40.8	53	56.8

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

MONTH	MEAN PRESSURE						EXTREME PRESSURE				
	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	
JAN	1015.8	1017.1	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220	
FEB	1023.8	1017.0	1032.1	1959	1003.5	1966	1047.5	7/1964 1050	952.5	25/1989 1050	
MAR	1010.2	1016.7	1029.9	1953	1003.0	1947	1047.7	3/1990 0930	969.6	13/1951 1630	
APR	1011.3	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620	
MAY	1013.1	1015.7	1025.3	1991	1007.6	1983	1036.1	22/1991 0900	981.3	5/2004 2350	
JUN	1019.0	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500	
JUL	1015.6	1018.4	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845	
AUG	1013.3	1017.6	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000	
SEP	1017.8	1017.1	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630	
OCT	1016.9	1015.6	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200	
NOV	1015.5	1016.2	1026.2	1978	1001.5	2000	1041.9	2/2001 0850	965.0	19/1996 1720	
DEC	1019.2	1016.0	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450	
YEAR	1015.9	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)	
	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2008	DATE	2008	AVERAGE 1971-2000	2008	AVERAGE 1971-2000
JAN	95.7	89.2	210.0	2001	15.4	1992	19.8	10th	19	19.0	14	14.8
FEB	38.8	76.5	182.8	1978	4.8	1965	13.9	27th	8	16.3	6	12.3
MAR	104.8	66.7	179.6	2001	2.7	1961	13.6	9th	25	16.3	17	12.0
APR	54.9	51.1	130.4	1966	2.9	1980	9.9	20th	13	12.9	12	9.5
MAY	93.2	49.6	128.7	1994	4.1	1989	19.4	24th	14	11.8	11	8.5
JUN	36.2	46.2	129.7	1986	0.6	1976	31.0	2nd	7	10.6	4	7.2
JUL	24.8	37.6	120.2	1960	3.9	1999	8.0	2nd	13	9.7	5	6.7
AUG	97.0	45.8	122.0	1951	3.8	1955	32.9	3rd	17	10.2	12	7.2
SEP	57.8	66.8	194.5	1952	6.9	1997	16.3	1st	12	13.5	9	9.9
OCT	103.7	89.1	233.9	1960	3.4	1978	14.7	20th	19	16.3	16	12.5
NOV	128.2	97.9	192.5	1965	16.1	1978	27.5	27th	19	18.5	18	14.8
DEC	82.1	107.3	249.6	1999	28.1	1953	27.3	12th	12	19.1	10	15.5
YEAR	917.2	824.0	1317.0	1960	531.3	1989	32.9	03-Aug	178	174.1	134	130.6

\* NEW RECORD

**TEMPERATURE °C**

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM			MEAN MINIMUM		LOWEST MINIMUM				
	2008	AVERAGE 1971-2000	2008	DATE	RECORD HIGHEST	DATE	2008	AVERAGE 1971-2000	2008	DATE	RECORD LOWEST	DATE
JAN	10.4	8.4	12.5	27th	13.3	4/48, 9/07	6.6	4.7	2.1	3rd	-7.8	20/1963
FEB	9.9	8.2	12.5	5th	15.0	29/1948	5.2	4.4	0.7	17th	-7.2	21/48, 7/91
MAR	10.0	9.6	13.5	14th, 15th	19.4	29/1965	5.7	5.2	2.0	5th	-2.2	10, 11/1958
APR	12.1	11.2	18.0	26th	24.3	16/2003	6.4	6.2	0.7	6th	-1.4	11/1986
MAY	16.9	14.4	21.9	7th	25.9	30/2003	10.7 *	8.7	7.6	1st	0.1	2/1979
JUN	17.3	16.9	20.9	24th	30.8	26/1976	11.4	11.1	9.1	16th	5.4	1/1975
JUL	19.1	19.2	24.0	24th	31.7	1/1952	13.3	13.2	10.7	14th	8.3	8/1954
AUG	18.5	19.5	22.7	30th	34.3	9/2003	13.9	13.7	11.2	23rd	9.2	28/1986
SEP	16.9	17.6	19.5	10th	30.6	2/1961	12.1	12.5	9.6	28th	5.8	28/1974
OCT	14.2	14.7	18.3	12th	23.3	4, 5/1959	9.2	10.5	3.9	28th	3.5	28/2003
NOV	11.4	11.4	14.0	10th	16.8	1/99, 8/05	8.2	7.7	4.4	26th	0.0	{18/52, 19/85 {22, 28/93
DEC	8.5	9.6	11.9	20th	15.6	6/1953	4.5	6.0	-0.5	29th	-3.8	24/1963
YEAR	13.8	13.4	24.0	24-Jul	34.3	09/08/03	8.9	8.7	-0.5	29-Dec	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	8.5	6.6	9.0	2007	1.5	1963	3.8	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	7.5	6.3	9.0	1990	1.5	1986	4.7 *	3.8	4.6	1988	3.0	1986
MAR	7.9	7.4	10.3	1957	4.4	1962	4.3	4.4	6.4	1953	3.7	1964,81,88
APR	9.3	8.7	11.7	2007	6.4	1986	5.7	5.0	6.3	1984	3.7	1994
MAY	13.8	11.6	13.9	1989	9.9	1984	6.2	5.7	7.3	1989	4.6	1981
JUN	14.4	14.0	16.7	1976	11.3	1972	5.9	5.8	8.3	1976	4.1	1977
JUL	16.2	16.2	19.4	1983	13.8	1954	5.8	6.0	7.9	1983	4.4	1954
AUG	16.2	16.6	19.3	2003	14.3	1956	4.6	5.8	7.3	1955	4.3	1958
SEP	14.5	15.0	17.5	1949	12.8	1986	4.8	5.0	6.1	1961	3.6	1967
OCT	11.7	12.6	15.2	2001	9.6	1974	5.0	4.1	5.1	1947	3.5	1968
NOV	9.8	9.3	12.0	1994	7.7	1993	3.2	3.7	4.9	1969	2.8	1994
DEC	6.5	7.4	10.1	1953	4.6	1950	4.0	3.6	4.5	1968	2.8	1987
YEAR	11.4	11.1	12.1	1989/2003	9.6	1963	4.9	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			
	2008	DATE	RECORD LOWEST	DATE	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	-3.7	28th	-10.0	29/1947	0	2.5	16	1963	5	7.4	20	1985
FEB	-3.7	17th	-11.1	12/1978	0	2.6	18	1986	12	7.8	24	1956
MAR	-3.0	5th	-9.4	3/1965	0	0.6	4	1947	3	7.0	18	1955
APR	-5.4	8th	-7.0	5/1990	0	0.1	1	1978,86	6	4.5	10	1984
MAY	4.3	2nd	-5.6	5/1979	0	0.0	--		0	2.0	9	1979
JUN	2.0	17th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	4.4	14th	1.0	Jul-96	0	0.0	--		0	0.0	--	
AUG	6.0	23rd	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	3.2	28th	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	0.1	25th	-4.0	30/1983	0	0.0	--		0	0.5	6	1992
NOV	-2.8	26th	-5.6	29/1987	0	0.0	--		2	3.3	9	1988
DEC	-5.3	30th	-8.9	29/1964,27/1995	1	1.0	5	1970	11	5.4	10	1976
YEAR	-5.4	08-Apr	-11.1	12/02/1978	1	6.7	31	1963	39	38.4	62	1985

\* NEW RECORD

**NUMBER OF DAYS WITH**

MONTH	FOG					THUNDER				
	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	3	5.8	13	1955,82	2	1963,67,72,74,92	0	0.8	4	1979,98
FEB	8	7.0	15	1979	0	1969	0	0.5	3	1957,89
MAR	6	7.9	16	1960,94	0	1968,73	0	0.5	4	1958,67,82,87,95
APR	7	6.0	16	1963	2	1976,90	1	0.7	4	1981,95
MAY	10	7.1	19	1964	2	1988	2	1.2	4	1950,71
JUN	5	9.9	18	1965	1	1975	0	1.3	6	1982
JUL	3 *	11.2	20	1972,78	4	1966	0	1.6	5	1982,94
AUG	5	9.4	21	1997	2	1976	2	1.4	5	1974
SEP	1	5.6	15	1987	0	1952,53,72	0	1.2	10	1976
OCT	3	4.0	17	1986	0	—	2	1.4	5	1964
NOV	0	3.9	14	1992	0	—	0	0.8	4	1969
DEC	1	4.6	11	1995	0	1947,64,75	1	1.1	4	1976,93
YEAR	52 *	82.6	115	1994	55	1989	8	12.3	21	1982,95

MONTH	SNOW OR SLEET					HAIL				
	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	0	2.9	12	1963,85	0	5.4	13	1984,85	0	1955,64,70,92,93
FEB	0	3.9	18	1956	2	3.9	13	1988	0	—
MAR	0	1.7	10	1962,70	10 *	3.9	9	1979	0	—
APR	1	0.9	4	1970	4	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	—	—	5	1.7	7	1992	0	—
NOV	0	0.6	5	1980	2	4.2	11	2000 1979,82,86 1993,2004	0	1948,55,83,94,95
DEC	0	1.6	8	1962,70	6	4.5	10	—	0	1964,68,75
YEAR	1	11.6	30	1962,63,70,79	29	28.1	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)					WET DAYS(≥1.0mm)				
	2008	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2008	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	19	31	1948	4	1992	14	28	1948	3	1992
FEB	8	26	1970,95	2	1959	6	23	1951	1	1965
MAR	25	27	1979	3	1961	17	21	1947	1	1961
APR	13	21	1983	3	1976	12	18	1966	1	1976,80
MAY	14	26	1981	2	1989	11	19	1981	1	1989
JUN	7	21	1991	3	1975,76	4	14	1987,91	0	1976
JUL	13	20	1960,07	3	1999	5	15	1950,07	1	1999
AUG	17	21	1963	1	1976	12	18	1992	1	1955,76
SEP	12	23	1950,52	4	1959,97	9	21	1950	2	1959,97
OCT	19	28	1981	5	1965,78	16	24	1981	1	1978
NOV	19	27	1960	8	1978	18	25	1960	5	1988
DEC	12	28	1993	8	1991	10	26	1959	5	1991
YEAR	178	212	1960	138	1971	134	175	1960	96	1953



# WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2008	AVERAGE 1971-2000	2008	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2008	DATE	RECORD HIGHEST	DATE
JAN	14.1	14.7	0	2.6	11	1984	51	21st	77	25/1990
FEB	11.3	13.3	0	1.5	10	1990	42	4th-6th	69	9/1988, 11/1990
MAR	15.4	12.6	4	1.0	6	1980	64	10th	70	10/1982
APR	10.8	11.9	0	0.3	2	1964, 72, 83, 94	41	17th	60	9/1994
MAY	9.3	11.1	0	0.1	2	2007	34	18th	58	19/1996
JUN	9.4	10.6	0	0.0	0	—	31	27th	51	16/1965
JUL	10.5	10.3	0	0.0	1	1956, 69	36	6th	63	31/1983
AUG	11.3	9.7	0	0.0	1	1956, 61, 86	40	13th	52	26/1986
SEP	11.5	11.1	0	0.2	2	1953, 65, 74, 83	40	5th	60	29/1962
OCT	12.1	12.5	0	0.9	4	1967, 76	45	3rd	81	16/1987
NOV	13.6	13.5	0	1.3	8	1977	47	9th	73	23/1984
DEC	12.0	14.5	1	2.2	9	1979	56	5th	83	15/1979
YEAR	11.8	12.1	5	10.1	20	1972	64	10-Mar	83	15/12/1979

**PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION**

**2008**

MONTH	DIRECTION RANGE	350 -010	020 -040	050 -070	080 -100	110 -130	140 -160	170 -190	200 -220	230 -250	260 -280	290 -310	320 -340	SPEED ONLY
	SPEED RANGE													
JAN	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.5
	4-10 knots			0.7	0.8	0.5	2.6	3.9	6.0	6.0	1.3	1.6	1.6	23.1
	11-21 knots				3.4	3.0	1.1	5.6	19.1	19.1	5.8	3.5	3.5	60.5
	22-33 knots						1.3	0.5	3.4	3.4	2.2	1.1	1.1	10.9
	≥34 knots													
	DIRECTION ONLY			0.7	4.2	3.5	5.0	10.1	28.5	28.5	9.3	6.2	6.2	
FEB	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	2.7
	4-10 knots	0.9		3.7	11.1	6.9	11.1	3.2	3.3	3.3	2.7	1.4	1.4	49.0
	11-21 knots	0.1		8.8	5.9	0.7	2.3	2.6	4.9	9.2	5.0	2.7	0.9	43.1
	22-33 knots						1.6	0.4	1.0	1.6	0.6			5.2
	≥34 knots													
	DIRECTION ONLY	1.0		12.5	17.0	7.6	14.9	6.2	9.2	14.1	8.3	4.2	2.3	
MAR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	0.0
	4-10 knots	1.7	3.4	0.5	0.1	1.3	1.3	0.5	2.7	4.4	3.4	2.3	1.3	23.1
	11-21 knots	4.2	2.2	2.7	0.4	0.1	0.5	3.8	6.2	12.4	12.0	8.2	8.5	61.1
	22-33 knots	1.3						0.9	0.3	3.2	6.1	1.9	0.4	14.1
	≥34 knots									0.5	1.1			1.6
	DIRECTION ONLY	7.3	5.5	3.2	0.5	1.5	1.9	5.2	9.2	20.6	22.5	12.4	10.2	
APR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	7.1
	4-10 knots	3.1	2.5	3.3	1.8	1.9	4.0	3.1	3.9	6.4	3.3	5.4	6.4	45.1
	11-21 knots	0.8	2.1	4.2	3.9	0.1	0.6	1.3	4.6	9.2	9.6	3.5	3.8	43.5
	22-33 knots			1.9	1.0					0.4	1.0			4.3
	≥34 knots													
	DIRECTION ONLY	3.9	4.6	9.4	6.7	2.1	4.6	4.3	8.5	16.0	13.9	8.9	10.1	
MAY	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	3.0
	4-10 knots	4.3	10.6	13.6	7.3	10.6	8.5	2.2	1.9	1.2	1.5	0.4	1.5	63.3
	11-21 knots	0.5	4.4	21.0	2.8	1.3	0.8		0.7	1.2	0.1	0.3		33.5
	22-33 knots			0.3										0.3
	≥34 knots													
	DIRECTION ONLY	4.8	15.1	34.8	10.1	12.0	9.3	2.2	2.7	2.4	1.6	0.7	1.5	
JUN	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10 knots	6.8	5.6	3.2	0.6	1.4	3.2	4.3	4.9	5.6	6.7	8.2	8.3	58.6
	11-21 knots	0.8	1.0					0.1	3.5	9.7	13.8	5.7	3.1	37.6
	22-33 knots													
	≥34 knots													
	DIRECTION ONLY	7.6	6.5	3.2	0.6	1.4	3.2	4.4	8.3	15.3	20.4	13.9	11.4	
JUL	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10 knots	0.5	0.8	1.3	2.7	4.0	5.8	3.9	6.0	5.9	3.5	10.1	5.5	50.1
	11-21 knots			2.6	1.2	0.7	1.3	1.1	9.4	14.5	10.1	4.0	0.4	45.3
	22-33 knots								0.5	0.1				0.7
	≥34 knots													
	DIRECTION ONLY	0.6	0.8	3.9	3.9	4.7	7.1	5.0	16.0	20.6	13.6	14.1	5.9	
AUG	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	3.6
	4-10 knots	0.1	0.4	2.4	1.5	2.0	2.7	4.8	9.0	6.0	9.8	3.4	1.3	43.5
	11-21 knots						3.2	1.3	11.6	21.9	8.5	3.1	0.4	50.0
	22-33 knots								0.3	2.6				2.8
	≥34 knots													
	DIRECTION ONLY	0.1	0.4	2.4	1.5	2.0	5.9	6.2	20.8	30.5	18.3	6.5	1.7	
SEP	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	1.8
	4-10 knots	1.1	6.7	12.6	8.5	0.6	1.5	0.4	1.7	2.2	1.7	3.6	3.5	44.0
	11-21 knots		8.2	8.1	1.5	0.3	1.8	2.9	7.9	9.9	6.5	1.8	1.0	49.9
	22-33 knots			0.1			0.6		0.8	1.1	1.7			4.3
	≥34 knots													
	DIRECTION ONLY	1.1	14.9	20.8	10.0	0.8	3.9	3.3	10.4	13.2	9.9	5.4	4.4	
OCT	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.1
	4-10 knots	0.7	0.1	0.1		2.4	5.5	3.0	5.9	5.0	6.3	4.3	4.8	38.2
	11-21 knots	1.3	3.0	1.3	0.8	0.3	3.0	2.3	15.2	1.6	8.3	7.3	4.8	49.2
	22-33 knots			0.1					1.6	1.1	3.2	0.8	0.7	7.5
	≥34 knots													
	DIRECTION ONLY	2.0	3.1	1.6	0.8	2.7	8.5	5.2	22.7	7.7	17.9	12.4	10.3	
NOV	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	2.1
	4-10 knots	4.2	2.2	2.2	2.8	0.7	0.1	0.1	0.7	1.0	2.1	6.9	5.4	28.5
	11-21 knots	7.5	7.5	1.7	0.7		0.4	1.3	6.4	6.7	7.9	11.1	9.3	60.4
	22-33 knots	0.8	0.6					0.1	2.4	1.4	1.3	2.4	0.1	9.0
	≥34 knots													
	DIRECTION ONLY	12.5	10.3	3.9	3.5	0.7	0.6	1.5	9.4	9.0	11.3	20.4	14.9	
DEC	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	8.9
	4-10 knots	4.2	2.6	3.9	8.9	3.2	1.3	1.2	1.6	2.3	2.6	3.0	3.5	38.2
	11-21 knots	3.5	2.4	5.2	7.1	0.9		0.5	2.3	5.2	8.9	1.9	5.1	43.1
	22-33 knots			3.9			0.7	0.3	0.5	0.4	2.7	1.1		9.5
	≥34 knots										0.1	0.1		0.3
	DIRECTION ONLY	7.7	5.0	13.0	16.0	4.2	2.0	2.0	4.4	7.9	14.2	6.0	8.6	
YEAR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	4.0
	4-10 knots	2.3	2.9	4.0	3.8	3.0	4.0	2.6	4.0	3.7	4.2	4.2	3.6	42.0
	11-21 knots	1.6	2.6	4.6	2.3	0.6	1.3	1.9	7.7	9.9	8.0	4.4	3.3	48.1
	22-33 knots	0.2	(0.05)	0.5	0.1		0.3	0.2	0.9	1.2	1.6	0.6	0.1	5.7
	≥34 knots									(0.05)	0.1	(0.01)		0.2
	DIRECTION ONLY	4.0	5.5	9.1	6.2	3.6	5.5	4.6	12.6	15.2	13.4	9.2	7.0	

**GUERNSEY AIRPORT MET OFFICE 2008**

**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				3.5									
2			3.0	6.0		9.0		5.0					
3								4.5					
4				2.0									
5													
6	2.0												
7		0.5											
8					2.5								
9					1.0								
10													
11			1.0										
12													
13			1.0										
14			2.5						0.5				
15			1.5		2.5		6.0			2.0			
16					3.0								
17					0.5								
18	0.5												
19				0.5									
20													
21		3.0		1.0									
22													
23		0.5											
24		0.5											
25													
26		1.5			1.0					0.5			
27		1.5		1.0	0.5								
28		9.5			6.5	3.0							
29						1.0							
30					6.5								
31	0.5						0.5						
Tot Hrs	3.0	17.0	9.0	14.0	24.0	13.0	6.5	9.5	0.5	2.5	0.0	0.0	99.0
Tot Days	3	7	5	6	9	3	2	2	1	2	0	0	40

**Averages for Period 1991-2007**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	18.0	20.0	29.1	21.1	22.9	20.7	29.7	19.6	9.9	4.9	8.5	9.8	214.3
Days	4.4	4.6	7.6	6.2	6.5	7.1	8.7	7.4	3.2	2.4	2.9	3.6	64.6

**GUERNSEY AIRPORT MET OFFICE 2008**

**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				3.5									
2			1.5	4.0		3.5		4.0					
3								1.5					
4				0.5									
5													
6	1.0												
7													
8													
9					0.5								
10													
11													
12													
13													
14			2.0										
15			0.5		1.5		4.0						
16					2.0								
17													
18													
19													
20													
21		2.5											
22													
23													
24													
25													
26													
27				0.5									
28		7.5			4.0	3.0							
29													
30					0.5								
31													
Tot Hrs	1.0	10.0	4.0	8.5	8.5	6.5	4.0	5.5	0.0	0.0	0.0	0.0	48.0
Tot Days	1	2	3	4	5	2	1	2	0	0	0	0	20

**Averages for Period 1991-2007**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	9.8	9.6	13.3	10.7	12.4	9.8	13.8	8.5	4.2	1.2	3.0	3.8	100.1
Days	2.8	2.6	4.4	3.8	4.3	4.2	5.5	4.8	1.6	0.9	1.4	1.6	37.8

# 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	11.0	13.2	20th	7.7	3.2	3rd	100.1	26.4	10th	84.6	6.5
FEB	11.3	13.8	10th	5.8	-0.5	17th	34.6	10.2	27th	86.2	4.2
MAR	11.0	13.8	14th	6.9	1.8	5th	84.2	12.7	9th	77.3	5.7
APR	13.3	20.0	26th	7.4	1.8	8th	61.2	12.8	18th	80.9	5.0
MAY	18.7	24.2	7th	11.6	7.1	17th	96.6	20.0	24th	80.9	5.2
JUN	18.4	21.5	1st	12.5	9.7	17th	32.6	29.6	2nd	79.7	4.1
JUL	20.4	27.0	24th	14.4	12.2	20th	24.3	5.5	31st	78.6	4.4
AUG	19.6	24.3	30th	15.1	12.4	15th	86.9	31.1	3rd	85.0	5.4
SEP	18.3	20.4	1st, 10th	12.7	9.2	27th	53.3	15.1	1st	83.3	5.0
OCT	15.3	20.4	12th	10.9	5.3	29th	80.8	11.6	20th	79.8	5.2
NOV	12.3	14.6	10th	9.3	3.8	29th	109.5	24.1	27th	83.4	6.8
DEC	9.5	12.8	18th	5.3	0.1	29th	72.2	23.7	12th	82.1	4.8
YEAR	15.0	27.0	24-Jul	10.0	-0.5	17-Feb	836.3	31.1	03-Aug	81.8	5.2

# REPORT FOR LIHOU

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	10.9	12.6	18th	8.2	3.4	3rd			
FEB	10.5	12.7	10th	7.0	3.5	16th			
MAR	10.3	13.0	15th	7.4	4.8	3rd			
APR	11.9	19.4	26th	7.8	1.5	6th	54.4	14.4	18th
MAY		20.6	3rd		8.4	1st		17.4	24th
JUN									
JUL		25.0	28th					5.8	31st
AUG	19.0	22.5	30th	15.1	13.3	14th	77.6	24.6	3rd
SEP	17.7	20.3	10th	13.5	11.3	21st	58.0	18.4	2nd
OCT	14.9	19.9	12th	11.2	5.6	30th	77.6	11.2	5th
NOV	12.1	14.4	10th	9.8	6.7	29th	100.6	17.4	10th
DEC	9.4	12.4	20th	6.4	1.1	29th	74.2	32.0	13th
YEAR		25.0	28-Jul		1.1	29-Dec		32.0	13-Dec

Note:- Data missing at various times until the middle of July

### 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	10.9	12.7	27th	7.0	4.5	2nd	107.1	20.5	4th	65.7
FEB	11.0	13.1	21st	6.3	3.0	17th	42.0	12.8	25th	145.9
MAR	10.7	13.6	15th	6.2	3.0	24th	95.7	13.2	13th	125.9
APR	13.5	18.5	26th	7.1	2.1	8th	40.5	10.5	20th	252.0
MAY	17.9	24.0	7th	11.1	7.0	2nd	95.0	22.0	26th	205.8
JUN	18.4	21.1	30th	11.9	9.9	7th	29.3	26.0	2nd	310.7
JUL	21.1	28.4	28th	14.0	12.5	4th, 8th	21.0	4.8	9th	262.0
AUG	20.1	25.4	30th	14.3	12.2	16th	91.4	40.7	3rd	192.3
SEP	18.1	20.5	14th	13.1	11.8	8th	53.5	13.7	1st	197.3
OCT	14.8	21.1	12th	10.2	4.7	29th	95.4	15.7	20th	136.9
NOV	12.0	14.5	10th	8.6	5.7	29th	121.6	22.5	10th	41.3
DEC	9.2	12.3	20th	5.6	0.4	28th	57.9	12.6	2nd	101.9
YEAR	14.8	28.4	28-Jul	9.6	0.4	28-Dec	850.4	40.7	03-Aug	2037.7

### REPORT FOR ALDERNEY

MONTH	TEMPERATURE °C						BAROMETRIC PRESSURE mb			MEAN WIND SPEED 24h KT
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	MEAN	HIGHEST	LOWEST	
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM		AT 0900			
JAN	10.1	12.0	19th	7.0	2.7	2nd, 3rd	1015.3	1041.4	979.6	16.1
FEB	9.5	12.2	5th	6.0	2.7	18th	1023.7	1039.3	988.4	12.5
MAR	9.6	12.5	15th	6.0	2.9	23rd	1009.6	1037.8	968.5	15.9
APR	10.9	17.0	26th	6.7	0.3	7th	1011.1	1032.2	986.2	11.0
MAY	16.2	20.5	11th	10.9	7.6	1st	1013.4	1024.6	1000.4	10.4
JUN	16.5	20.5	9th	11.6	8.7	16th	1018.8	1026.4	1007.9	8.7
JUL	18.6	24.0	28th	13.6	10.4	13th	1015.4	1029.2	1000.3	10.6
AUG	18.1	21.3	30th	14.4	11.9	23rd	1012.9	1025.3	987.7	11.6
SEP	16.5	18.7	1st, 10th	12.7	10.4	29th	1018.2	1033.8	985.9	12.2
OCT	14.1	18.0	12th	10.4	3.9	31st	1016.4	1033.1	987.4	13.0
NOV	11.5	14.0	10th	8.7	4.7	26th	1015.4	1034.9	989.6	14.8
DEC	8.8	11.9	20th	5.3	1.2	29th	1019.1	1037.8	983.2	13.0
YEAR	13.4	24.0	28th July	9.5	0.3	7th April	1015.7	1041.4	968.5	12.5

## Guernsey Airport Meteorological Office – Annual Report 2008



The cloudless skies and slight haze are reminiscent of a warm summer day in Guernsey. But this is February 2008 – the sunniest February on record. Sadly, cloudless skies were not a notable feature of the summer that was to follow.

Photo credit: Dave Cunningham



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2008																		
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	mm	hrs				
TUE	1	1023.3	9.2	5.1	7.2	3.0	8.4	9.3	160	08	7.9	24	NIL	5.1	Cloudy bec mainly fair. Dew mid am			
WED	2	1011.8	<u>6.4</u>	2.3	4.4	1.7	7.6	9.4	110	16	15.7	29	TR	0.1	Fair or fine bec cloudy			
THU	3	994.7	6.5	<u>2.1</u>	<u>4.3</u>	1.5	<u>7.1</u>	9.3	080	18	12.9	25	0.3	NIL	Cloudy bec mist. Tempo slt drzl am. Rain late			
FRI	4	1002.0	10.0	6.4	8.2	4.1	7.3	9.2	140	11	13.3	42	12.5	NIL	Cloudy, mist. Rain pm. Tempo hvy rain late evng. Fine late			
SAT	5	1003.2	9.9	7.6	8.8	5.5	7.7	9.1	250	19	16.8	39	7.0	NIL	Fine bec cloudy. Shwr mid am, then rain. Tempo hvy rain evng.			
SUN	6	1013.2	11.8	5.8	8.8	-1.0	7.6	<u>8.9</u>	200	05	12.2	34	2.4	NIL	Fair/fine bec cldy. Slt rain late am. Rain/drzl & fog evng. Fine late			
MON	7	1016.6	11.1	7.0	9.1	4.7	7.8	9.0	250	24	19.8	<u>51</u>	0.9	5.4	Fair to cloudy. Squally shwrs bec fine. Tempo cloudy pm, shwr			
TUE	8	1016.8	10.7	8.4	9.6	3.9	7.9	9.0	210	19	17.3	32	1.4	5.5	Cloudy bec fair late am. Fine pm. Cloudy evng, slt rain			
WED	9	1013.7	10.4	6.1	8.3	3.7	7.8	9.0	260	18	17.8	37	0.1	2.7	Cloudy, slt shwrs bec fair. Cloudy pm			
THU	10	1005.8	11.5	8.8	10.2	6.9	8.0	<u>8.9</u>	190	22	17.3	35	<u>19.8</u>	0.2	Fair early bec cloudy Rain pm bec mod rain. Ocnl hvy rain			
FRI	11	989.1	10.3	5.2	7.8	7.6	8.5	9.0	200	21	17.8	41	2.4	3.5	Cloudy, hvy rain mid am bec mod rain. Bec fair. Rain by evng			
SAT	12	1010.9	10.2	6.2	8.2	3.5	7.9	9.1	250	11	15.6	32	5.1	1.4	Fine bec cloudy, shwrs. Rain evng. Drzl later			
SUN	13	1005.4	10.2	7.8	9.0	7.3	8.3	9.0	170	15	18.9	39	0.6	NIL	Cloudy, tempo rain evng bec fair.			
MON	14	999.2	10.9	7.2	9.1	6.0	8.2	9.1	210	21	18.4	41	11.5	5.4	Fine early. Tempo cldy am, shwrs then fair. Cldy by evng. Rain l8			
TUE	15	<u>985.2</u>	11.3	6.9	9.1	7.4	8.4	9.1	190	24	19.5	43	14.6	NIL	Cldy, rain/drzl bec mod rain. Tempo hvy rain pm. Shwrs evng			
WED	16	992.1	10.0	6.7	8.3	4.3	8.4	9.2	220	10	15.0	33	1.2	3.7	Fair to cloudy. Shwrs early, lghtng. Shwrs early pm. Cloudy evng			
THU	17	1003.9	11.6	7.8	9.7	5.0	8.2	9.2	180	17	18.0	37	1.2	0.1	Cloudy, rain & drzl mid am. Mist. Tempo slt drzl pm. Ocnl fair evng			
FRI	18	1015.6	12.1	9.3	10.7	6.9	8.6	9.3	220	19	18.2	35	0.2	0.8	Fine bec haze then cloudy, mist. Rain/drzl. Fog patches am			
SAT	19	1024.9	12.0	<u>11.0</u>	<u>11.5</u>	<u>10.4</u>	9.3	9.3	240	16	16.5	32	TR	NIL	Cloudy, mist am. Ocnl slt drzl. Cloudy pm			
SUN	20	1027.0	11.9	10.2	11.1	9.5	9.5	9.3	230	16	14.0	25	NIL	0.1	Cloudy			
MON	21	1019.7	11.3	8.7	10.0	6.7	9.5	9.5	210	17	19.2	<u>51</u>	3.7	NIL	Cloudy, tempo fair mid am. Slt rain early pm. Hvy rain later			
TUE	22	1026.8	10.5	6.8	8.7	4.0	9.3	9.5	----	<u>00</u>	9.0	38	TR	0.1	Cloudy, slt shwr early.			
WED	23	1028.9	11.1	10.2	10.7	8.7	9.5	9.6	210	12	11.4	22	TR	NIL	Cloudy, mist. Slt drzl early. Cloudy			
THU	24	1028.4	10.6	6.4	8.5	9.0	<u>9.6</u>	9.6	260	13	11.5	26	TR	3.0	Cloudy, ocnl slt drzl & rain am. Bec fine pm			
FRI	25	<u>1041.8</u>	9.9	4.4	7.2	-2.3	8.7	<u>9.8</u>	250	12	10.3	22	NIL	6.1	Fine bec fair. Tempo cloudy mid am. Dew late			
SAT	26	1039.8	9.6	4.8	7.2	-1.7	8.5	9.6	250	04	5.6	14	NIL	6.2	Fine, dew bec fair.			
SUN	27	1037.0	<u>12.5</u>	4.1	8.3	-3.2	7.8	9.6	310	03	4.1	14	NIL	<u>8.3</u>	Fair, dew early. Shallow fog mid am & evng. Fine			
MON	28	1035.8	9.6	5.0	7.3	<u>-3.7</u>	7.4	9.5	230	03	<u>3.8</u>	10	NIL	NIL	Fair or fine bec cloudy			
TUE	29	1030.0	9.0	7.1	8.1	5.3	7.7	9.3	240	03	5.1	18	4.6	NIL	Cloudy			
WED	30	1030.8	9.0	5.0	7.0	4.0	7.9	9.2	330	15	12.5	30	0.2	7.3	Cloudy, rain/drzl early. Tempo mod rain. Bec fair			
THU	31	1015.8	9.9	5.2	7.5	1.7	7.7	9.2	220	<u>26</u>	<u>22.9</u>	48	6.0	NIL	Fine bec cloudy. Rain mid am. Rain/drzl late am. Tempo hvy rain			
MEAN		1015.8	10.4	6.6	8.5	4.2	8.3	9.3	SW	14.1	14.1	TOTAL	95.7	65.0				
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
			19	14	0	0	0	1	0	5	3	0	0	12				
RECORDS FROM JANUARY 1947																		
WETTEST DAY		35.8mm	DRIEST MONTH		15.4mm	LOWEST MIN		-7.8°C	WARMEST MNTH		9.0°C	SUNNIEST MNTH		112.8hrs	RAINFALL	95.7 mm	SUNSHINE	65.0 hrs
DAY/YEAR		11th/2001	YEAR		1992	DAY/YEAR		20th/1963	YEAR		2007	YEAR		1998	RAIN DAYS	19	SUNLESS DAYS	12
WETTEST MNTH		210.0mm	HIGHEST MAX		13.3°C	LOWEST GRASS		-10.0°C	COLDEST MONTH		1.5°C	DULLEST MNTH		26.0hrs	WET DAYS	14		
YEAR		2001	DAY/YEAR		4th/48,9th/07	DAY/YEAR		29th/1947	YEAR		1963	YEAR		1966				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - FEBRUARY 2008															
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	mm	hrs	
FRI	1	1002.9	9.0	3.6	6.3	4.1	7.9	<u>9.1</u>	290	12	16.0	39	2.0	3.8	Cloudy, rain early bec fair. Shwrs pm, hail
SAT	2	1018.5	8.6	3.8	6.2	-0.7	7.3	<u>9.1</u>	280	10	12.4	30	NIL	5.1	Fair or fine, slt shwrs. Ocnl cloudy
SUN	3	1001.7	8.7	5.0	6.9	3.7	7.1	9.0	150	<u>22</u>	20.0	40	5.5	NIL	Fair bec cloudy. Rain evng
MON	4	<u>1000.7</u>	9.9	4.3	7.1	1.8	7.1	8.9	260	15	15.8	<u>42</u>	5.8	5.7	Rain early, tempo hvy rain bec fair. Slt shwrs. Rain late
TUE	5	1003.7	<u>12.5</u>	7.3	<u>9.9</u>	6.1	7.7	8.8	220	21	<u>21.1</u>	<u>42</u>	0.1	2.0	Cloudy, rain. Tempo hvy rain early. Ocnl fair pm. Lghtng evng
WED	6	1025.6	10.8	4.4	7.6	6.0	8.3	8.8	290	14	12.6	<u>42</u>	NIL	7.6	Fair or fine
THU	7	1034.5	8.9	6.1	7.5	-1.7	8.1	8.9	180	10	8.2	17	NIL	NIL	Fair/fine, dew bec cldy. Tempo fog mid am. Fine late evng, dew
FRI	8	1031.5	9.6	6.5	8.1	3.5	7.9	8.9	160	10	8.5	17	NIL	9.0	Fine, dew early. Ocnl fair pm
SAT	9	1029.7	9.9	6.3	8.1	2.2	7.9	8.9	140	12	9.3	19	NIL	8.8	Fine, slt dew early. Ocnl fair late evng
SUN	10	1032.1	11.6	3.9	7.7	-2.6	7.6	8.9	120	04	5.3	12	NIL	8.5	Fair bec fine, dew. Mainly fair pm. Dew evng
MON	11	1031.0	10.9	3.8	7.4	-1.6	7.3	8.9	100	06	9.1	20	NIL	9.3	Fine, dew early
TUE	12	1032.7	10.9	4.9	7.9	-0.6	7.3	8.8	090	09	8.7	17	NIL	9.0	Fine, dew late
WED	13	1034.6	11.1	4.8	8.0	-3.5	7.2	8.8	080	10	10.6	21	NIL	9.3	Fine, dew early. Ocnl haze
THU	14	1034.7	7.9	5.0	6.5	1.1	7.3	8.7	070	13	13.8	28	NIL	7.5	Fine, dew bec mist or haze. Tempo fair am bec cloudy late evng
FRI	15	1034.3	<u>6.2</u>	3.9	5.1	3.0	7.3	8.6	070	16	15.6	28	NIL	3.6	Cloudy, haze bec fair. Tempo fine early pm bec cloudy. Fair late
SAT	16	<u>1038.6</u>	6.5	2.1	4.3	-0.4	7.0	8.6	080	15	14.0	27	NIL	9.2	Fair bec fine
SUN	17	1036.6	7.1	<u>0.7</u>	<u>3.9</u>	<u>-3.7</u>	6.4	8.5	090	10	8.6	20	NIL	<u>9.4</u>	Fine, ocnl dry air pm
MON	18	1032.0	9.8	2.3	6.1	-1.3	<u>6.3</u>	8.4	100	07	8.5	20	NIL	9.0	Fine, slt dew early bec haze
TUE	19	1022.4	8.9	3.7	6.3	-0.3	<u>6.3</u>	8.4	090	10	7.4	17	NIL	6.5	Fine, haze. Dew early. Bec fair pm. Cloudy evng bec fine
WED	20	1019.3	11.2	4.9	8.1	0.1	6.6	<u>8.2</u>	150	<u>02</u>	<u>4.2</u>	09	0.1	3.8	Fine, dew bec cldy. Mist. Fair, tempo fine pm. Shallow fog evng
THU	21	1025.8	11.3	5.9	8.6	-0.7	7.1	<u>8.2</u>	240	12	11.1	22	NIL	4.3	Fine, mist & dew bec cloudy. Ocnl drzl & fog am. Fair pm
FRI	22	1028.4	11.2	8.6	<u>9.9</u>	7.1	7.9	<u>8.2</u>	250	14	15.1	27	0.2	NIL	Fair bec cloudy. Tempo slt drzl pm
SAT	23	1029.5	10.2	<u>8.7</u>	9.5	8.2	8.4	8.4	210	11	7.2	18	NIL	NIL	Overcast, mist. Ocnl drzl early, fog. Fair late, dew
SUN	24	1018.2	10.4	7.2	8.8	4.9	8.4	8.4	150	09	8.5	16	0.2	0.8	Fair/fine, dew bec cloudy. Haze. Tempo dri & rain pm. Fog evng
MON	25	1023.0	10.7	2.9	6.8	<u>-3.7</u>	8.1	8.6	140	08	9.0	25	9.7	4.2	Fine, dew. Slt hoar frost. Bec fair. Cldy pm, fog ptch. Slt rain evng
TUE	26	1010.4	11.5	7.9	9.7	<u>8.4</u>	8.6	8.7	260	15	17.0	30	0.1	6.7	Cloudy, rain. Ocnl mod rain. Mist or fog mid am bec fair
WED	27	1020.1	9.1	6.5	7.8	2.3	8.7	8.8	220	07	7.9	19	<u>13.9</u>	NIL	Cldy, slt shwr early. Rain pm, mod rain. Rain/drzl evng. Ocnl fog
THU	28	1018.6	10.8	8.3	9.6	7.7	8.8	8.9	240	11	8.2	19	1.2	NIL	Rain or drzl. Fog, ocnl thick fog. Mist pm. Fog evng
FRI	29	1020.4	10.5	6.2	8.4	2.7	<u>9.0</u>	8.9	240	12	14.2	39	TR	0.8	Cloudy, mist bec fair. Cloudy by late am. Tempo slt rain pm
	MEAN	1023.8	9.9	5.2	7.5	1.8	7.6	8.7	E	11.3	11.3	TOTAL	38.8	143.9	
	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	
	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	
			8	6	0	2	0	1	0	12	8	2	0	6	TOTALS FOR YEAR TO DATE
			RECORDS FROM JANUARY 1947												
	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	140.9hrs 1959	RAINFALL 134.5 mm	SUNSHINE 208.9 hrs			
	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	RAIN DAYS 27	SUNLESS DAYS 18			
											WET DAYS 20				



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2008															
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	mm	hrs	
SAT	1	1016.9	11.8	8.8	10.3	6.9	9.1	9.0	300	19	21.4	44	0.6	7.9	Cloudy, slt rain early bec fine. Ocnl fair pm. Cloudy, drzl & fog late
SUN	2	1017.2	11.1	9.5	10.3	7.3	9.5	9.1	260	18	16.3	32	2.2	NIL	Cloudy, drzl & fog early. Ocnl drzl pm. Fog patches. Ocnl fog evng
MON	3	1019.1	9.7	3.4	6.6	3.0	9.3	9.2	280	13	16.4	36	4.1	4.2	Cloudy, slt shwr early bec fair. Shwrs. Hail shwr pm. Hvy shwr
TUE	4	1026.0	8.0	3.5	5.8	1.2	8.4	9.2	360	15	16.0	33	NIL	10.1	Fair, ocnl cloudy early. Shwrs, hail bec fair or fine
WED	5	1037.8	8.0	2.0	5.0	-3.0	7.9	9.2	020	08	7.9	23	TR	9.0	Fine bec cloudy by evening
THU	6	1029.5	10.1	6.6	8.4	2.3	8.2	9.1	290	12	12.1	24	0.2	0.1	Cloudy, ocnl slt shwrs
FRI	7	1015.8	10.2	6.5	8.4	6.0	8.4	9.1	290	15	13.1	30	0.2	6.0	Cloudy, rain mid am. Shwrs. Bec fine pm
SAT	8	1011.2	10.5	5.3	7.9	1.4	8.4	9.2	220	16	14.2	29	6.8	0.1	Fair bec cldy. Tempo slt drzl late am. Rain & drzl. Tempo hvy rain late
SUN	9	999.7	9.8	5.7	7.8	4.5	8.6	9.1	260	14	14.7	35	13.6	6.7	Rain early bec fair. Ocnl cloudy, shwrs. Rain late
MON	10	974.4	10.0	5.6	7.8	3.2	8.4	9.0	240	30	32.3	64	5.4	2.0	Cldy, rain. Tempo hvy rain. Gale mid am. Ocnl fair am. Gale pm, shwrs
TUE	11	992.8	11.7	7.4	9.6	5.4	8.3	9.0	240	18	23.5	52	4.8	NIL	Gale early. Rain or drzl. Tempo fog am. Mist pm. Drzl evng. Rain
WED	12	1008.0	10.3	5.6	8.0	3.3	8.6	9.0	280	32	25.3	49	0.3	10.0	Fair, ocnl cldy mid am. Shwrs. Hvy rain/hail shwr, squall. Ocnl fine pm
THU	13	1017.6	10.7	7.4	9.1	5.1	8.6	9.0	220	10	14.6	33	11.6	NIL	Cloudy, shwrs early. Rain late am. Mod rain pm. Rain/drzl/fog patches
FRI	14	1013.8	13.5	9.1	11.3	9.5	9.0	9.0	230	12	11.0	29	0.3	2.1	Cloudy. Drzl mid am. Ocnl fog bec mist. Fair early pm bec cloudy
SAT	15	1004.9	13.5	8.2	10.9	5.1	9.3	9.0	130	07	8.2	19	8.7	0.5	Cloudy bec rain. Mod rain early pm. Tempo fog
SUN	16	1000.4	9.7	7.6	8.7	6.8	9.5	9.1	270	18	14.9	30	2.1	NIL	Cloudy, slt rain early. Ocnl hvy rain late am. Cloudy pm
MON	17	1017.3	8.4	5.9	7.2	5.1	9.0	9.2	070	08	11.5	25	0.2	0.2	Cloudy. Ocnl slt rain am. Tempo fine late, dry air
TUE	18	1020.2	8.1	4.5	6.3	1.5	8.8	9.2	040	13	12.1	23	TR	5.6	Cloudy, slt rain/hail shwr early bec fair. Bec cloudy pm
WED	19	1024.1	8.1	4.9	6.5	2.0	8.5	9.3	020	13	9.3	24	NIL	9.9	Cloudy, dry air bec fair or fine. Shwr late
THU	20	1024.6	9.4	4.3	6.9	-1.1	8.4	9.3	280	09	16.4	39	0.1	2.0	Cloudy bec fair or fine. Cloudy again. Slt rain evng
G.FRI	21	997.1	10.1	5.3	7.7	7.1	8.7	9.2	300	26	24.7	47	1.0	5.8	Cldy, slt rain early. Tempo gale mid am. Fair, ocnl cldy. Rain/hail shwrs
SAT	22	999.2	6.5	3.8	5.2	1.4	8.2	9.2	350	20	21.0	41	0.1	0.9	Mainly cloudy. Rain/hail shwrs early. Fair evng. Hail shwr late. Dry air
E.SUN	23	1005.4	8.3	2.9	5.6	-0.9	7.3	9.2	280	12	12.9	30	8.7	2.0	Fair bec mainly cloudy. Hail shwr then rain. Ice pellets. Tempo fair pm
E.MON	24	1004.0	8.3	4.9	6.6	2.5	7.2	8.9	310	14	15.1	28	0.3	2.1	Cloudy. Slt rain late am. Tempo fair pm. Fine later
TUE	25	1012.0	9.1	4.8	7.0	1.4	7.4	8.8	320	13	12.1	26	1.8	8.2	Fair or fine, tempo cloudy am. Cloudy late evng. Slt shwr
WED	26	1001.0	8.5	5.7	7.1	3.2	7.9	8.7	200	07	11.6	28	12.0	0.5	Cloudy rain early. Hvy rain late am. Hail shwr. Fair evng
THU	27	1002.4	10.4	4.0	7.2	0.0	7.7	8.7	360	06	8.5	24	1.7	10.2	Fair, slt shwrs early. Hail. Cloudy late
FRI	28	998.3	11.3	4.8	8.1	0.2	8.2	8.7	190	15	19.7	43	4.8	3.8	Cloudy. Rain or drzl. Mist. Temp hvy rain late am. Shwrs pm. Hail late
SAT	29	1012.4	11.4	5.8	8.6	4.0	8.4	8.8	190	14	16.8	33	9.5	2.9	Fair bec cloudy late am. Rain late, tempo hvy rain
SUN	30	1001.3	12.1	7.4	9.8	6.6	8.5	8.8	210	07	10.7	27	3.4	6.8	Hvy rain early. Fair late am. Tempo cloudy pm, slt shwrs
MON	31	1010.7	10.6	6.6	8.6	5.2	8.8	8.9	280	20	14.5	31	0.3	3.9	Fair bec cloudy. Hvy shwr early. Shwry rain am. Ocnl fair pm
MEAN		1010.2	10.0	5.7	7.9	3.4	8.5	9.0	W	14.6	15.4	TOTAL	104.8	123.5	
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	
		25	17	0	10	0	0	0	3	6	0	4	4		
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 239.3 mm SUNSHINE 332.4 hrs					
DAY/YEAR	28th/1960	YEAR	1961	DAY/YEAR	10th/11th/1958	YEAR	1957	YEAR	1973	RAIN DAYS 52 SUNLESS DAYS 22					
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 37					
YEAR	2001	DAY/YEAR	29th/1965	DAY/YEAR	3rd/1965	YEAR	1962	YEAR	1964						

## METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - APRIL 2008

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	mm	hrs	
TUE	1	1022.7	12.5	7.7	10.1	5.4	9.0	8.9	260	20	16.5	31	NIL	8.1	Fair bec cloudy, slt drzl. Thick fog am bec fair. Mist & dew later
WED	2	1029.5	11.3	8.6	10.0	6.4	9.6	9.1	280	15	15.8	28	NIL	NIL	Fair, mist & dew bec cloudy. Tempo fog am. Ocni thick fog pm
THU	3	1032.1	14.6	8.1	11.4	4.8	9.7	9.1	020	07	6.8	17	NIL	10.5	Fine, dew. Tempo mist mid am. Dew evng bec cloudy. Fair late
FRI	4	1031.2	13.8	7.6	10.7	0.9	10.0	9.3	200	04	6.3	15	TR	9.8	Fine, dew. Shallow fog mid am. Fog patches. Adj fog.
SAT	5	1018.6	10.5	6.5	8.5	5.3	10.1	9.4	280	13	11.9	22	1.1	5.7	Cloudy, tempo slt drzl early. Fair pm, ocni dry air
SUN	6	1008.3	7.2	0.7	4.0	-0.4	9.7	9.5	330	22	11.9	33	1.1	8.4	Fair, ocni cloudy, shwrs. Ocni hail. Tempo snow shwrs pm
MON	7	1006.8	7.8	3.0	5.4	-0.5	8.8	9.6	300	09	6.8	21	TR	10.7	Fair or fine. Slt shwr pm.
TUE	8	1004.4	9.1	0.8	5.0	-5.4	8.2	9.5	060	05	4.0	15	NIL	11.4	Fine, slt hoar frost bec fair. Fine pm, dry air
WED	9	1000.7	9.8	2.9	6.4	-4.8	7.9	9.5	070	05	5.1	19	NIL	9.7	Fine, slt hoar frost mid am bec fair. Fine evng
THU	10	1000.3	11.0	3.9	7.5	-3.9	7.9	9.3	260	04	6.0	17	1.6	11.3	Fine, slt hoar frost. Ocni fair. Cloudy late evng, shwrs
FRI	11	1000.7	11.2	5.9	8.6	2.1	8.2	9.2	260	13	17.3	36	6.5	9.1	Fine bec fair. Shwrs, tempo hail am. Hvy shwr late
SAT	12	1007.8	11.9	5.7	8.8	3.6	8.4	9.2	250	14	13.4	33	2.1	10.7	Cloudy, hvy shwr early bec fair. Shwr mid am, hail. Slt shwrs pm
SUN	13	1010.3	11.5	5.9	8.7	2.7	8.9	9.2	250	06	11.3	24	0.1	9.2	Fair, ocni cloudy am. Shwrs, tempo hail early. Ocni fine late
MON	14	1020.4	11.3	6.7	9.0	4.5	9.1	9.3	310	10	11.5	23	NIL	10.9	Fair bec fine late am
TUE	15	1024.9	11.6	4.3	8.0	-1.4	9.2	9.3	080	08	5.9	14	NIL	11.5	Fine, dew bec fair. Fine pm
WED	16	1019.4	12.7	3.9	8.3	1.4	9.3	9.3	090	14	11.1	26	NIL	11.7	Cloudy bec fair. Ocni fine pm. Dry air
THU	17	1002.8	10.4	5.4	7.9	3.7	9.8	9.4	080	24	22.6	41	3.4	11.1	Fine, dry air bec fair. Cloudy late evng. Slt rain late
FRI	18	991.2	11.1	6.9	9.0	5.6	9.6	9.5	080	17	18.4	37	8.6	NIL	Cloudy, slt rain. Mod rain mid am. Ocni rain pm. Hvy rain late
SAT	19	992.9	13.9	7.9	10.9	7.4	9.8	9.6	120	05	7.5	25	0.1	4.2	Hvy rain early. Cloudy, mist. Fog patches late am. Be fair pm
SUN	20	998.3	13.1	8.8	11.0	5.9	10.4	9.7	070	13	10.3	22	9.9	2.6	Mainly cloudy. Tempo slt rain am. Fair early pm. Shwrs evng
MON	21	999.6	10.4	8.7	9.6	6.4	10.8	9.8	040	13	11.7	28	7.9	NIL	Cldy, mist bec rain. Ocni mod rain. Fog patch. Mist pm, drzl & rain
TUE	22	1010.5	14.7	7.7	11.2	5.5	10.5	9.9	330	06	5.8	14	2.9	9.5	Cloudy, mist bec fair, haze. Mist & dew late evng, rain late
WED	23	1019.0	13.6	8.8	11.2	6.7	11.5	10.0	270	14	9.7	24	TR	11.6	Mod rain early, fog patch bec fair. Tempo cloudy. Fog patch later
THU	24	1021.8	14.2	8.7	11.5	6.1	11.9	10.2	220	16	12.9	26	NIL	9.3	Fair or fine, dew bec cloudy. Slt rain mid am, then fair
FRI	25	1030.1	14.9	9.2	12.1	7.2	12.1	10.5	180	08	7.3	16	NIL	9.4	Cloudy, mist bec fair. Tempo haze am
SAT	26	1025.0	18.0	8.9	13.5	5.4	12.3	10.6	140	10	7.3	17	0.2	9.7	Fair, dew early. Ocni dry air. Cloudy evng
SUN	27	1015.6	14.3	9.2	11.8	8.9	12.8	10.8	300	09	8.5	24	0.1	1.7	Mainly cloudy. Lghtng mid am. T&L, rain. Ocni mist. Fog patches
MON	28	1008.0	12.3	7.7	10.0	6.8	12.4	10.9	280	12	10.6	26	3.3	7.5	Cloudy bec fair. Ocni cloudy, slt shwrs late am. Shwrs later
TUE	29	995.7	11.2	6.8	9.0	5.7	12.1	11.0	160	17	14.0	31	6.0	3.1	Cloudy, shwrs. Rain am, tempo hvy rain late am. Ocni fair
WED	30	989.7	12.3	6.1	9.2	4.2	11.5	11.1	280	16	15.4	36	TR	9.5	Fair to cloudy, shwrs. Hvy shwr mid am. Mainly fair pm
MEAN		1011.3	12.1	6.4	9.3	3.5	10.1	9.7	W	11.6	10.8	TOTAL	54.9	237.9	
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	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	12	1	4	1	1	0	6	7	2	0	3		
RECORDS FROM JANUARY 1947															
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	RAINFALL	294.2 mm	SUNSHINE	570.3 hrs		
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	RAIN DAYS	65	SUNLESS DAYS	25		
										WET DAYS	49				



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2008																	
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	mm	hrs			
THU	1	1007.6	13.0	7.6	10.3	5.4	11.6	11.2	230	13	9.1	20	0.7	10.3	Fair, slt shwrs early. Ocnl cloudy evng, slt shwrs		
FRI	2	1020.5	13.9	7.7	10.8	4.3	12.0	11.2	200	08	7.4	15	NIL	10.2	Fine, dew bec fair. Tempo cloudy am. Mainly cloudy evng		
SAT	3	1020.1	20.5	10.7	15.6	8.4	12.5	11.2	120	12	9.2	22	TR	1.8	Mainly cloudy. Ocnl dry air pm		
SUN	4	1019.5	19.8	11.4	15.6	13.0	13.1	11.3	120	08	8.3	24	4.9	0.1	Cloudy. Tempo slt rain. Mist later, fog patch		
B.HOL	5	1024.0	15.0	10.5	12.8	9.9	13.0	11.5	040	06	9.1	22	0.5	NIL	Cloudy, slt T&L early. Mod rain mid am. Ocnl rain. Mist am		
TUE	6	1020.9	19.4	11.3	15.4	8.3	12.8	11.4	100	09	9.8	19	NIL	13.6	Cloudy bec fair or fine.		
WED	7	1017.5	21.9	12.2	17.1	7.9	13.5	11.6	140	05	8.0	20	NIL	13.0	Fine. Dry air. Bec fair by evng		
THU	8	1010.7	19.3	13.4	16.4	11.0	14.1	11.8	120	10	9.7	21	6.1	7.2	Fair, tempo fine early bec cldy pm. Rain, ocnl mod rain. Fog evng.		
LIB.D	9	1012.2	16.0	11.0	13.5	11.6	14.4	12.0	020	06	8.2	21	TR	1.5	Cloudy, mist tempo drzl. Fog patches early. Mist or haze pm.		
SAT	10	1016.9	19.9	13.2	16.6	11.3	14.6	12.2	120	04	7.2	17	NIL	7.4	Fair to cloudy		
SUN	11	1017.9	21.2	13.2	17.2	11.1	15.0	12.4	030	11	7.7	15	NIL	11.8	Fair, tempo cloudy mid am. Ocnl dry air pm. Ocnl fine		
MON	12	1017.0	20.5	11.3	15.9	9.7	15.5	12.6	050	10	10.1	20	NIL	14.2	Fine. Dry air		
TUE	13	1015.1	17.0	11.6	14.3	10.5	15.7	12.8	050	17	16.1	31	TR	10.1	Fair bec fine. Bec fair pm. Ocnl cloudy late		
WED	14	1011.8	14.9	10.7	12.8	10.0	15.6	13.1	070	16	13.0	31	6.2	1.1	Mainly cloudy. Lghtng early. Shwrs. Hvy shwrs pm. Haze		
THU	15	1009.4	15.1	10.7	12.9	11.7	15.4	13.2	280	06	5.6	17	1.8	5.1	Cloudy, mist. Ocnl fog. Adj fog. Ocnl fair pm. Thick fog late		
FRI	16	1008.1	14.4	10.0	12.2	11.9	15.4	13.2	040	05	5.8	14	8.6	0.6	Thick fog early. Shwrs. Lghtng early. Adj fog. Hvy shwr evng		
SAT	17	1006.1	13.3	11.0	12.2	11.9	15.1	13.3	160	04	5.4	15	1.4	0.2	Mist, fog patches am. Ocnl rain. Slt shwrs pm		
SUN	18	1011.6	12.9	10.0	11.5	10.8	14.8	13.4	060	16	15.5	34	TR	4.1	Cloudy, slt rain early, mist. Bec fair pm. Fine evng		
MON	19	1016.5	12.8	8.2	10.5	7.1	14.3	13.4	050	16	14.5	26	NIL	13.6	Fine bec fair. Fine evng		
TUE	20	1017.4	14.9	8.6	11.8	6.5	14.2	13.3	080	10	10.9	20	NIL	10.6	Fine bec cloudy. Fine late am		
WED	21	1015.2	17.8	7.7	12.8	4.6	14.6	13.3	140	06	7.4	17	TR	13.2	Fine nec fair. Dry air pm		
THU	22	1012.6	15.1	11.0	13.1	9.1	15.4	13.4	130	07	6.1	14	0.6	1.0	Fair bec cloudy. Slt rain mid am. Ocnl rain early pm		
FRI	23	1011.3	18.7	9.3	14.0	5.2	15.2	13.4	140	04	8.5	26	TR	9.0	Cloudy bec fair. Adj fog. Bec cloudy by evng. Shwrs later		
SAT	24	1005.0	14.5	12.1	13.3	11.0	15.6	13.6	050	14	15.4	33	19.4	NIL	Cloudy, slt shwrs am. Mod rain pm, tempo hvy rain evng		
SUN	25	1008.9	17.3	11.4	14.4	11.0	15.0	13.7	140	11	10.7	26	17.3	8.9	Cloudy, rain & mist early bec fair. Cloudy by evng. Rain later		
B.HOL	26	1000.1	17.7	11.4	14.6	11.7	15.4	13.7	080	12	12.3	30	9.5	4.9	Rain/mist, tempo hvy rain. Ocnl fog am. Fair pm. Shwrs evng, lghtng		
TUE	27	1009.3	16.7	11.0	13.9	9.7	15.6	13.8	080	06	9.5	23	14.5	5.7	Fair bec cloudy. Adj fog. Ocnl fair. Tempo fog evng. Rain later		
WED	28	1001.4	14.6	10.8	12.7	12.7	15.8	13.8	320	06	9.1	30	1.7	1.7	Rain or drzl & fog. Ocnl mod rain. Hvy rain mid am. Tempo fair pm		
THU	29	1011.4	19.2	10.6	14.9	7.1	15.3	14.0	060	12	6.6	18	TR	4.8	Fair bec cloudy late am. Slt shwr evng		
FRI	30	1013.7	16.8	11.3	14.1	10.4	15.9	14.1	060	08	6.8	17	NIL	7.5	Cloudy, ocnl fog am bec fair. Adj fog. Tempo thick fog evng		
SAT	31	1017.1	18.9	10.8	14.9	7.9	16.0	14.1	040	05	5.9	13	NIL	12.8	Fair, dew early.		
MEAN		1013.1	16.9	10.7	13.8	9.4	14.6	12.8	NE	9.1	9.3	TOTAL	93.2	206.0			
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	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		14	11	0	0	2	4	0	0	10	3	0	2				
RECORDS FROM JANUARY 1947																	
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	RAINFALL 387.4 mm SUNSHINE 776.3 hrs							
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	RAIN DAYS 79 SUNLESS DAYS 27							
WET DAYS 60																	

## METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JUNE 2008

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	mm	hrs				
SUN	1	1014.5	19.8	11.6	15.7	9.0	16.4	14.2	050	08	5.9	17	1.4	11.8	Fair, dew early. Haze am. Bec cloudy evng			
MON	2	1012.0	14.6	12.1	13.4	12.1	16.7	14.3	020	08	11.7	26	31.0	NIL	Haze. Rain mid am bec mod rain. Mist. Fog patches pm. Thick fog evng			
TUE	3	1015.8	15.1	11.7	13.4	11.9	15.5	14.4	290	16	15.0	28	NIL	6.6	Rain & mist to mid am. Bec fair pm			
WED	4	1019.6	15.7	9.3	12.5	4.6	15.4	14.5	230	08	5.9	12	0.2	11.4	Fair or fine, dew. Tempo shallow fog. Ocnl cloudy pm			
THU	5	1017.1	16.1	10.9	13.5	9.9	15.7	14.5	210	09	9.0	19	TR	8.1	Cloudy, rain & drzl mid am. Tempo drzl bec fair late am. Fine by evng			
FRI	6	1020.2	15.6	9.2	12.4	5.2	15.5	14.4	280	14	12.4	25	NIL	14.0	Fine, dew early			
SAT	7	1022.6	15.4	9.5	12.5	6.9	15.5	14.5	300	14	10.9	19	NIL	14.9	Fine, dew early & late			
SUN	8	1024.5	17.8	10.3	14.1	5.0	15.5	14.5	350	11	9.9	22	NIL	13.5	Fine, dew early bec fair. Tempo cloudy am. Fine pm			
MON	9	1025.9	20.8	12.2	16.5	9.2	15.8	14.5	360	05	6.2	16	NIL	14.0	Fine, dew bec fair. Fine evng, dew later			
TUE	10	1025.2	19.5	13.4	16.5	8.7	16.4	14.6	350	06	8.0	16	NIL	14.4	Fine, dew early. Fair evng			
WED	11	1026.4	18.2	13.0	15.6	10.8	16.9	14.7	030	09	10.0	20	0.4	13.7	Fair bec fine. Fair evng			
THU	12	1019.5	16.0	11.3	13.7	11.7	17.3	14.8	310	13	11.7	23	NIL	12.6	Fair, dew bec cloudy. Tempo drzl & rain mid am bec fine			
FRI	13	1019.7	15.4	10.2	12.8	6.0	16.8	15.0	340	06	6.6	15	NIL	12.3	Fair, tempo cloudy am. Fine late am. Fair evng			
SAT	14	1018.4	15.9	9.6	12.8	4.8	16.7	15.2	270	08	8.3	17	NIL	4.4	Fair bec cloudy. Ocnl fair			
SUN	15	1012.9	15.9	10.5	13.2	7.8	16.5	15.2	280	05	5.1	15	NIL	12.2	Cloudy bec fair. Fine eveng			
MON	16	1010.8	17.0	9.1	13.1	2.8	16.4	15.2	050	07	5.9	16	NIL	14.9	Fine, dew early. Ocnl dry air			
TUE	17	1014.5	16.7	9.4	13.1	2.0	16.4	15.3	310	09	9.0	22	NIL	15.2	Fine, dew early. Shallow fog patches. Fair bec fine pm. Fair later			
WED	18	1015.3	17.7	12.3	15.0	10.3	16.5	15.2	200	14	11.5	28	1.7	5.6	Fair, slt dew early becoming cloudy. Ocnl fair. Slt rain late			
THU	19	1012.9	17.1	12.7	14.9	12.1	16.7	15.3	270	15	14.0	29	TR	13.2	Cloudy, drzl & rain early. Fog patch. Bec fine. Fair later, dew			
FRI	20	1020.3	15.5	11.5	13.5	7.9	16.9	15.3	230	05	5.1	12	TR	0.1	Fair, dew bec cloudy. Tempo slt rain			
SAT	21	1017.8	19.8	13.7	16.8	13.4	16.6	15.3	160	09	8.3	18	0.2	1.7	Mainly cloudy. Tempo slt rain or drzl midday			
SUN	22	1014.6	17.5	12.5	15.0	13.5	17.0	15.3	270	16	14.6	28	NIL	11.9	Cloudy, drzl & rain mid am bec fair			
MON	23	1021.8	16.8	10.9	13.9	7.0	16.8	15.4	360	05	5.5	15	NIL	11.6	Fine bec fair			
TUE	24	1017.1	20.9	10.1	15.5	5.7	16.7	15.4	060	05	4.3	12	NIL	12.4	Fine, dew bec fair. Cloudy later			
WED	25	1018.0	18.3	13.5	15.9	11.5	17.5	15.4	240	15	12.5	26	NIL	13.1	Cloudy bec fair. Fine pm			
THU	26	1023.3	17.6	10.2	13.9	5.1	17.0	15.6	250	10	11.3	26	TR	13.2	Fair or fine am, slt dew early. Mainly fair pm, cloudy later			
FRI	27	1022.8	18.1	14.2	16.2	12.9	17.2	15.6	250	16	16.4	31	1.3	0.8	Cloudy, slt drzl early. Slt rain evng. Drzl & fog later			
SAT	28	1022.3	17.9	14.0	15.9	14.6	16.8	15.7	280	12	11.3	24	TR	4.5	Cloudy, drzl & fog early. Fair or fine by evng. Tempo fog later			
SUN	29	1020.5	18.3	13.7	16.0	12.2	17.0	15.7	240	10	10.8	23	NIL	11.7	Fine, mist bec cloudy, tempo fog. Slt rain mid am. Bec mainly fair			
MON	30	1023.6	18.8	10.8	14.8	4.2	16.9	15.7	220	06	5.1	13	NIL	15.0	Fair or fine			
MEAN		1019.0	17.3	11.4	14.4	8.6	16.5	15.0	W	9.8	9.4	TOTAL	36.2	308.8				
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				
			7	4	0	0	0	0	0	0	5	0	0	1				
RECORDS FROM JANUARY 1947															TOTALS FOR YEAR TO DATE			
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	RAINFALL 423.6 mm	SUNSHINE 1085.1 hrs		
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	RAIN DAYS 86	SUNLESS DAYS 28		
															WET DAYS 64			



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JULY 2008																	
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	mm	hrs			
TUE	1	1013.0	21.8	11.6	16.7	6.9	17.3	15.7	140	08	7.4	18	0.9	5.9	Fine bec fair. Cloudy pm. Rain or drzl late		
WED	2	1009.9	17.7	11.5	14.6	6.0	17.2	15.8	160	08	6.0	17	8.0	3.2	Cldy, tempo fair early. Slt rain late am. Shwrs pm. Hvy shwr evng		
THU	3	1011.2	17.3	12.2	14.8	10.1	16.9	15.8	250	12	10.4	24	0.1	14.0	Fair, tempo cloudy early, shwrs. Lghtng early. Bec fine pm		
FRI	4	1015.3	16.8	11.3	14.1	6.2	16.8	15.8	130	08	9.2	25	0.7	0.7	Fair bec cloudy. Ocnl slt rain pm		
SAT	5	1010.6	18.7	14.0	16.4	12.2	16.6	15.8	210	16	15.6	30	0.6	12.0	Cloudy, slt rain early bec fair. Cloudy late evng		
SUN	6	1004.0	16.1	12.8	14.5	11.9	16.5	15.7	210	22	20.4	36	3.5	1.2	Cldy, tempo fair am. Shwr early. Ocnl rain/dzl. Fair evng. Shwr late		
MON	7	1002.2	16.7	11.9	14.3	11.1	15.6	15.6	240	18	18.9	33	0.1	4.6	Cloudy, tempo rain. Ocnl fair pm. Shwrs evng. Rain/drzl later		
TUE	8	1012.7	16.9	12.6	14.8	10.8	15.7	15.6	250	17	16.5	31	0.5	3.7	Drzl/rain early. Cloudy, ocnl fair pm		
WED	9	1013.5	17.8	13.4	15.6	11.9	15.6	15.4	210	14	12.5	25	3.0	0.1	Cloudy, ocnl rain/drzl am. Mod rain later		
THU	10	1010.1	18.4	13.9	16.2	12.9	15.9	15.5	220	11	11.2	25	0.2	5.3	Rain/drzl early bec fair. Bec cloudy pm, slt shwrs		
FRI	11	1008.2	17.3	13.1	15.2	12.0	16.1	15.4	220	13	13.4	29	0.3	7.3	Fair, ocnl cloudy. Shwrs mid & late am.		
SAT	12	1013.1	16.8	12.2	14.5	11.1	16.0	15.4	290	12	11.0	20	NIL	6.6	Cloudy, shwrs early bec fair. Ocnl cloudy, tempo fine evng		
SUN	13	1016.6	18.1	12.0	15.1	8.8	16.1	15.5	240	03	4.9	13	NIL	8.9	Cloudy bec fair. Fine later, dew		
MON	14	1024.3	18.9	10.7	14.8	4.4	16.1	15.5	200	08	7.7	16	0.2	11.1	Fine, dew bec fair. Bec cloudy evng. Mist & drzl later		
TUE	15	1029.2	18.5	14.3	16.4	15.1	16.8	15.6	240	09	11.0	24	TR	0.1	Drzl & mist bec fog then fog patches. Mist pm. Ocnl fog evng		
WED	16	1025.8	18.2	14.0	16.1	13.6	16.7	15.5	300	11	10.5	20	NIL	8.1	Cloudy, tempo drzl & mist bec fair. Cloudy late evng		
THU	17	1019.5	18.5	13.0	15.8	10.5	16.7	15.6	280	14	12.7	25	TR	8.0	Cloudy bec fair mid am. Ocnl cloudy		
FRI	18	1015.1	17.5	14.1	15.8	12.5	17.0	15.6	270	14	12.8	26	0.5	1.0	Mainly cloudy, ocnl drzl. Drzl & mist pm		
SAT	19	1012.9	18.3	14.0	16.2	13.8	16.6	15.6	260	15	15.4	28	NIL	9.5	Cldy, ocnl drzl & mist. Tempo thick fog early. Bec fair, then fine pm		
SUN	20	1020.7	18.0	12.9	15.5	9.2	16.8	15.7	350	11	10.1	24	NIL	13.4	Fine, dew. Ocnl cloudy mid am, bec fine again		
MON	21	1026.1	17.4	12.9	15.1	9.3	16.7	15.7	320	09	8.4	18	NIL	13.5	Fair or fine		
TUE	22	1028.4	19.1	11.5	15.3	5.8	16.6	15.7	320	04	4.9	12	NIL	14.8	Fine, dew early		
WED	23	1023.4	23.7	12.3	18.0	8.7	17.2	15.8	090	11	10.0	23	NIL	14.4	Fine, dew early. Dry air		
THU	24	1014.4	24.0	16.8	20.4	13.8	17.9	15.9	110	09	11.5	23	NIL	9.5	Fair or fine bec fail to cloudy pm. Dry air		
FRI	25	1011.5	20.1	15.0	17.5	14.4	18.1	15.9	220	09	7.6	21	NIL	5.6	Cloudy, mist early becoming fair. Cloudy again pm		
SAT	26	1016.6	19.9	15.1	17.5	13.8	18.2	16.0	340	04	5.0	12	NIL	11.3	Cloudy, mist mid am bec fair or fine. Adj fog. Dew later		
SUN	27	1018.7	22.3	13.1	17.7	8.0	18.0	16.2	060	03	4.5	14	NIL	13.6	Fine, dew. Shallow fog patches mid am. Fair evng		
MON	28	1013.1	23.9	14.8	19.3	11.9	18.4	16.3	110	10	8.6	30	1.7	9.0	Fair bec cloudy afternoon. Rain evening. Fine, dew late		
TUE	29	1012.8	20.6	14.8	17.7	13.0	18.3	16.4	190	13	10.4	25	NIL	10.9	Fair bec cloudy, slt shwr. Fair again		
WED	30	1017.1	22.9	15.2	19.1	12.8	18.1	16.4	160	10	8.0	18	TR	8.2	Fair, ocnl cloudy. Ocnl dry air pm		
THU	31	1012.4	20.5	15.7	18.1	14.9	18.6	16.5	160	10	8.6	26	4.5	0.6	Fair bec cldy, slt rain early. Rain late am, ocnl rain pm. Lghtng evng		
MEAN		1015.6	19.1	13.3	16.2	10.9	16.9	15.8	SW	10.8	10.5	TOTAL	24.8	236.1			
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		13	5	0	0	0	4	0	0	3	0	0	0				
RECORDS FROM JANUARY 1947														RAINFALL	448.4 mm	SUNSHINE	1321.2 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	99	SUNLESS DAYS	28				
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	69						

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2008															
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	mm	hrs	
FRI	1	1014.6	20.0	14.9	17.5	12.7	17.9	16.6	220	16	13.9	28	3.8	8.1	Fair to cloudy am, slt shwrs. Fair pm bec cloudy, drzl evng
SAT	2	1012.6	19.1	15.4	17.3	15.0	17.8	16.6	240	13	11.8	27	1.4	5.2	Cloudy, drzl & rain. Ocnl fog. Bec fair pm. Cloudy evng, drzl later
SUN	3	1014.8	<u>16.8</u>	<u>15.5</u>	16.2	14.7	17.9	16.6	230	14	11.5	24	<u>32.9</u>	NIL	Drzl & fog early. Rain pm, ocnl hvy rain. Fog patch. Drzl/rain evng
MON	4	1014.7	19.0	13.3	16.2	10.7	17.2	16.5	240	11	10.4	22	0.8	10.2	Fair or fine, tempo cloudy am, slt shwrs. Cloudy evng, rain
TUE	5	1015.5	21.3	13.8	17.6	13.7	17.7	16.5	190	10	8.5	19	TR	8.2	Cloudy early, slt rain bec fair, ocnl cloudy
WED	6	1013.1	20.0	15.0	17.5	12.2	18.1	16.6	190	07	5.9	17	0.4	3.1	Fine, dew bec cloudy. Ocnl fair. Slt rain late
THU	7	1006.9	19.0	14.8	16.9	12.7	<u>18.5</u>	16.5	170	07	8.4	19	4.5	7.8	Cldy bec fair. Cldy late am, hvy shwr. Shwrs pm bec fine by evng
FRI	8	1013.8	19.3	14.0	16.7	13.5	18.2	<u>16.7</u>	290	15	13.0	24	TR	9.3	Cloudy, ocnl fair am. Fair pm, ocnl cloudy evng. Fine later, dew
SAT	9	1016.4	18.1	12.3	15.2	9.2	18.0	16.6	210	14	11.6	27	1.7	1.9	Fine, dew bec cloudy. Slt drzl late am. Tempo fair evng. Rain late
SUN	10	1008.7	18.8	14.7	16.8	14.8	17.7	<u>16.7</u>	240	17	16.7	31	NIL	10.0	Rain, drzl & fog early bec fair. Tempo cloudy pm.
MON	11	1006.1	18.2	14.1	16.2	12.1	17.2	16.6	220	12	9.9	22	19.1	0.9	Mainly cloudy. Rain late evng. Hvy rain late
TUE	12	<u>994.2</u>	18.5	13.4	16.0	12.5	17.2	16.6	220	19	19.8	37	5.0	11.0	Hvy rain & TL early bec fair. Slt shwrs pm. Hvy shwr late
WED	13	1005.0	18.1	12.3	15.2	12.2	16.7	16.5	230	<u>22</u>	<u>20.8</u>	<u>40</u>	9.1	9.5	Fair, ocnl cloudy. Shwrs. Hvy shwr late
THU	14	1014.3	17.6	12.0	14.8	11.4	16.4	16.5	240	11	8.2	24	NIL	10.9	Fair, ocnl cloudy am. Hvy shwr mid am. Ocnl fine pm
FRI	15	1018.3	17.8	11.4	14.6	6.1	16.4	16.4	280	06	6.0	14	TR	10.7	Fine, dew bec fair. Cloudy late evng
SAT	16	1008.0	17.0	13.5	15.3	12.1	16.8	16.4	170	12	12.6	25	0.8	NIL	Cloudy, ocnl slt rain am. Rain/drzl later
SUN	17	1008.5	18.0	12.9	15.5	10.0	<u>16.3</u>	16.3	230	12	10.1	22	0.8	5.2	Cloudy, ocnl fair. Slt shwrs am. Slt rain late
MON	18	1004.3	18.0	14.6	16.3	13.2	16.9	16.2	200	20	16.8	37	4.0	2.5	Rain/drzl early. Ocnl fair am. Showers pm. Tempo rain late evng
TUE	19	1007.7	17.8	14.1	15.9	13.6	16.6	16.4	240	19	18.0	32	1.3	4.7	Cloudy, ocnl fair. Slt drzl/rain am. Shwrs pm
WED	20	1015.1	18.2	14.6	16.4	13.7	16.5	16.2	240	15	12.8	24	3.8	4.1	Cldy, slt shwrs early. Ocnl rain/drzl pm. Mod rain/drzl evng. Mist
THU	21	1016.5	18.7	14.1	16.4	13.3	16.6	<u>16.1</u>	220	10	7.6	19	TR	7.2	Cloudy bec fair. Cloudy evng. Shwrs later
FRI	22	1016.4	17.9	13.4	15.7	12.0	17.0	<u>16.1</u>	310	12	10.5	25	NIL	10.0	Cloudy bec fair or fine
SAT	23	1019.1	17.3	<u>11.2</u>	<u>14.3</u>	<u>6.0</u>	16.5	16.2	270	08	7.7	20	7.4	8.2	Fine, dew bec fair to cloudy. Slt rain late
SUN	24	1011.2	18.1	13.7	15.9	12.5	16.6	16.2	280	09	12.6	25	0.2	7.5	Cloudy, mod rain early. Rain/drzl. Fog patches am. Fair late am
B.HOL	25	1016.7	18.6	13.6	16.1	11.6	16.8	16.2	240	16	14.8	26	TR	4.6	Cldy. Tempo rain or drzl am. Bec fair pm, tempo fine. Cldy later
TUE	26	1024.0	17.9	15.1	16.5	14.4	16.9	<u>16.1</u>	260	09	10.3	20	TR	0.1	Cloudy, ocnl drzl am
WED	27	<u>1025.7</u>	17.5	14.6	16.1	15.0	16.9	16.2	270	09	9.6	16	TR	NIL	Cloudy, tempo slt drzl am
THU	28	1024.1	17.0	14.3	15.7	14.5	16.9	16.2	280	08	7.6	17	TR	NIL	Cloudy, tempo slt drzl
FRI	29	1021.2	17.7	15.0	16.4	<u>15.5</u>	17.1	<u>16.1</u>	—	<u>00</u>	<u>3.8</u>	13	TR	NIL	Cloudy, tempo slt drzl am. Fine late, dew
SAT	30	1014.7	<u>22.7</u>	14.7	<u>18.7</u>	12.9	17.2	16.2	120	07	6.8	16	TR	<u>12.6</u>	Fine, dew. Mst early bec haze. Fair late
SUN	31	1010.8	19.0	14.0	16.5	14.7	17.8	16.3	300	11	11.4	25	TR	0.1	Fair bec cldy. Lghtng. Shwr. Fog patch. Mist am. Ocnl fair evng
MEAN		1013.3	18.5	13.9	16.2	12.5	17.2	16.4	SW	12.0	11.3	TOTAL	97.0	173.6	
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		17	12	0	0	2	3	0	0	5	0	0	5		
RECORDS FROM JANUARY 1947															
WETTEST DAY DAY/YEAR	55.8mm 22nd/1973	DRIEST MONTH YEAR	3.8mm 1955	LOWEST MIN DAY/YEAR	9.2°C 28th/1986	WARMEST MNTH YEAR	19.3°C 2003	SUNNIEST MNTH YEAR	323.0hrs 1955	RAINFALL 545.4 mm		SUNSHINE 1494.8 hrs			
WETTEST MNTH YEAR	122.0mm 1951	HIGHEST MAX DAY/YEAR	34.3 9th/2003	LOWEST GRASS DAY/YEAR	0.8°C 11th/1981	COLDEST MNTH YEAR	14.3°C 1956	DULLEST MNTH YEAR	139.2hrs 1992	RAIN DAYS 116		SUNLESS DAYS 33			
										WET DAYS 81					



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2008																	
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	mm	hrs			
MON	1	1016.8	19.4	13.1	16.3	11.1	17.1	16.3	220	16	14.6	33	16.3	7.0	Fair bec cloudy pm. Rain evng		
TUE	2	1005.9	17.0	12.4	14.7	14.1	17.0	16.3	260	09	17.0	34	5.0	5.1	Rain & drzl. Tempo hvy rain, mist. Bec fair pm. Funnel cloud		
WED	3	1005.9	17.0	11.8	14.4	11.3	16.3	16.3	240	16	16.8	33	TR	9.3	Cloudy, shwrs early bec fair. Funnel cloud am. Fine pm. Fair evng		
THU	4	1002.4	16.7	13.5	15.1	11.6	16.0	16.2	210	15	15.8	31	4.9	1.9	Fair bec cloudy. Slt shwrs am. Tempo slt rain pm		
FRI	5	989.5	16.8	14.1	15.5	13.3	16.0	16.2	140	24	18.3	40	12.0	0.7	Cloudy, rain. Shwrs pm, tempo hvy shwrs		
SAT	6	997.5	16.4	13.4	14.9	11.5	15.8	16.1	220	22	19.9	36	0.6	1.3	Cloudy, slt shwrs. Tempo fair am. Mod shwr early pm		
SUN	7	1009.4	16.7	12.4	14.6	12.5	15.7	16.0	270	16	16.5	31	NIL	7.7	Cloudy, slt shwrs bec fair. Fine pm		
MON	8	1015.6	17.1	10.7	13.9	7.8	15.6	15.9	210	10	7.7	17	0.3	6.8	Fair bec cloudy. Fair late am. Cloudy evng. Fair later		
TUE	9	1008.3	17.3	15.0	16.2	12.5	16.1	15.7	130	07	9.6	20	5.6	0.9	Fair bec cldy. Slt rain becmg hvy midday. Cldy pm bec fine evng		
WED	10	1013.9	19.5	14.2	16.9	11.9	16.0	15.8	200	15	12.2	24	4.0	6.9	Fair, ocnl cloudy. Cloudy evng		
THU	11	1007.8	17.1	12.7	14.9	13.3	16.6	15.8	220	12	11.8	28	3.1	3.3	Cloudy, rain & drzl am. Ocnl fair pm. Fair evng. Shwr late		
FRI	12	1015.5	16.5	12.0	14.3	10.2	15.8	15.8	290	12	8.9	19	TR	10.6	Shwrs early, tempo hvy shwr. Bec fair or fine. Dew later		
SAT	13	1019.7	16.6	12.6	14.6	10.3	16.0	15.7	300	11	7.9	18	NIL	6.7	Cloudy. Lghtng early. Slt shwrs. Bec fair. Fine evng. Dew later		
SUN	14	1023.9	18.8	12.5	15.7	7.7	16.0	15.7	360	04	5.4	14	TR	8.4	Fine, dew. Shallow fg patch. Tempo mist, fg patch. Fair. Cldy late		
MON	15	1023.8	16.7	11.6	14.2	9.3	16.1	15.7	090	07	6.3	15	TR	5.5	Cloudy, tempo slt rain am. Fair or fine pm		
TUE	16	1022.4	15.9	10.6	13.3	6.1	15.7	15.8	080	06	6.7	17	NIL	4.5	Fair bec cloudy late am		
WED	17	1021.1	16.5	11.6	14.1	8.9	15.7	15.7	100	08	8.7	21	NIL	7.2	Cloudy bec fair		
THU	18	1022.0	16.4	10.8	13.6	4.9	15.4	15.7	060	06	7.7	24	NIL	8.4	Fair or fine. Ocnl cloudy mid am. Fine pm. Cloudy late		
FRI	19	1027.2	16.7	10.6	13.7	6.0	15.1	15.6	040	09	6.8	19	NIL	10.8	Cloudy bec fair. Fine pm		
SAT	20	1030.6	17.1	10.8	14.0	6.5	14.9	15.6	070	10	10.7	24	NIL	11.0	Fine, slt dew early		
SUN	21	1024.8	16.1	9.8	13.0	6.8	14.8	15.5	080	12	13.3	32	TR	11.0	Fine, tempo dy air early pm		
MON	22	1024.3	17.2	12.5	14.9	9.8	14.9	15.4	050	12	11.2	24	TR	2.4	Fine bec cloudy mid am. Slt shwrs. Ocnl fair. Slt shwr late		
TUE	23	1023.8	16.0	12.8	14.4	10.4	15.0	15.3	040	15	13.4	25	TR	7.7	Cloudy, slt shwrs bec fair. Cloudy late		
WED	24	1022.9	16.2	12.4	14.3	10.6	14.9	15.3	010	11	11.4	27	2.2	0.2	Cloudy, tempo slt shwrs. Tempo hvy shwr evng		
THU	25	1030.5	17.1	13.1	15.1	11.7	14.9	15.3	040	10	9.5	21	NIL	4.0	Cloudy, tempo haze am. Bec fair pm. Fine evng		
FRI	26	1033.3	16.9	11.7	14.3	8.9	14.9	15.2	070	12	11.5	23	NIL	10.0	Fine, ocnl fair early.		
SAT	27	1030.7	17.2	9.8	13.5	5.7	14.8	15.1	080	09	8.8	20	NIL	10.6	Fine, dew early & late		
SUN	28	1027.6	17.7	9.6	13.7	3.2	14.4	15.1	050	03	4.6	10	TR	9.0	Fine, dew. Shallow fg mid am. Tempo fair early pm. Haze/dew late		
MON	29	1022.7	14.9	11.0	13.0	3.5	14.3	15.1	330	11	11.3	31	0.3	9.1	Fine, mist/dew. Shallow fg early. Cloudy mid am, slt shwr bec fair		
TUE	30	1015.1	14.6	12.4	13.5	9.6	14.3	14.9	260	20	22.0	39	3.5	NIL	Cloudy, ocnl slt rain. Drzl & rain late am. Shwrs pm		
MEAN		1017.8	16.9	12.1	14.5	9.4	15.5	15.7	E	11.7	11.5	TOTAL	57.8	188.0			
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			
		12	9	0	0	0	1	0	0	1	0	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	603.2 mm	SUNSHINE	1682.8 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	128	SUNLESS DAYS	34	WET DAYS	90		
WETTEST MNTH YEAR	194.5mm 1952	HIGHEST MAX DAY/YEAR	30.6°C 2nd/1961	LOWEST GRASS DAY/YEAR	-1.0°C 23rd/1979	COLDEST MNTH YEAR	12.8°C 1986	DULLEST MNTH YEAR	104.5hrs 1956								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2008															
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	mm	hrs	
WED	1	1007.8	15.4	10.2	12.8	12.1	14.3	14.9	280	21	23.6	43	2.4	6.1	Cldy, drzl & rain. Hvy shwr mid am. Fair late am. Shwrs late evng
THU	2	1008.0	12.6	8.3	10.5	6.7	13.6	14.8	290	22	18.3	37	2.2	5.4	Fair, ocnl cloudy. Shwrs. Lghtng late
FRI	3	1015.7	12.8	7.5	10.2	6.4	12.9	14.7	330	21	19.3	45	1.2	7.2	Fair, lghtng early. Hvy shwr mid am. Ocnl fine. Shwrs evng, hail
SAT	4	1018.8	14.8	7.6	11.2	1.8	12.3	14.5	220	16	16.4	41	13.9	1.5	Fair bec cloudy. Rain by evng, Mod rain, tempo hvy rain late
SUN	5	997.2	15.1	12.7	13.9	11.7	13.3	14.4	220	27	18.9	44	6.9	NIL	Cloudy, rain. Tempo hvy rain. Mist, drzl late am & late pm
MON	6	1012.7	16.6	11.9	14.3	11.7	13.7	14.3	230	10	9.8	22	1.5	1.2	Cloudy, drzl, rain & mist. Shwrs. Tempo fair early pm, Drzl later
TUE	7	1005.0	16.7	12.7	14.7	13.8	14.4	14.1	180	20	16.7	35	0.3	1.6	Cloudy, rain mid am. Drzl midday. Bec ocnl fair pm
WED	8	1020.2	15.2	10.6	12.9	7.5	13.9	14.2	320	05	7.2	18	TR	8.1	Fair or fine. Slt shwrs mid am
THU	9	1032.2	16.2	8.8	12.5	3.1	13.2	14.2	190	06	4.8	12	NIL	8.9	Fine, dew. Shallow fog. Ocnl fair
FRI	10	1032.0	16.4	10.5	13.5	6.2	13.4	14.2	200	11	7.7	18	TR	9.7	Fair, dew bec fine. Dew late evng
SAT	11	1026.6	17.8	9.5	13.7	4.1	13.3	14.2	160	11	7.2	15	NIL	9.2	Fine, dew. Shallow fog & mist mid am
SUN	12	1023.6	18.3	14.1	16.2	11.5	13.8	14.0	130	10	8.0	20	TR	9.1	Fine, dew early. Tempo fair am. Dew late
MON	13	1019.7	16.8	13.1	15.0	13.1	14.3	14.2	260	13	9.8	20	0.1	0.7	Fine, dew bec cloudy. Drzl & mist mid am. Tempo slt drzl pm
TUE	14	1022.7	14.6	13.1	13.9	12.3	14.3	14.2	200	08	8.5	19	3.0	NIL	Cloudy, slt shwrs am. Rain & drzl evng. Moddrzl/rain & fog late
WED	15	1015.7	14.9	12.2	13.6	13.0	14.4	14.2	250	19	15.5	32	1.0	NIL	Mod drzl/rain & fog early. Drzl & fog patch bec mist. Tempo slt drzl
THU	16	1018.4	13.9	10.8	12.4	10.2	14.0	14.3	310	13	10.9	22	NIL	6.1	Cloudy, ocnl slt rain early. Fair late am
FRI	17	1022.5	15.1	8.0	11.6	3.0	13.0	14.2	—	00	2.3	10	NIL	7.0	Fair, ocnl cloudy early pm
SAT	18	1021.3	14.4	7.9	11.2	3.0	12.6	14.2	260	07	6.5	16	TR	3.9	Fair or fine, cloudy late am. Funnel clouds. Slt shwr. Bec fair pm
SUN	19	1021.6	15.4	8.9	12.2	4.6	12.4	13.9	200	09	11.4	24	TR	8.5	Fine, dew. Cloudy by evng. Fine later
MON	20	1012.0	15.5	10.0	12.8	9.6	12.8	13.8	210	16	14.7	41	14.7	NIL	Fine bec cloudy mid am. Tempo slt drzl. Drzl & rain evng, mist
TUE	21	1013.9	13.1	8.0	10.6	7.9	12.6	13.7	300	10	9.5	24	1.3	2.4	Rain early, tempo hvy. Tempo fair am. Bec fair pm. Shwrs evng.
WED	22	1023.9	13.7	7.7	10.7	2.6	12.0	13.7	260	13	9.6	24	0.7	6.8	Fine. Tempo cloudy late am, shwrs. Shwrs early pm bec fair
THU	23	1025.5	14.3	9.2	11.8	3.3	12.0	13.5	210	16	15.7	30	8.6	3.4	Fair bec cloudy. Ocnl fair am. Rain later
FRI	24	1022.6	13.4	8.4	10.9	11.0	12.6	13.5	330	10	9.5	26	0.2	1.4	Cldy, rain/drzl & mist. Ocnl mod rain/drzl. Bec fair evng. Fine later
SAT	25	1030.8	14.7	7.4	11.1	0.1	11.7	13.5	160	11	10.7	26	TR	0.3	Fine bec cloudy.
SUN	26	1020.3	15.1	11.4	13.3	11.5	12.4	13.4	230	19	15.4	35	9.5	NIL	Cloudy, slt drzl mid am. Drzl & fog patch midday. Ocnl mod rain pm
MON	27	1012.9	11.8	6.6	9.2	5.8	12.4	13.3	270	08	10.4	31	4.5	4.9	Cloudy, ocnl fair. Tempo hvy shwrs. Small hail midday. Hail late
TUE	28	1014.6	10.3	3.9	7.1	4.3	11.5	13.3	320	13	10.8	27	12.4	6.9	Fair. Tempo cloudy, shwrs. Tempo small hail. Hvy shwrs
WED	29	1012.8	8.2	4.3	6.3	0.6	10.5	13.1	360	12	13.3	32	8.5	5.8	Shwrs early bec fair. Cloudy by evng, rain
THU	30	987.2	8.7	4.4	6.6	3.8	10.2	13.0	120	14	16.1	33	10.8	NIL	Cloudy, rain. Ocnl mod rain. Hvy shwr evng, small hail T&L late
FRI	31	1004.5	9.0	4.5	6.8	3.5	9.7	12.7	030	16	17.3	38	TR	6.0	Shwrs, tempo hvy shwr & small hail T&L early bec fair
MEAN		1016.9	14.2	9.2	11.7	7.1	12.8	13.9	W	13.1	12.1	TOTAL	103.7	132.1	
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		19	16	0	5	2	4	0	0	3	0	0	6		
RECORDS FROM JANUARY 1947															
WETTEST DAY	46.2mm	DRIEST MONTH	3.4mm	LOWEST MIN	3.5°C	WARMEST MNTH	15.2	SUNNIEST MNTH	176.4hrs	RAINFALL 706.9 mm SUNSHINE 1814.9 hrs					
DAY/YEAR	7th/1987	YEAR	1978	DAY/YEAR	28th/2003	YEAR	2001/06	YEAR	1971	RAIN DAYS 147 SUNLESS DAYS 40					
WETTEST MNTH	233.9mm	HIGHEST MAX	23.3°C	LOWEST GRASS	-4.0°C	COLDEST MNTH	9.6°C	DULLEST MNTH	72.6hrs	WET DAYS 106					
YEAR	1960	DAY/YEAR	4th,5th/1959	DAY/YEAR	30th/1983	YEAR	1974	YEAR	1968						



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - NOVEMBER 2008															
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	mm	hrs	
SAT	1	1003.7	8.5	7.3	7.9	5.3	<u>7.8</u>	<u>12.4</u>	020	19	19.7	43	20.9	NIL	Cloudy, silt rain late am. Mod rain pm, tempo hvy rain evng
SUN	2	1012.6	11.6	7.5	9.6	6.8	9.7	12.2	350	12	12.8	29	9.2	0.6	Cloudy, rain bec silt shwrs. Hvy shwr late
MON	3	1010.6	12.1	9.3	10.7	8.7	10.1	12.1	040	19	16.1	38	1.7	NIL	Cloudy, rain am. Ocnl drzl pm, tempo mist. Fine late, mist & dew
TUE	4	1016.3	11.7	8.6	10.2	6.2	10.7	12.0	110	07	8.1	20	TR	2.5	Fine, mist & dew bec cloudy. Tempo silt drzl. Bec fair or fine pm
WED	5	1018.2	11.8	9.9	10.9	3.9	10.9	12.0	360	12	10.4	21	TR	NIL	Cloudy, tempo silt drzl pm
THU	6	1015.5	11.8	10.0	10.9	9.2	10.9	12.0	310	07	7.0	26	2.1	NIL	Cloudy, silt rain or drzl early & late
FRI	7	1009.7	12.6	9.1	10.9	5.8	10.9	12.0	260	10	14.9	28	2.8	5.3	Cloudy, rain early bec fair. Shwrs
SAT	8	1010.7	13.5	10.0	11.8	7.2	10.8	12.0	200	17	17.9	42	6.8	1.4	Fair bec cldy, rain. Tempo fair early pm. Rain evng, tempo hvy rain
SUN	9	1015.4	13.2	7.9	10.6	5.9	10.9	12.0	250	21	<u>21.3</u>	<u>47</u>	2.5	3.5	Cloudy am, shwrs. Fair or fine pm, cloudy evng. Rain later
MON	10	1008.2	<u>14.0</u>	8.8	11.4	<u>10.1</u>	10.6	12.0	200	<u>23</u>	19.3	41	21.7	NIL	Cloudy, rain, Ocnl hvy rain pm. Mist evng
TUE	11	1011.9	12.6	8.2	10.4	6.7	10.8	12.0	270	<u>23</u>	18.0	41	1.3	5.8	Cloudy, rain early then shwrs. Bec fair then fine pm. Shwrs late
WED	12	1018.9	11.2	7.2	9.2	4.4	10.7	12.0	330	10	8.9	22	NIL	<u>7.8</u>	Shwrs early bec fine
THU	13	1026.6	12.3	7.5	9.9	2.1	10.4	12.0	250	06	10.4	26	4.7	0.1	Fair bec cloudy, rain pm. Drzl & rain evng, mist
FRI	14	1028.1	12.2	<u>10.9</u>	11.6	<u>10.1</u>	10.8	11.9	290	12	11.9	21	0.1	NIL	Cloudy, ocnl silt drzl or rain
SAT	15	1030.9	13.1	<u>10.9</u>	<u>12.0</u>	<u>10.1</u>	11.1	11.8	280	09	11.0	21	0.7	0.4	Cloudy, ocnl silt drzl
SUN	16	1033.6	12.9	10.4	11.7	<u>10.1</u>	11.3	11.9	280	09	10.2	23	0.1	1.2	Cloudy, silt drzl. Tempo mod drzl early. Ocnl fair pm. Drzl later
MON	17	<u>1033.7</u>	12.5	9.9	11.2	9.7	<u>11.4</u>	11.9	310	<u>04</u>	10.3	32	5.1	0.1	Cloudy, silt drzl early. Funnel cloud am. Rain later
TUE	18	1016.8	11.9	9.5	10.7	9.0	<u>11.4</u>	12.0	330	16	14.3	33	NIL	1.9	Cloudy, rain early. Ocnl fair late am. Bec fair or fine late evng
WED	19	1025.9	12.6	10.6	11.6	5.4	10.9	12.0	310	14	11.8	24	NIL	5.6	Fair or fine becoming cloudy by evening
THU	20	1023.5	13.1	9.7	11.4	7.4	10.9	11.9	300	19	16.2	28	TR	0.8	Mainly cloudy. Tempo silt drzl am. Fair by evng
FRI	21	1019.8	12.3	9.4	10.9	9.1	11.2	11.8	310	17	19.2	34	TR	0.3	Fair be cloudy, tempo silt shwrs. Ocnl fair later
SAT	22	1020.1	9.8	7.0	8.4	6.4	10.6	11.7	310	20	15.5	34	3.3	0.1	Fair bec cloudy, ocnl showery rain
SUN	23	1006.6	11.5	5.5	8.5	6.0	10.0	11.9	240	18	18.0	44	2.3	1.2	Cldy, rain mid am. Mod rain bec fair pm. Shwrs. Hail/ghtng late
MON	24	993.8	8.5	5.6	7.1	3.9	9.3	11.7	360	08	17.6	40	1.8	1.3	Fair bec cloudy. Shwrs, tempo hvy shwrs pm. Small hail evng
TUE	25	1021.5	7.8	5.6	6.7	3.5	8.5	11.6	360	13	12.4	30	NIL	4.0	Fair, tempo cloudy
WED	26	1030.5	10.2	<u>4.4</u>	7.3	<u>-2.8</u>	8.0	11.4	290	<u>04</u>	<u>5.7</u>	13	2.4	NIL	Fair or fine bec cloudy. Drzl pm, tempo hvy drzl, mist
THU	27	1019.3	10.5	9.2	9.9	8.6	9.0	11.1	220	16	15.8	31	<u>27.5</u>	0.1	Cloudy, drzl & rain am. Tempo drzl evng
FRI	28	999.7	9.9	5.1	7.5	5.9	9.2	10.9	320	<u>04</u>	8.0	30	TR	0.2	Cloudy, rain. Ocnl hvy rain to mid am. Fair by evng, tempo fine
SAT	29	<u>990.6</u>	<u>7.3</u>	5.0	<u>6.2</u>	-1.6	8.4	10.9	100	11	9.6	18	8.5	0.1	Fair be cloudy. Funnel cloud am. Slt shwr pm.
SUN	30	991.2	7.5	5.2	6.3	5.0	8.4	<u>10.7</u>	020	15	15.0	30	2.7	NIL	Cloudy, silt rain. Tempo hvy rain early
MEAN		1015.5	11.4	8.2	9.8	6.3	10.2	11.8	NW	13.2	13.6	TOTAL	128.2	44.3	
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	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	
			19	18		2	0	1	0	2	0	0	0	8	
RECORDS FROM JANUARY 1947															TOTALS FOR YEAR TO DATE
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	RAINFALL 166
WETTEST MNTH YEAR		192.5mm 1965	HIGHEST MAX 1st/1999, 8th/2005		16.8°C	LOWEST GRASS DAY/YEAR		-5.6°C 29th/1987	COLDEST MNTH YEAR		7.7°C 1993	DULLEST MNTH YEAR		35.9hrs 1994	SUNSHINE 1859.2 hrs SUNLESS DAYS 48

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - DECEMBER 2008															
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	mm	hrs	
MON	1	1005.1	6.7	4.3	5.5	3.0	7.9	10.6	340	13	13.1	29	TR	3.0	Cloudy bec ocnl fair
TUE	2	1012.3	8.5	5.7	7.1	0.6	7.4	10.5	270	14	15.0	33	14.3	1.2	Fair/fine bec cldy. Slt rain/hail shwr mid am. Shwrs pm. Rain evng
WED	3	999.8	8.4	2.0	5.2	4.2	7.9	10.3	020	12	7.7	24	8.0	5.5	Rain, bec drzl & mist. Tempo fog bec fair. Fine pm. Cloudy later
THU	4	986.7	10.9	3.3	7.1	-3.8	7.4	10.2	270	25	22.0	48	4.8	3.2	Cldy, ocnl rain. Tempo hvy rain mid am. Fair. Hvy shwrs pm, hail
FRI	5	986.6	9.8	5.8	7.8	4.8	7.7	10.0	290	35	24.3	56	1.4	4.2	Shwrs. Gale mid am. Tempo small hail. Fair. Rain & hail shwrs pm
SAT	6	1013.6	9.2	5.0	7.1	2.0	7.8	10.0	010	04	8.2	33	NIL	3.9	Fair, ocnl cloudy early. Bec fine pm. Tempo cloudy late
SUN	7	1027.6	8.1	4.0	6.1	-0.3	7.1	9.9	100	08	8.2	18	NIL	7.7	Fair bec fine. Dew late
MON	8	1026.0	8.4	3.8	6.1	0.7	6.6	9.7	180	06	7.4	16	6.0	2.1	Fine, dew bec cloudy. Fair pm bec cloudy evng. Rain later
TUE	9	1023.2	8.1	4.4	6.3	2.2	6.9	9.7	350	14	15.0	37	1.4	4.1	Rain, tempo hvy rain early bec fair. Shwrs pm, tempo small hail
WED	10	1022.1	7.4	4.0	5.7	1.2	6.6	9.4	360	07	7.7	20	0.5	3.0	Fair, ocnl cloudy am, slt shwr. Cloudy evng, rain & small hail shwr
THU	11	1012.3	7.1	2.7	4.9	-2.6	6.1	9.4	060	02	1.6	07	0.2	2.8	Fair, slt hoar frost early. Bec cldy pm. Fine late evng, slt hoar frost
FRI	12	1015.1	9.3	3.1	6.2	-4.7	5.7	9.2	200	12	13.1	38	27.3	0.3	Fine, slt hoar frost bec cldy. Tempo slt drzl/rain am. Rain late evng
SAT	13	988.9	9.2	3.7	6.5	6.1	7.1	9.1	330	06	11.1	42	10.8	NIL	Mod rain ocnl hvy mid am. Hvy shwr late am, small hail. Shwrs pm
SUN	14	996.3	7.9	2.9	5.4	-1.2	6.7	8.8	030	05	8.5	28	4.7	3.2	Shwrs early bec fair. Tempo slt shwr. Bec cloudy pm, shwrs
MON	15	1016.9	6.9	5.6	6.3	4.0	6.7	8.9	010	13	10.2	12	NIL	NIL	Cloudy
TUE	16	1018.4	9.9	3.7	6.8	-2.4	6.7	8.9	270	03	5.1	19	2.6	6.4	Cloudy bec fine. Cloudy by evng. Rain later
WED	17	1017.2	10.3	6.8	8.6	4.5	7.2	8.9	320	09	10.7	24	TR	6.3	Rain/drzl early bec fair or fine
THU	18	1022.9	11.6	8.2	9.9	3.7	7.3	8.9	270	14	14.7	29	0.1	0.6	Cloudy, slt drzl early. Rain late bec fair
FRI	19	1029.3	11.1	7.9	9.5	4.6	8.0	9.0	280	09	13.1	33	TR	4.0	Fair ocnl cloudy, slt rain early. Cloudy evng
SAT	20	1030.7	11.9	9.9	10.9	7.9	8.1	9.0	260	15	17.8	34	TR	NIL	Cloudy tempo slt drzl early
SUN	21	1036.3	11.1	9.8	10.5	9.1	8.6	9.0	260	12	13.4	28	TR	NIL	Cloudy tempo slt drzl mid am & evng
MON	22	1037.9	10.5	8.0	9.3	8.0	8.7	9.2	240	02	5.6	17	NIL	0.2	Overcast bec cloudy
TUE	23	1035.6	8.9	4.4	6.7	6.9	8.7	9.2	120	11	7.7	19	NIL	NIL	Cloudy bec fine evng. Dew, shallow fog late
WED	24	1035.3	8.2	4.9	6.6	-1.2	8.0	9.3	060	10	7.9	19	NIL	2.8	Fair, dew bec cloudy. Mist. Bec fine pm, cloudy evng. Mist or haze
XMAS	25	1031.5	8.2	6.2	7.2	-0.5	7.9	9.4	070	08	13.2	29	TR	1.3	Cloudy, slt drzl am. Bec fair pm. Cloudy later
B.DAY	26	1031.7	6.9	3.7	5.3	3.6	7.4	9.2	060	23	21.2	37	NIL	6.4	Cloudy bec fair or fine
SAT	27	1030.2	6.7	4.0	5.4	1.9	6.6	9.2	060	25	21.8	37	NIL	6.9	Fine
SUN	28	1025.4	4.2	1.2	2.7	0.1	5.8	9.1	080	20	18.4	30	NIL	4.9	Fine, ocnl fair
MON	29	1025.4	4.3	-0.5	1.9	-2.0	4.9	8.9	100	13	9.8	23	NIL	7.3	Fine. Hoar frost late
TUE	30	1028.2	6.9	0.6	3.8	-5.3	4.4	8.6	100	06	8.5	19	NIL	6.5	Fine, hoar frost. Ocnl fair
WED	31	1026.7	5.7	1.5	3.6	-1.9	4.5	8.4	080	10	9.9	22	NIL	2.7	Fair or fine, slt hoar frost bec fair to cloudy. Haze
MEAN		1019.2	8.5	4.5	6.5	1.7	7.0	9.4	W	11.8	12.0	TOTAL	82.1	100.5	
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	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		12	10	0	6	1	2	1	11	1	0	1	5		
RECORDS FROM JANUARY 1947														RAINFALL	917.2 mm
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	53		
DAY/YEAR	30th/1978	YEAR	1953	DAY/YEAR	24th/1963	YEAR	1953	YEAR	2001	WET DAYS	134				
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						



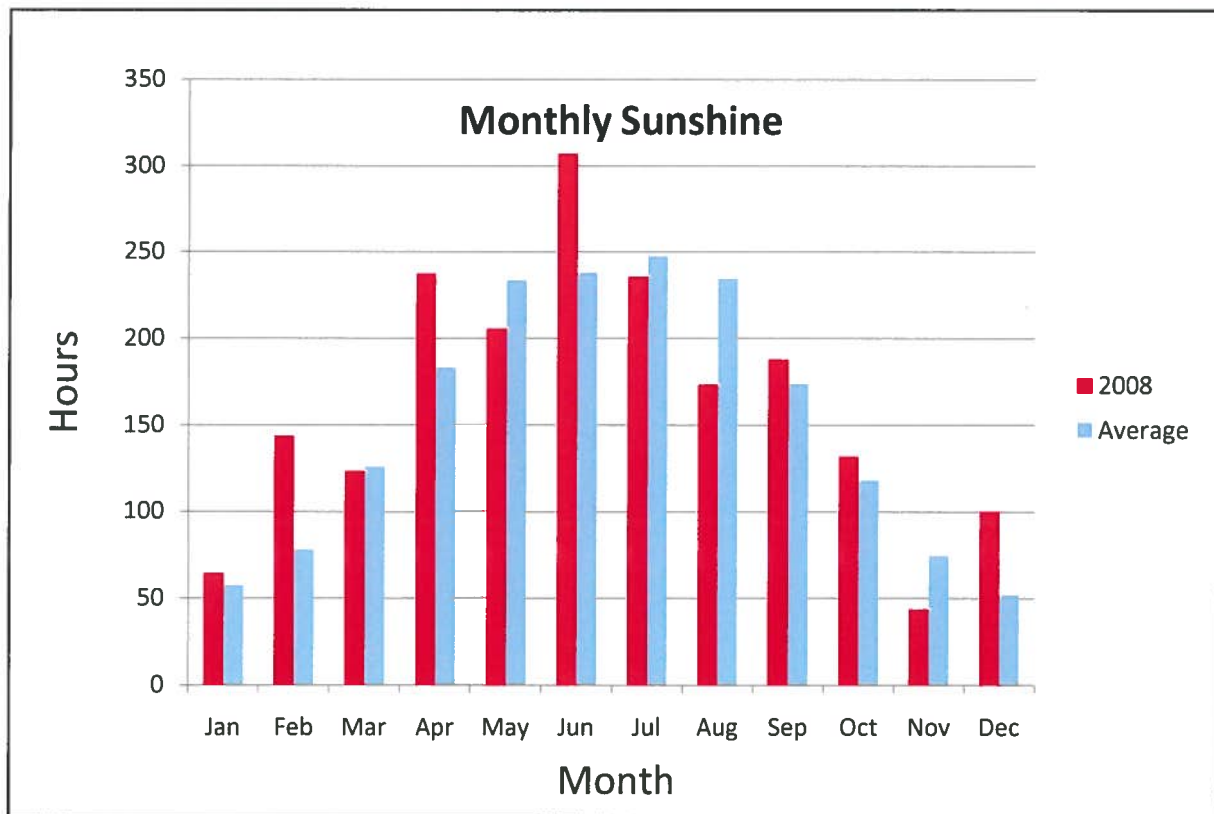
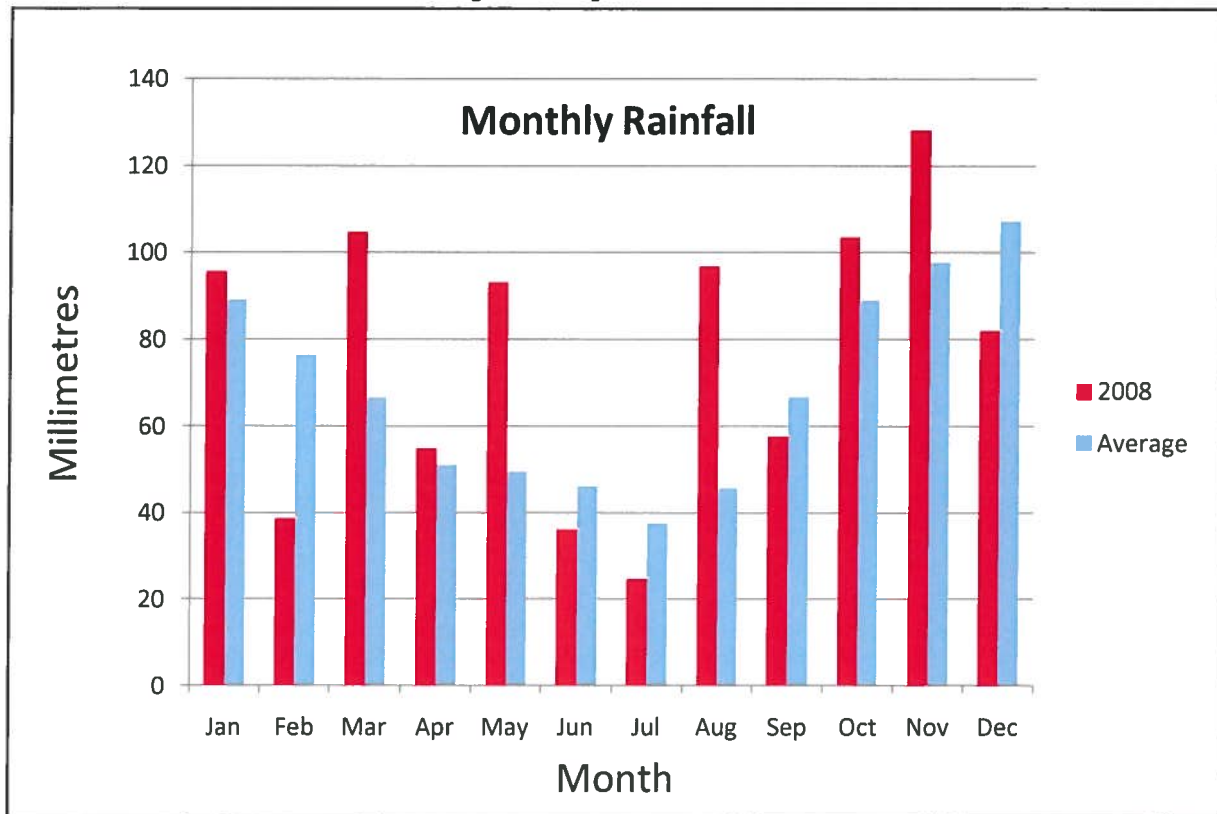
## Guernsey Airport Meteorological Office – Annual Report 2008



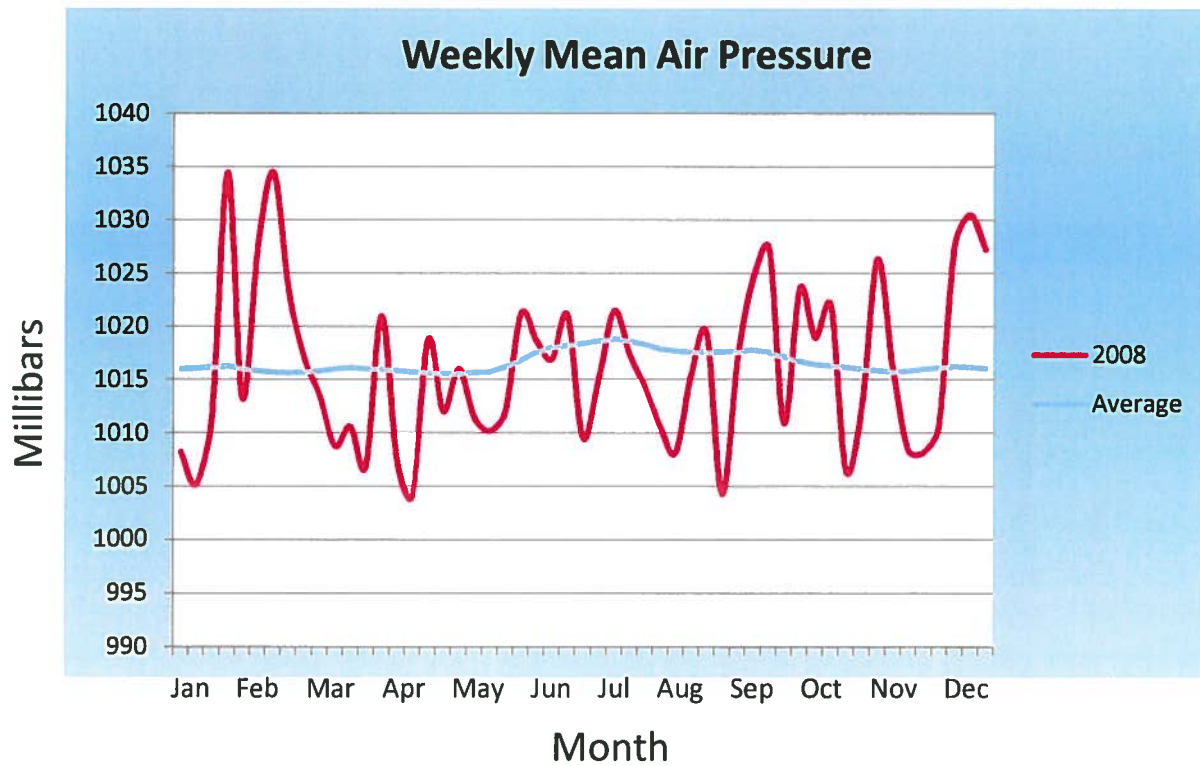
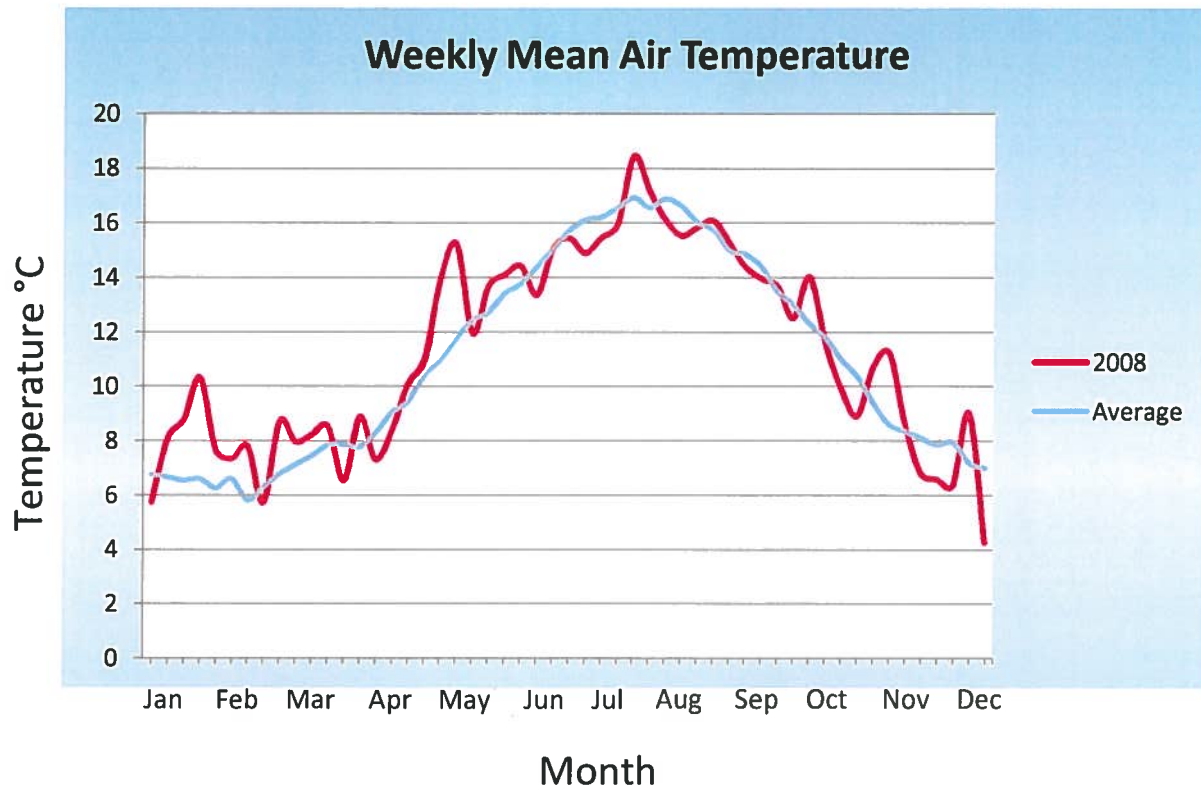
10<sup>th</sup> March 2008: The predicted height for this tide was 9.8m, but a combination of low atmospheric pressure and a storm surge caused by a fast-moving depression meant that the actual tide height was 10.5m. The photograph – taken 30 minutes before high tide - shows waves already advancing up the road that leads down to the Lihou Island causeway. In common with many other areas of the island's coast, the earth banks above this beach suffered some notable erosion during the course of this storm.

Photo credit: Martin Crozier

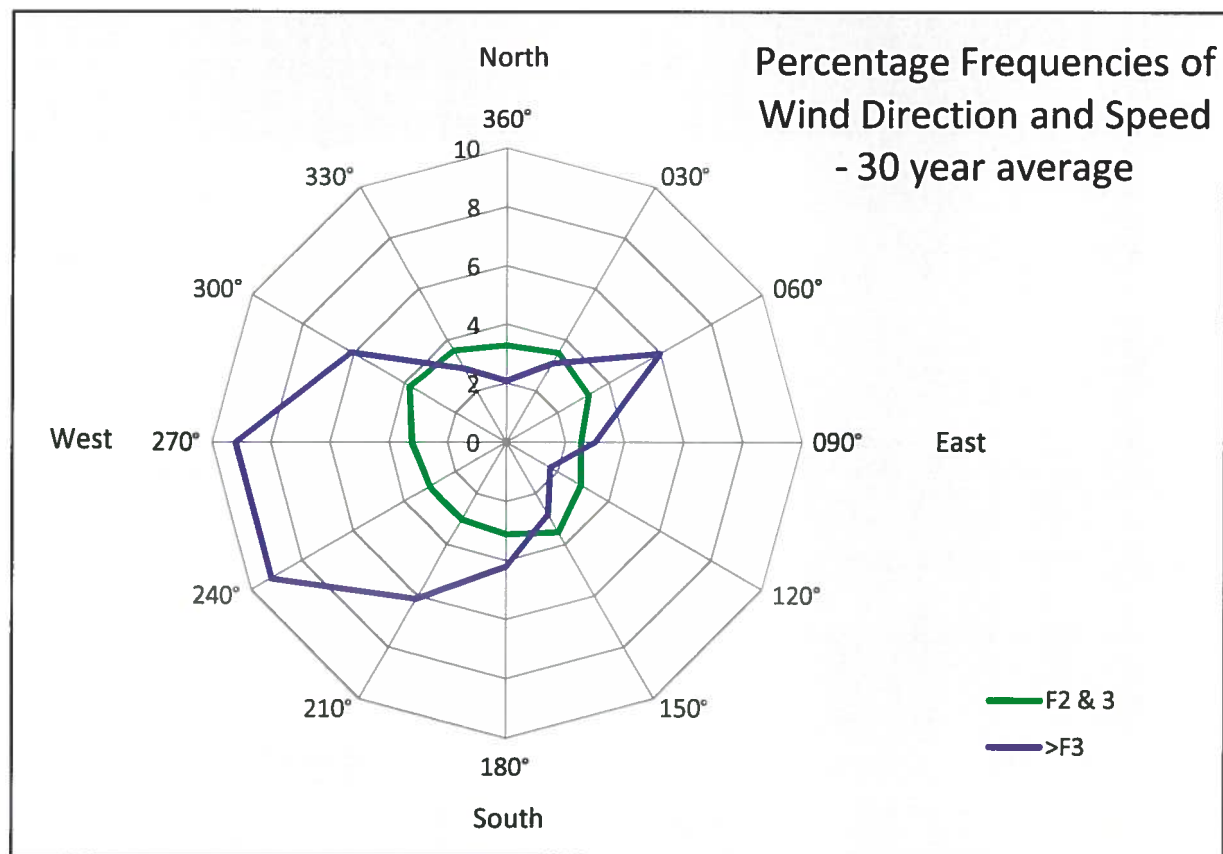
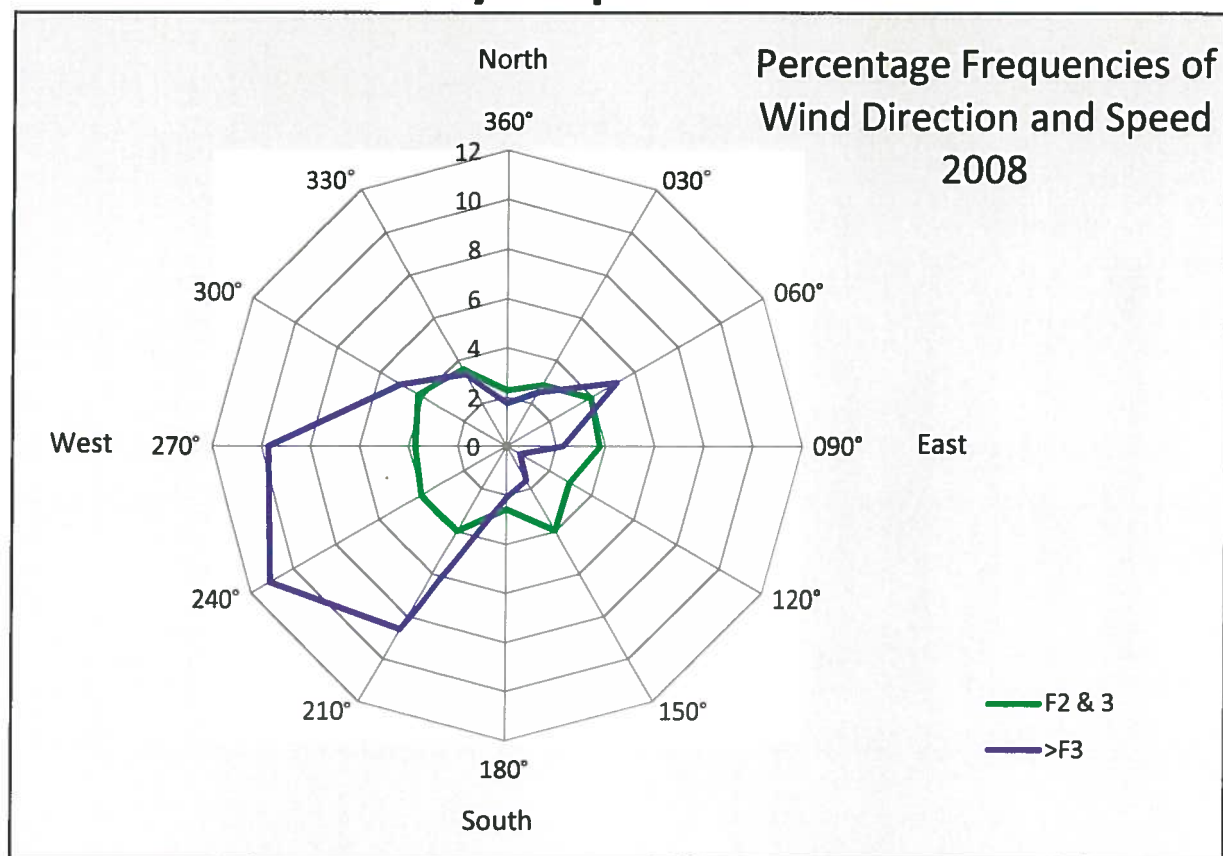
# Guernsey Airport Met Office



# Guernsey Airport Met Office

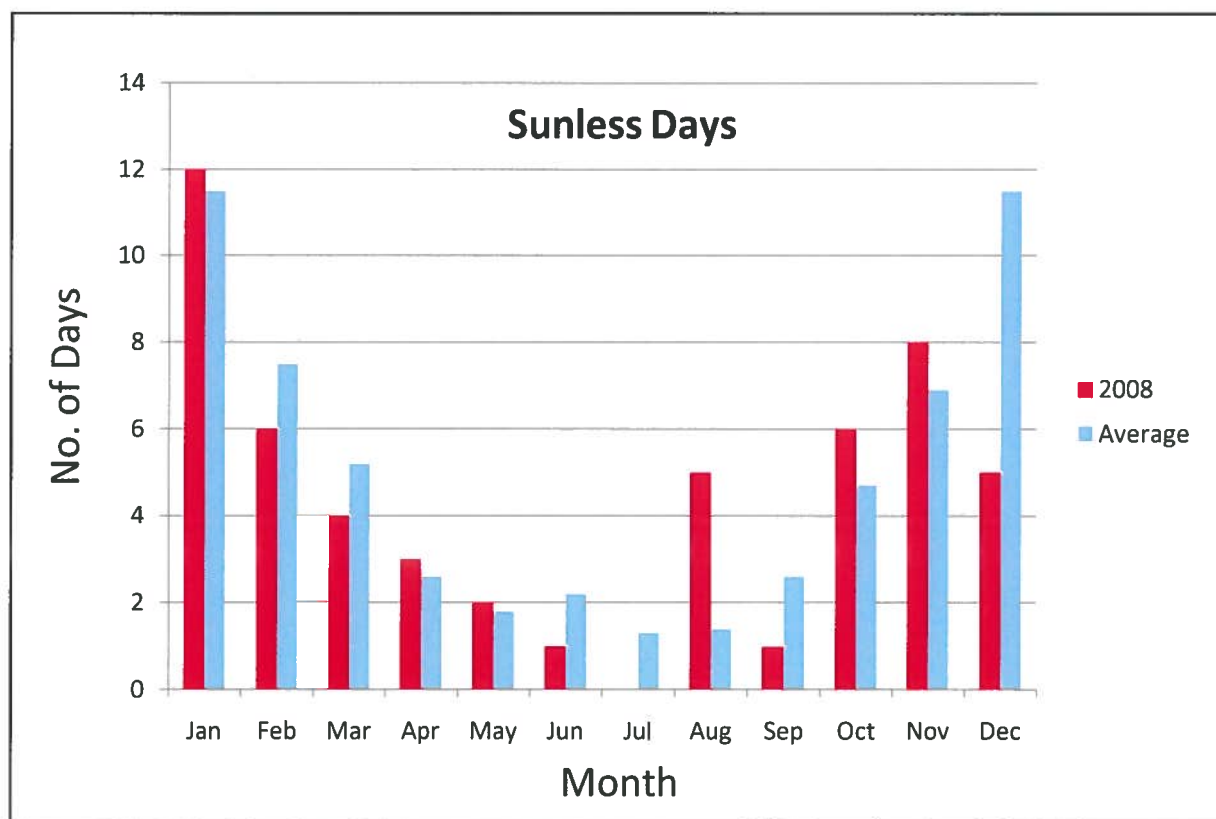
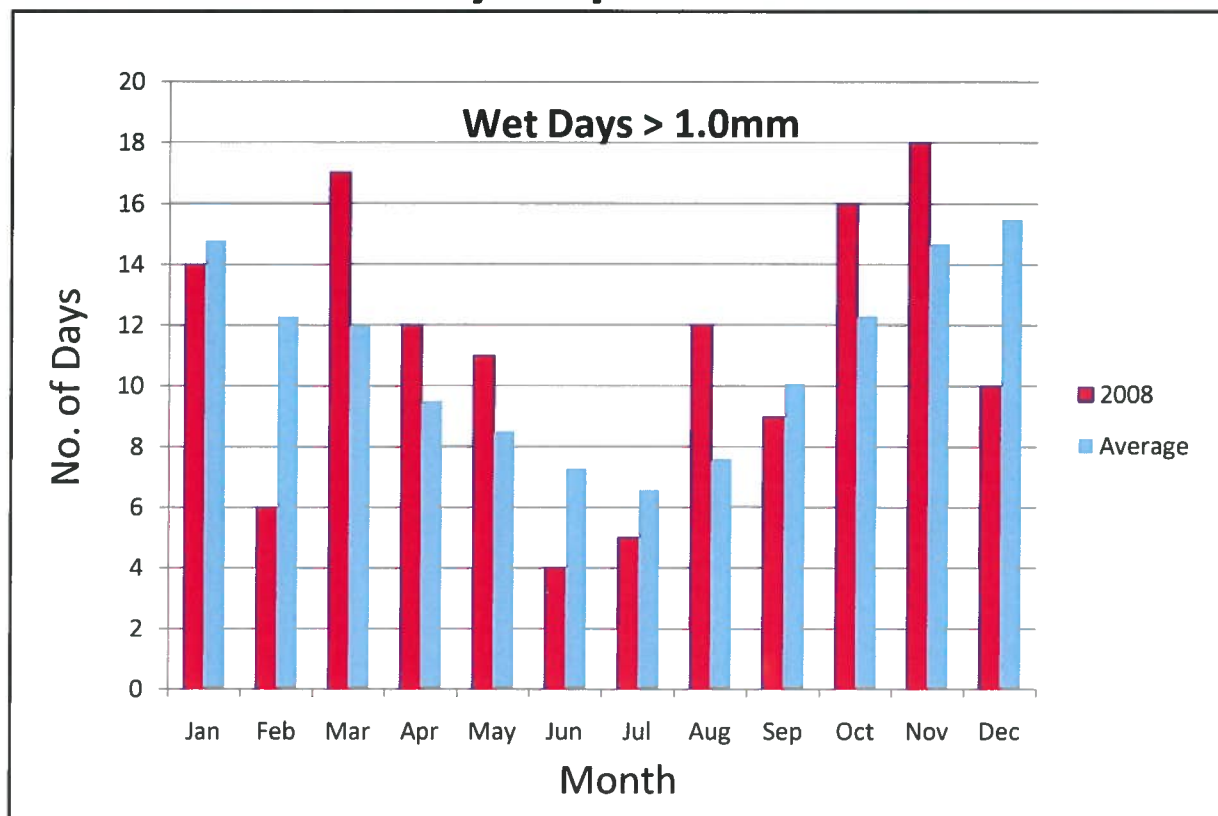


# Guernsey Airport Met Office

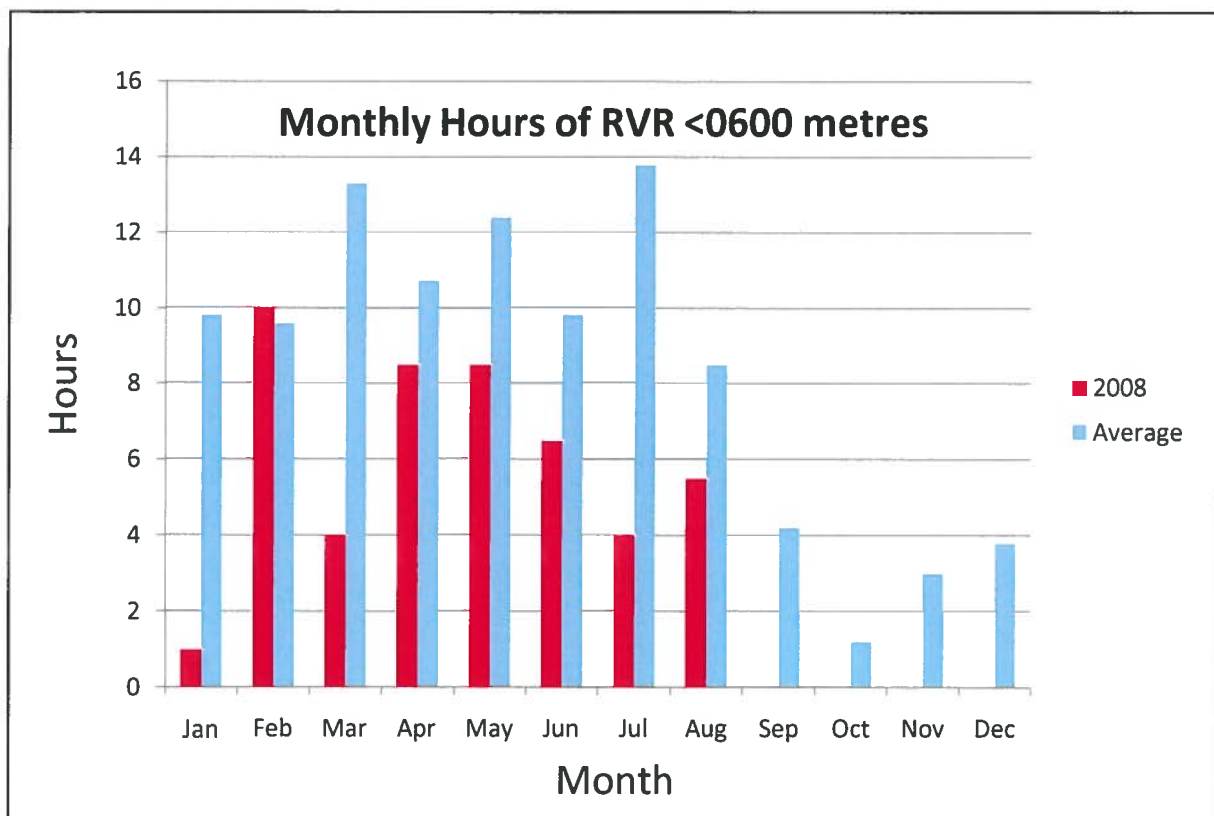
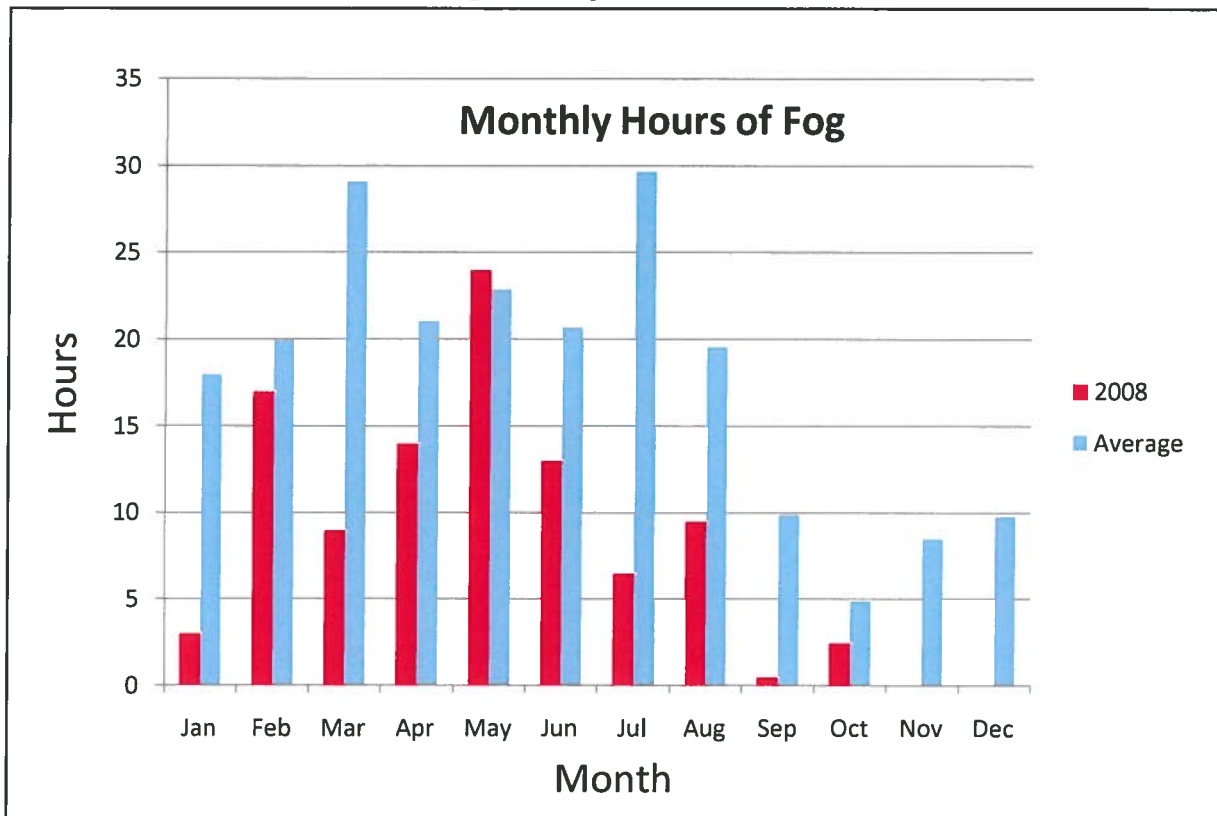




## Guernsey Airport Met Office

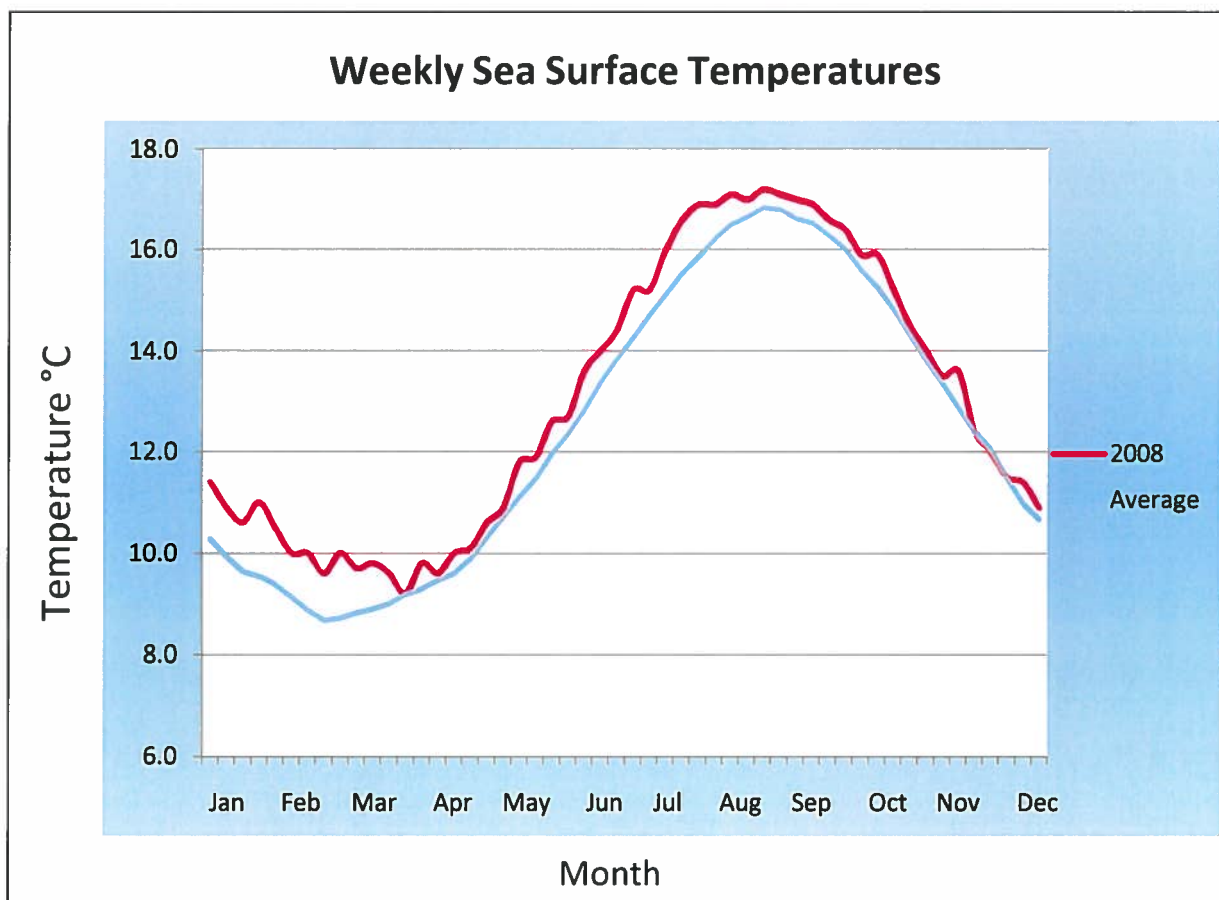
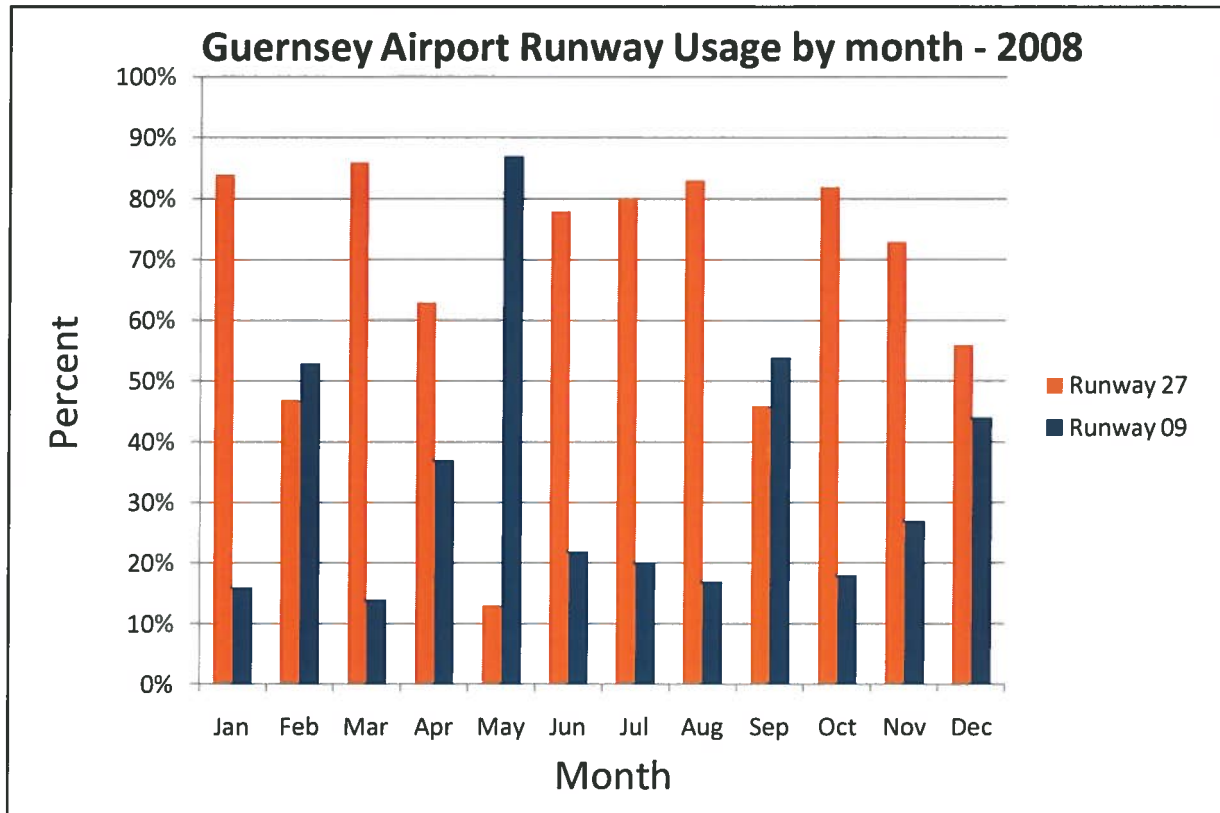


# Guernsey Airport Met Office





## Guernsey Airport Met Office



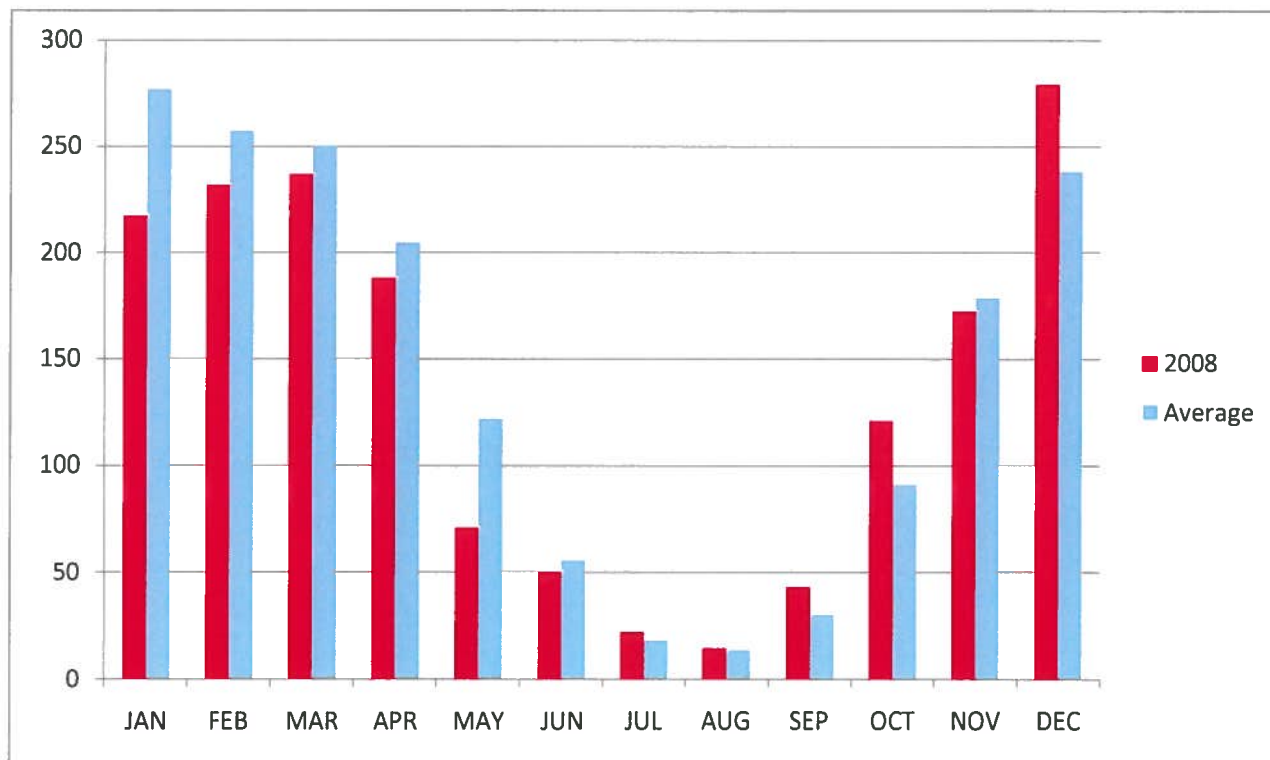
# Guernsey Airport Met. Office

## Degree Days

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

	2008	Average
JAN	217.2	276.7
FEB	231.9	257.0
MAR	237	250.1
APR	188	204.6
MAY	70.9	121.8
JUN	50.2	55.6
JUL	22	18.2
AUG	14.4	13.6
SEP	43.3	30.2
OCT	120.9	91.0
NOV	172.2	178.8
DEC	279.1	238.0
YEAR	1647.1	1735.6

## Accumulated Degree Days



# Guernsey Airport Met. Office

## 2009 SUMMER WEEKEND TIDES - ST. PETER PORT

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

Day	Month	High Water				Low Water			
		Time	Height (m)	Time	Height (m)	Time	Height (m)	Time	Height (m)
Sat 02	May	00:25	7.5	13:21	7.2	07:10	3.0	19:42	3.4
Sun 03	May	01:47	7.4	14:48	7.2	08:37	3.0	21:09	3.3
Sat 09	May	07:25	8.9	19:44	9.0	01:29	1.5	13:49	1.6
Sun 10	May	08:03	8.8	20:18	8.9	02:07	1.5	14:24	1.7
Sat 16	May	11:39	6.9	23:55	7.0	05:32	3.3	17:46	3.7
Sun 17	May	12:38	6.7			06:31	3.6	18:53	3.9
Sat 23	May	06:14	8.5	18:35	8.8	12:36	1.8		
Sun 24	May	07:02	8.9	19:22	9.1	01:01	1.5	13:24	1.5
Sat 30	May	11:58	8.0			05:56	2.1	18:15	2.6
Sun 31	May	00:15	8.1	13:00	7.7	06:56	2.5	19:19	2.5
Sat 06	June	06:19	8.1	18:39	8.4	00:20	2.4	12:42	2.3
Sun 07	June	07:01	8.2	19:19	8.5	01:03	2.2	13:23	2.2
Sat 13	June	10:39	7.6	22:49	7.7	04:38	2.7	16:48	3.0
Sun 14	June	11:17	7.4	23:30	7.5	05:14	2.9	17:26	3.2
Sat 20	June	04:44	7.8	17:14	8.1	11:11	2.6	23:42	2.3
Sun 21	June	05:46	8.2	18:11	8.5	12:09	2.1		
Sat 27	June	10:53	8.9	23:06	9.0	04:54	1.1	17:10	1.6
Sun 28	June	11:39	8.5	23:54	8.5	05:40	1.6	17:57	2.1
Sat 04	July	05:06	7.3	17:32	7.6	11:31	3.2	23:57	3.0
Sun 05	July	05:59	7.5	18:19	7.9	12:21	2.9		
Sat 11	July	09:48	8.2	21:57	8.4	03:49	2.1	16:00	2.4
Sun 12	July	10:18	8.1	22:28	8.2	04:20	2.2	16:30	2.5
Sat 18	July	02:56	7.2	15:37	7.4	09:27	3.3	22:10	3.1
Sun 19	July	04:19	7.5	16:52	7.8	10:47	2.9	23:25	2.6
Sat 25	July	09:50	9.6	22:03	9.8	03:53	0.5	16:09	0.8
Sun 26	July	10:31	9.3	22:44	9.3	04:34	0.8	16:49	1.2
Sat 01	August	03:28	6.5	16:10	6.8	09:56	4.0	22:40	3.8
Sun 02	August	04:50	6.8	17:15	7.2	11:13	3.7	23:43	3.4
Sat 08	August	08:55	8.7	21:06	8.9	02:57	1.7	15:10	1.9
Sun 09	August	09:25	8.5	21:35	8.8	03:28	1.7	15:39	1.9
Sat 15	August	01:00	7.2	13:40	7.1	07:25	3.6	20:12	3.7
Sun 16	August	02:33	6.9	15:18	7.2	09:06	3.6	22:00	3.4
Sat 22	August	08:46	9.9	21:00	10.1	02:49	0.3	15:07	0.5
Sun 23	August	09:26	9.8	21:39	9.9	03:30	0.4	15:46	0.6
Sat 29	August	00:55	6.5	13:47	6.5	07:28	4.3	20:22	4.3
Sun 30	August	02:52	6.2	15:47	6.6	09:18	4.4	22:18	4.1
Sat 05	September	07:56	8.9	20:10	9.1	01:59	1.7	14:13	1.7
Sun 06	September	08:28	9.0	20:41	9.2	02:31	1.5	14:45	1.6
Sat 12	September	11:00	7.4			05:51	3.4	18:24	3.6
Sun 13	September	00:41	7.0	13:23	7.0	07:06	3.8	20:06	3.8
Sat 19	September	07:40	9.8	19:55	10.0	01:42	0.7	14:01	0.7
Sun 20	September	08:20	9.9	20:35	10.0	02:24	0.5	14:42	0.6
Sat 26	September	11:42	7.0			05:33	3.9	18:10	4.0
Sun 27	September	00:10	6.5	12:53	6.5	06:33	4.4	19:40	4.4

La Société Guerneslaise Astronomy Section

## Astronomical events in 2009

By David Le Conte

This is not a year for exciting astronomical events. Possibly the most exciting is not a celestial appearance, but the disappearance of Saturn's rings. There is a long total eclipse, but you will have to travel a long way to see it. 2009 is, however, the International Year of Astronomy, celebrating the 400<sup>th</sup> anniversary of Galileo's first telescopic observations.

### 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 dates to observe it in the evening will be the last two weeks of April, and in the morning the first two weeks of October.

04 January	Evening
13 February	Morning
26 April	Evening
13 June	Morning
24 August	Evening
06 October	Morning
18 December	Evening

**Venus**, continues as the 'Evening Star' in the south-west, reaching greatest eastern elongation in the middle of January. It reaches maximum brilliance a month later, when it will be so bright (almost magnitude -5) that it will be worth looking for in daylight, and seeing if it really does cast shadows at night. On 27 and 28 February especially it should make a fine sight, paired with a thin lunar crescent. It will be visible in the evening until March, reaching inferior conjunction at the end of that month. In May it reappears, again very bright, in the pre-dawn sky in the east, and stays there until it heads for superior conjunction in November.

We have not seen **Mars** for a year, and will have to wait until July before it reappears in the morning sky in the east. It gradually rises earlier and earlier, and gets brighter and brighter. By the end of the year it will have a magnitude of zero and rise at 8.00 pm, in Leo, as it heads towards opposition at the end of January 2010.

**Jupiter** appears in the morning sky in the southeast in March. It reaches opposition in August, when it will shine with a magnitude -3, and then becomes visible in the evening. It remains visible until the end of the year, never reaching a high altitude, however. As usual, there will be transit, shadow and occultation events involving Jupiter's moons, details of which can 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**, reaches opposition in Leo in March, and is then visible in the evening until July. During these months we will see its rings almost edge on. It will be interesting to see to what extent they are visible in our telescopes. The most interesting time is on 04 September, when the Earth is directly in ring with the plane of the rings, and they appear to disappear altogether (if you see what I mean). However, it will then be too close to the Sun for any observation. It reappears in the morning sky in October, with the rings still tightly closed, and remains visible for the rest of the year, rising earlier and earlier, but not as an evening object. The last time the rings closed up was in 1996, and the next time will be in 2025 (although they will be very tight in 2009). With the rings edge-on, it not only means that Saturn appears less bright to the naked eye, but its moons appear, unusually, all in a line, as they orbit in the planet's equatorial plane, which itself will be lined up with the Earth.

**Uranus** is at opposition in Pisces on 17 September at magnitude 5.7. **Neptune** is at opposition in Capricornus on 17 August at magnitude 8.

### DWARF PLANETS

There are now five dwarf planets: Pluto, Ceres, Eris, Makemake and Haumea. **Pluto** reaches opposition in Sagittarius on 23 June, at magnitude 14. **Ceres** reaches opposition on 24 February in Leo, a little brighter than magnitude 7. The other three are too faint to be seen in most amateur telescopes.

### ASTEROIDS

The brightest asteroid, **Vesta**, at magnitude 7, is visible until March, but is best observed early in the year.

### ECLIPSES

This is not a good year for eclipses, at least as seen from Guernsey.

If you are prepared to travel, however, and take a chance on the weather, you may get to see the longest total solar eclipse of the 21<sup>st</sup> century, which takes place on 21/22 July (depending on which side of the date line you are on). In Shanghai, for example, totality lasts 6 minutes on 22 July. The weather statistics, however, are not very encouraging. The shadow path passes through India, China, and the South Pacific. Full details are available at <http://eclipse.gsfc.nasa.gov/SEmono/TSE2009/TSE2009.html>.

The track of an annular solar eclipse on 26 January passes south of Africa and eastwards across Borneo.

Just under half of the Moon passes through the Earth's penumbra on 06/07 August, starting at midnight and ending at 03.15 BST. Not really worth staying up for!

On New Year's Eve there will be a very slight partial lunar eclipse, from 6.51 pm to 7.53 pm, with maximum eclipse of just 8% at 7.22 pm.

## OCCULTATIONS AND CONJUNCTIONS

The only lunar occultations of note this year are two passages of the Moon through the Pleiades. At 5.45 pm on 08 January there will be a grazing occultation of the Pleiades star Alcyone, and 3.15 am BST on 18 July Alcyone will just be occulted by the Moon.

There will be several interesting planetary conjunctions:

17 February	Mars and Jupiter
24 February	Mercury and Jupiter
01 March	Mercury and Mars
19 June	Venus and Mars
08 October	Mercury and Saturn
13 October	Venus and Saturn

There will also be conjunctions of the planets with the Moon:

25 January	Mars
23 February	Mars and Jupiter
28 February	Venus
22 March	Jupiter
22 April	Venus and Mars
13 September	Mars

## METEORS

The **Quadrantids** peak on 03 January, when the Moon is at First Quarter, and so will be quite favourable. The **Perseids** peak on 12 August, with the Moon almost at Last Quarter, so not very favourable. The **Leonids** peak on 17 November, favourably coinciding with New Moon. It is thought that we may be in for an enhanced shower of Leonids, with a few hundred per hour appearing for a short period at about 21.45 UT (see <http://www.skyandtelescope.com/community/skyblog/observingblog/35935909.html>) and [http://science.nasa.gov/headlines/y2008/04dec\\_leonids2009.htm?list212414](http://science.nasa.gov/headlines/y2008/04dec_leonids2009.htm?list212414)), so keep a good watch out for them that evening. Finally, the **Geminids**, peaking on the night of 13 December, will also be unaffected by the Moon.

## COMETS

No bright comets are predicted this year. The brightest is Comet Lulin (2007 N3), which is visible for the first few weeks of the year, reaching magnitude 6. For more details of visible comets see the British Astronomical Association Comet Section web page, at <http://www.ast.cam.ac.uk/~jds/preds09.pdf>. It is, of course, possible that a new comet may make an unexpected bright appearance.

## EQUINOXES AND SOLSTICES

The following are the dates and times of the equinoxes and solstices in 2009:

Vernal Equinox	20 March	11.42 UT
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Summer Solstice	21 June	06.45 BST
Autumnal Equinox	22 September	22.18 BST
Winter Solstice	21 December	17.46 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 can be obtained from the Heavens-Above web site.

## **WEA COURSE**

The Astronomy Section is running its annual six-week “Star Gazing” course at the Observatory in February and March. Enrolment is through the Workers Education Association. As always, it is already fully subscribed.

## **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.

## **INTERNATIONAL YEAR OF ASTRONOMY**

2009 is the International Year of Astronomy (IYA), and will include a large number of events and activities, world-wide. Of particular interest may be the period 02-05 April, when the 100 Hours of Astronomy cornerstone project (100HA) is a worldwide event with a wide range of public outreach activities including live webcasts, observing events and more taking place during a 100-hour period. The idea is to have as many people as possible look through a telescope as Galileo did for the first time 400 years ago. The Moon and Saturn will be at good subjects for observing during this period. For more information about the UK programme for IYA see <http://www.astronomy2009.co.uk/>.

## **REFERENCES**

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

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La Société Guernesiais Astronomie Section



## CALENDAR OF ASTRONOMICAL EVENTS

Month	Date	Time	Event
Jan – Mar		Evening	Vesta visible
Jan – Mar		Morning	Comet Lulin visible
January	03		Quadrantid meteor shower
January	04	Evening	Mercury at greatest elongation
January	08	17.45	Grazing occultation of Alcyone by Moon
January	14	Evening	Venus at greatest elongation
January	25	Morning	Conjunction of Moon and Mars
January	26		Annular solar eclipse, south-east Asia
February	12	20.00 UT	WEA course starts
February	13	Morning	Mercury at greatest elongation
February	17	Morning	Conjunction of Mars and Jupiter
February	19	Evening	Venus at greatest brilliance
February	23	Morning	Conjunction of Moon with Mars and Jupiter
February	24	Morning	Conjunction of Mercury and Jupiter
February	24		Ceres at opposition
February	27/28	Evening	Venus close to crescent Moon
March		Morning	Jupiter reappears
March	01	Morning	Conjunction of Mercury and Mars
March	04	Not visible	Saturn's rings edge-on
March	08		Saturn at opposition
March	19	20.00 UT	WEA course ends
March	20	11.42 UT	Vernal Equinox
March	29	01.00 UT	BST starts
April	02-05		IYA 100 Hours of Astronomy
April	22		Conjunction of Moon with Venus and Mars
April	26	Evening	Mercury at greatest elongation
May		Morning	Venus reappears
June	13	Morning	Mercury at greatest elongation
June	19	Morning	Conjunction of Venus and Mars
June	21	06.45 BST	Summer Solstice
June	23		Pluto at opposition
July		Morning	Mars reappears
July	18	03.15 BST	Slight occultation of Alcyone by Moon
July	21/22		Total solar eclipse in India and China
August	06/07	00.00-03.15 BST	Penumbral eclipse of the Moon
August	12		Perseid meteor shower
August	17		Neptune at opposition
August	24	Evening	Mercury at greatest elongation
September	04		Saturn's rings edge-on
September	13	Morning	Conjunction of Moon with Mars
September	17		Uranus at opposition
September	22	22.18 BST	Autumnal Equinox
October		Morning	Saturn reappears
October	06	Morning	Mercury at greatest elongation
October	08	Morning	Conjunction of Mercury and Saturn
October	13	Morning	Conjunction of Venus and Saturn
October	25	01.00 UT	BST ends
November	17		Leonid meteor shower
December	13		Geminid meteor shower
December	18	Evening	Mercury maximum elongation
December	21	17.46 UT	Winter Solstice
December	31	18.51 – 19.53 UT	Partial eclipse of the Moon

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# Appendix X

## Lihou Island - Causeway Opening Times - 2009

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

## 2009 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Sun 11 Jan	1.2	12:56	Mon 09 Feb	1.0	12:47
Mon 12 Jan	0.8	13:46	Tue 10 Feb	0.6	13:33
Tue 13 Jan	0.7	14:33	Wed 11 Feb	0.4	14:14
Mon 26 Jan	2.0	13:03	Wed 25 Feb	1.5	13:17
Tue 27 Jan	1.8	13:39	Thu 26 Feb	1.3	13:50
Wed 28 Jan	1.7	14:12	Fri 27 Feb	1.2	14:21

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Wed 11 Mar	0.5	13:10	Thu 09 Apr	0.9	13:42
Thu 12 Mar	0.4	13:49	Fri 10 Apr	0.9	14:19
Fri 13 Mar	0.6	14:24	Sat 11 Apr	1.1	14:53
Thu 26 Mar	1.3	12:46	Sat 25 Apr	1.2	13:51
Fri 27 Mar	1.1	13:21	Sun 26 Apr	1.1	14:30
Sat 28 Mar	1.0	13:55	Mon 27 Apr	1.2	15:08

All times local

## Phases of the Moon - 2009

New Moon	First Quarter	Full Moon	Last Quarter
	4th Jan	11th Jan	18th Jan
26th Jan	2nd Feb	9th Feb	16th Feb
25th Feb	4th Mar	11th Mar	18th Mar
26th Mar	2nd Apr	9th Apr	17th Apr
25th Apr	1st May	9th May	17th May
24th May	31st May	7th Jun	15th Jun
22nd Jun	29th Jun	7th Jul	15th Jul
22nd Jul	28th Jul	6th Aug	13th Aug
20th Aug	27th Aug	4th Sep	12th Sep
18th Sep	26th Sep	4th Oct	11th Oct
18th Oct	26th Oct	2nd Nov	9th Nov
16th Nov	24th Nov	2nd Dec	9th Dec
16th Dec	24th Dec	31st Dec	

## APPENDIX XII - GUERNSEY AIRPORT SUNRISE/SUNSET TIMES 2009

2009 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

09	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				09		
DY	SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS	DY												
1	T	0806	1622		S	0742	1707		S	0653	1753		W	0548	1842		F	0448	1928		M	0409	2008		W	0408	2020		S	0442	1951		T	0526	1853		T	0610	1749		S	0659	1649		T	0745	1614	1			
2	F	0806	1623		M	0741	1708		M	0651	1755		T	0545	1843		S	0447	1929		T	0408	2009		T	0409	2020		S	0443	1949		W	0528	1851		F	0612	1747		M	0700	1647		W	0746	1613	2			
3	S	0806	1624		T	0739	1710		T	0649	1757		F	0543	1845		S	0445	1931		W	0408	2010		F	0410	2019		M	0445	1948		T	0529	1849		S	0613	1745		T	0702	1645		T	0747	1613	3			
4	S	0806	1625		W	0738	1712		W	0647	1758		S	0541	1847		M	0443	1932		T	0407	2011		S	0410	2019		T	0446	1946		F	0531	1847		S	0615	1743		W	0704	1644		F	0749	1612	4			
5	M	0806	1626		T	0736	1713		T	0645	1800		S	0539	1848		T	0442	1934		F	0406	2012		S	0411	2019		W	0447	1945		S	0532	1845		M	0616	1741		T	0705	1642		S	0750	1612	5			
6	T	0805	1628		F	0735	1715		F	0643	1801		M	0537	1850		W	0440	1935		S	0406	2013		M	0412	2018		T	0449	1943		S	0534	1843		T	0618	1738		F	0707	1641		S	0751	1612	6			
7	W	0805	1629		S	0733	1717		S	0641	1803		T	0535	1851		T	0438	1936		S	0405	2014		T	0413	2018		F	0450	1941		M	0535	1841		W	0619	1736		S	0708	1639		M	0752	1612	7			
8	T	0805	1630		S	0732	1718		S	0639	1805		W	0533	1853		F	0437	1938		M	0405	2014		W	0414	2017		S	0452	1940		T	0536	1839		T	0621	1734		S	0710	1638		T	0753	1611	8			
9	F	0804	1631		M	0730	1720		M	0637	1806		T	0531	1854		S	0435	1939		T	0405	2015		T	0414	2016		S	0453	1938		W	0538	1836		F	0622	1732		M	0712	1636		W	0754	1611	9			
10	S	0804	1633		T	0728	1722		T	0634	1808		F	0529	1856		S	0434	1941		W	0404	2016		F	0415	2016		M	0454	1936		T	0539	1834		S	0624	1730		T	0713	1635		T	0755	1611	10			
11	S	0803	1634		W	0727	1723		W	0632	1809		S	0527	1857		M	0432	1942		T	0404	2016		S	0416	2015		T	0456	1934		F	0541	1832		S	0625	1728		W	0715	1633		F	0756	1611	11			
12	M	0803	1635		T	0725	1725		T	0630	1811		S	0525	1859		T	0431	1944		F	0404	2017		S	0417	2014		W	0457	1933		S	0542	1830		M	0627	1726		T	0717	1632		S	0757	1611	12			
13	T	0802	1637		F	0723	1727		F	0628	1812		M	0523	1900		W	0429	1945		S	0404	2018		M	0418	2013		T	0459	1931		S	0544	1828		T	0628	1724		F	0718	1631		S	0758	1611	13			
14	W	0801	1638		S	0721	1728		S	0626	1814		T	0521	1902		T	0428	1946		S	0404	2018		T	0419	2013		F	0500	1929		M	0545	1826		W	0630	1722		S	0720	1629		M	0759	1611	14			
15	T	0801	1639		S	0720	1730		S	0624	1816		W	0518	1903		F	0427	1948		M	0403	2019		W	0421	2012		S	0502	1927		T	0547	1824		T	0632	1720		S	0721	1628		T	0800	1611	15			
16	F	0800	1641		M	0718	1732		M	0622	1817		T	0516	1905		S	0425	1949		T	0403	2019		T	0422	2011		S	0503	1925		W	0548	1821		F	0633	1718		M	0723	1627		W	0801	1612	16			
17	S	0759	1642		T	0716	1734		T	0620	1819		F	0515	1906		S	0424	1951		W	0403	2019		F	0423	2010		M	0505	1923		T	0550	1819		S	0635	1716		T	0725	1626		T	0801	1612	17			
18	S	0758	1644		W	0714	1735		W	0617	1820		S	0513	1908		M	0423	1952		T	0403	2020		S	0424	2009		T	0506	1921		F	0551	1817		S	0636	1714		W	0726	1625		F	0802	1612	18			
19	M	0757	1645		T	0712	1737		T	0615	1822		S	0511	1909		T	0421	1953		F	0404	2020		S	0425	2008		W	0507	1920		S	0552	1815		M	0638	1712		T	0728	1624		S	0803	1613	19			
20	T	0756	1647		F	0710	1739		F	0613	1823		M	0509	1911		W	0420	1954		S	0404	2020		M	0426	2007		T	0509	1918		S	0554	1813		T	0639	1710		F	0729	1623		S	0803	1613	20			
21	W	0755	1649		S	0709	1740		S	0611	1825		T	0507	1912		T	0419	1956		S	0404	2021		T	0427	2005		F	0510	1916		M	0555	1811		W	0641	1708		S	0731	1622		M	0804	1613	21			
22	T	0754	1650		S	0707	1742		S	0609	1827		W	0505	1914		F	0418	1957		M	0404	2021		W	0429	2004		S	0512	1914		T	0557	1808		T	0643	1706		S	0732	1621		T	0804	1614	22			
23	F	0753	1652		M	0705	1744		M	0607	1828		T	0503	1916		S	0417	1958		T	0404	2021		T	0430	2003		S	0513	1912		W	0558	1806		F	0644	1705		M	0734	1620		W	0805	1615	23			
24	S	0752	1653		T	0703	1745		T	0605	1830		F	0501	1917		S	0416	1959		W	0405	2021		F	0431	2002		M	0515	1910		T	0600	1804		S	0646	1703		T	0735	1619		T	0805	1615	24			
25	S	0751	1655		W	0701	1747		W	0602	1831		S	0459	1919		M	0415	2001		T	0405	2021		S	0432	2001		T	0516	1908		F	0601	1802		S	0647	1701		W	0737	1618		F	0805	1616	25			
26	M	0750	1657		T	0659	1748		T	0600	1833		S	0457	1920		T	0414	2002		F	0406	2021		S	0434	1959		W	0518	1906		S	0603	1800		M	0649	1659		T	0738	1617		S	0806	1617	26			
27	T	0749	1658		F	0657	1750		F	0558	1834		M	0455	1922		W	0413	2003		S	0406	2021		M	0435	1958		T	0519	1904		S	0604	1758		T	0651	1657		F	0739	1616		S	0806	1617	27			
28	W	0747	1700		S	0655	1752		S	0556	1836		T	0454	1923		T	0412	2004		S	0407	2021		T	0436	1957		F	0521	1902		M	0606	1755		W	0652	1655		S	0741	1616		M	0806	1618	28			
29	T	0746	1702						S	0554	1837		W	0452	1925		F	0411	2005		M	0407	2021		W	0438	1955		S	0522	1900		T	0607	1753		T	0654	1654		S	0742	1615		T	0806	1619	29			
30	F	0745	1703						M	0552	1839		T	0450	1926		S	0410	2006		T	0408	2020		T	0439	1954		S	0523	1858		W	0609	1751		F	0656	1652		M	0744	1614		W	0806	1620	30			
31	S	0743	1705						T	0550	1840						S	0410	2007										F	0440	1952		M	0525	1856						S	0657	1650					T	0806	1621	31



## Guernsey Airport Meteorological Office – Annual Report 2008



Aftermath of the storm: The coast road at Rocquaine is still blocked on 12<sup>th</sup> March after high seas smashed through the sea defences on 10<sup>th</sup> March. The low tide during the afternoon of that day gave contractors the chance to clear up a lot of debris on the island's coast roads, but this section of road and sea wall was not completely repaired until the autumn.

Photo credit: Dave Cunningham

# **Guernsey Airport Meteorological Office – Annual Report 2008**

This Annual report is produced and printed by the Guernsey Airport Met. Office and includes the monthly weather reports prepared by David Cunningham, Senior Observer – Climatology.

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Annual sunrise / set tables for Guernsey are available at £6.00 per copy.

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