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**GUERNSEY AIRPORT  
METEOROLOGICAL OBSERVATORY**



**2005  
Annual  
Weather  
Report**



Including data from

**GUERNSEY    LIHOU ISLAND    ALDERNEY    SARK**

A division of the States of Guernsey Public Services Department

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**The Guernsey Airport Meteorological Office**

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Front cover photo illustrates well defined crepuscular rays diverging from a sun that is hidden behind a robust cumulus cloud. The darker streaks are cloud shadows.

# Guernsey Airport Meteorological Observatory Annual Report 2005

## Foreword

2005 was a fairly uneventful year as far as the local weather was concerned. Overall, we enjoyed our fair share of pleasant settled spells and the statistics show that it was a drier, warmer, sunnier and less windy year when compared to the long term average. We should have been witness to a partial Solar Eclipse on Monday 03<sup>rd</sup> October but the sky was mostly covered by a layer of stratocumulus cloud.

2005 did however represent a milestone for the operation of Guernsey's Airport Met Office. One of the products of the fundamental "Machinery of Government" changes in 2004 was the formation of a separate Environment Department. Previously the Board of Administration was responsible for both the Airport (including the Met Office), and environmental matters.

The separation of these two functions offered a unique opportunity for the Met Office to examine its operation and determine its roll in both the Aviation and Island communities. I am pleased to report that as a result, the Met Office now has clearly defined responsibilities to both sectors and operates through properly funded Service Level Agreements.

In last year's Annual Weather Report I highlighted the particularly bad hurricane season of 2004 and noted the arrival of the first hurricane ever recorded in the South Atlantic - 2005 was Europe's turn.

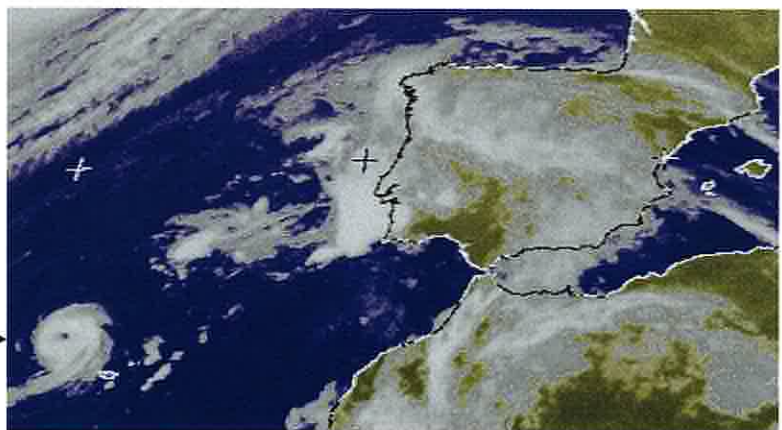
Hurricane Vince formed near Madeira on Sunday 09<sup>th</sup> October (Fig.1) and moved slowly towards the Portuguese and Spanish Atlantic coasts. By then it had been down graded in category to a Tropical Storm as the cooler waters of the more northerly latitudes reduced the amount of heat and moisture being pumped into the system. However Vince was the first recorded hurricane to form in this area and make landfall in Europe.

### **Fig.1 Hurricane Vince**

*Infra Red satellite imagery clearly picks up the tell-tale eye forming to the Northwest of Madeira on 09 October 2005.*

*Vince was not a big system by North Atlantic standards and only just made Hurricane status.*

*Its birthplace so far east and north is, however, highly unusual.*

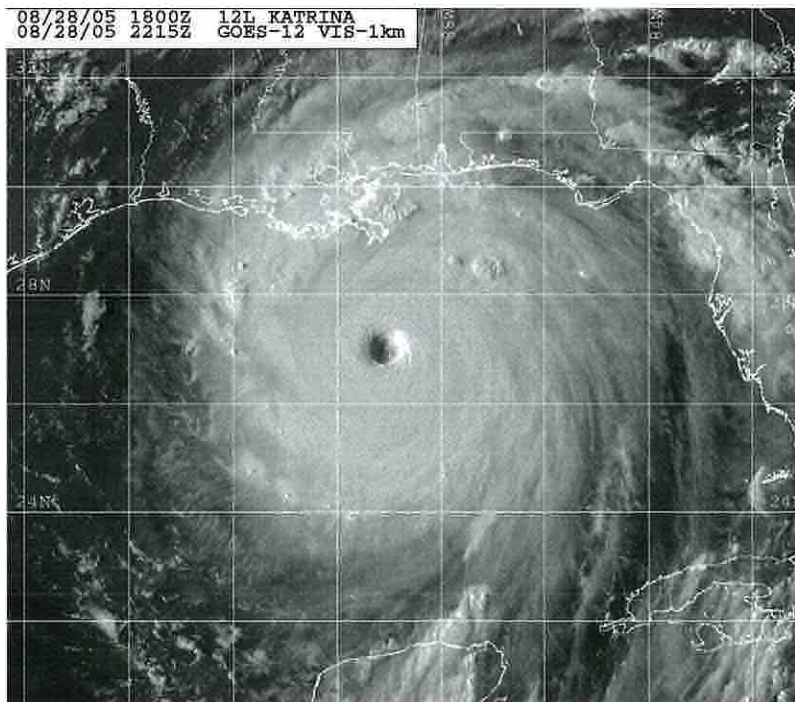


The slow increase in sea temperatures has been cited as the main reason that Hurricanes are straying from their normal habitat, and the warming of the waters surrounding Northern Europe and the British Isles has resulted in speculation that the giant "Lion's Mane" jellyfish, complete with 30m tentacles may soon be attracted to our shores.

Hurricane Vince was part of the most active hurricane season on record. During late August, New Orleans was devastated by Hurricane Katrina (Fig.2) - a category 5 hurricane (the highest



category). 155mph winds and the resultant flooding caused damage estimated at many 10's of billions of dollars. Texas was then lashed by Hurricane Rita and large swathes of Central America battered by Tropical Storm Stan.



**Fig.2 Hurricane Katrina**

*Heading towards the Mississippi Delta and New Orleans on 28<sup>th</sup> August 2005 and caught on camera by the GOES Satellite.*

*This category 5 hurricane was to cause widespread death and destruction and lead the United States Government to declare a State of Emergency in the area.*

*Scenes of widespread looting and other civil unrest were more reminiscent of poorer "third world" countries and led to homeland criticism of President George Bush's reluctance to acknowledge the causes and effects of Global Warming.*

In the past 35 years, the number of major storms worldwide has doubled as sea surface temperatures have increased. One near casualty of this change to the accepted hurricane pattern was our four brave girls of "Mission Atlantic" who set off to row the 3000 miles across the Atlantic and were caught by the tail end of a much protracted hurricane season. The girls had to shelter in their tiny cabin during many days of stormy weather and it is to their credit that they only took 67 days to complete the journey and become the first all-female crew so to do.

On Thursday July 28<sup>th</sup>, India suffered its worst monsoon since records began – 37 inches of rainfall were recorded in one day – more than Guernsey's entire annual total. On that same day a tornado was filmed devastating parts of Birmingham with 130mph winds being recorded.

During mid August, torrential rain fell across Europe causing extensive flooding. Austria, Switzerland, Romania and even Turkey were particularly badly hit with 6 people known to have been killed by lightning.

On the 19<sup>th</sup> of August – after a day of sweltering heat – central and southern areas of England suffered exceptionally heavy thunderstorms and flooding which caused chaos on the roads. The rainfall rate at the time was over an inch an hour.

Much of what I have written about here has been blamed on "Global Warming" of course, and the effects that man-made pollution has on our climate. The greenhouse gas carbon dioxide has been identified as the main culprit in trapping heat in the atmosphere, but there has been a lot of debate recently about visible pollutants also having a role in climate change.

The most obvious form of large-scale particulate pollution comes from volcanoes erupting but the mass burning of tropical rain forests and accidental incidences such as the Buncfield fuel depot fire to the northwest of London also play a part. The pollution from this incident spread out over London and left an eerie blanket of smoke covering the capital (Fig.3) and was sufficiently extensive to be picked up by satellite (Fig.4).





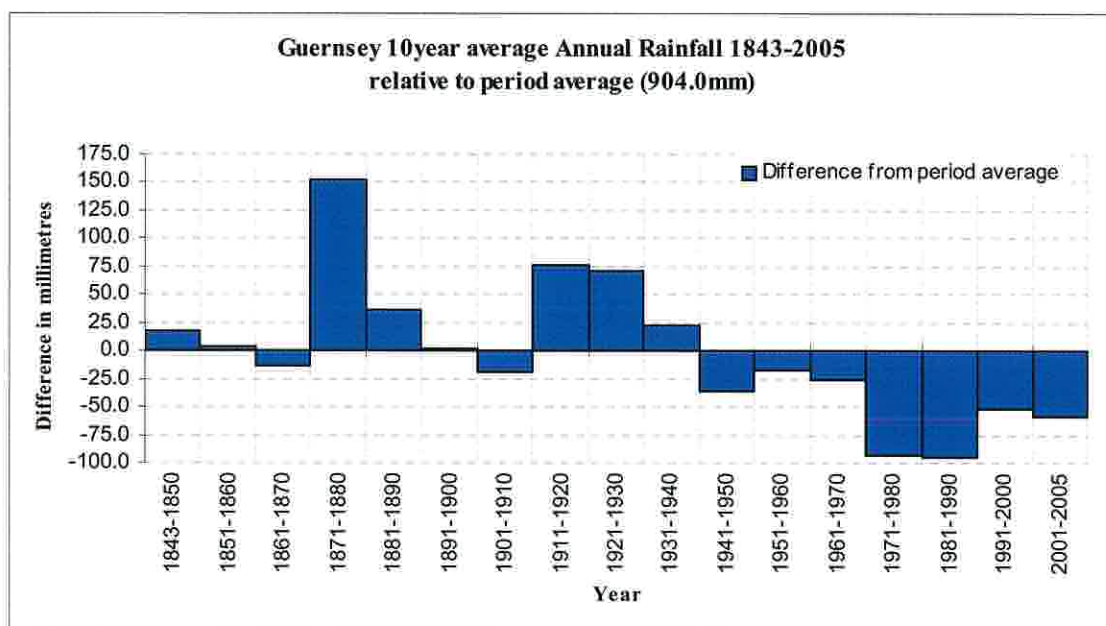
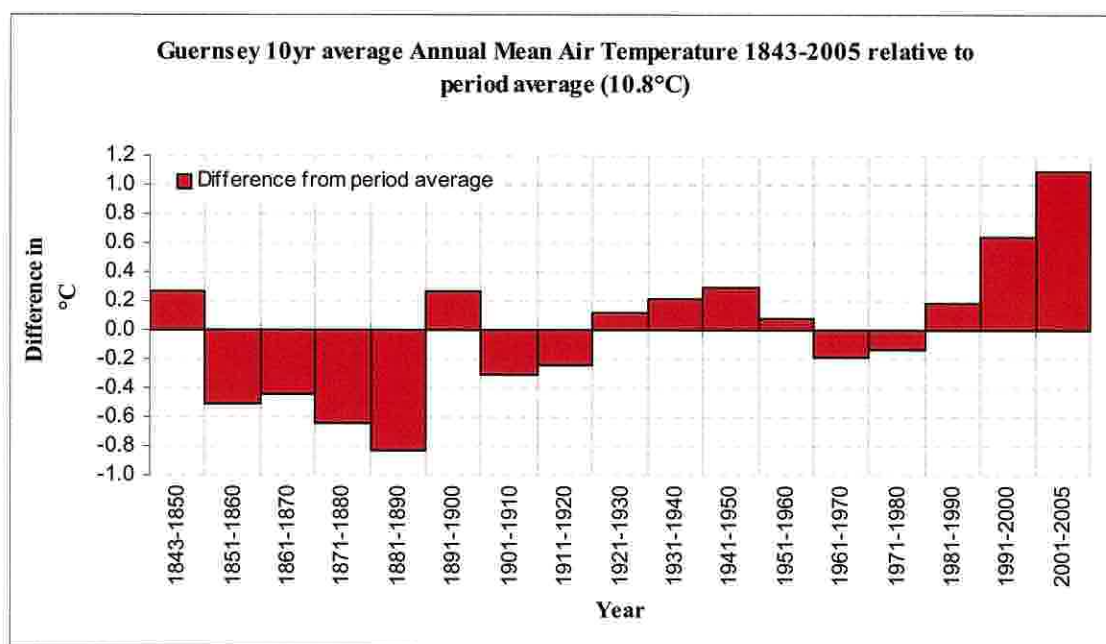
Fig.3 View across London to the Buncefield Oil Depot fire on 11 December 2005



Fig.4 NOAA satellite picture clearly showing the spread of the Buncefield Oil Depot fire

The end of the half-decade provides us with an opportunity to examine the facts concerning climate change in Guernsey. When looking for long-term trends, we have found that it is not useful to examine each year's statistics in isolation, neither is it particularly significant to compare the standard thirty year averages.

What does highlight the real changes to our local climate is a study of the decade average compared to the long-term norm. The two graphs that are included below show this comparison for rainfall and temperature and include the half-decade figures 2001 – 2005.



The graphs clearly indicate a steady and sustained increase in mean air temperature, and a very worrying trend of reduced annual rainfall that began in the 1940's and grew to a 10% reduction in the 1970's and 80's. A clear indication that our climate is changing and "Global Warming" would appear to be having a very real effect on our local weather.

Tim Lillington  
Senior Meteorological Officer  
March 2006



**Guernsey Met. Office 2005 photo archive**



**Isolated Cumulonimbus lit by a wintry sun**  
(Photo by Denys Randall)



**Decaying Thunderhead to the west of Guernsey**  
(Photo by Dave Cunningham)

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## METEOROLOGICAL OFFICE GUERNSEY AIRPORT

### COMMENT ON THE WEATHER OF 2005

As with 2004 there was a cold period of weather in the last half of February and early part of March. January, though, had been mild and with six of the following nine months being at least 0.5°C warmer than normal, this year again ended up with a mean temperature above the long-term average. With drier than average conditions early in the year and only two months being appreciably wetter than normal, this ended up as the driest year since 1997. In contrast to 2004, the early part of the year was rather dull, but thereafter most months were sunnier than usual, so we actually beat the total for 2004, and maintained the sunnier conditions that have prevailed over the last 10 years. This was a quiet year on the whole, with the mean wind speed equalling the second lowest on record.

January was the fourth mildest on record, with the only cold weather towards the end. It was also a fairly dry month, due to the dominance of high pressure. Sunshine was rather disappointing, especially when compared with the comparatively sunny conditions that have prevailed over recent years. Winds were fresh to strong for much of the month, reaching gale force on four days, but without any particularly damaging winds.

The cold weather during the second half of February ensured that this was the coldest since 1996, although we missed the severe chill that affected central Europe at the end of the month. This was a drier and somewhat sunnier month than normal. Around the middle of the month it had been windy, with one gale, although overall the wind was lighter than usual. The winter was the driest since 1997 and the duller for 10 years. The mean temperature was only the lowest for two years. Until the 20<sup>th</sup> February the temperature had fallen no lower than 2°C.

The early March chill gave way to warmer conditions by mid-month, with very warm weather towards the end of the third week. Despite being a warmer month than average this was still colder than most Marches since 1989. Rainfall was below average and this lack of rain was matched by a dearth of sunshine. The wind was much lighter than normal, with the lowest mean wind speed since 1997. April was the wettest since 2001, with the wet period from the 22<sup>nd</sup> to 29<sup>th</sup> being particularly dull with just 21.5hrs of sunshine. Overall sunshine was only slightly below average. Temperatures were lower than during the last three Aprils, but still above average. The mean wind speed was the same as for March and the lowest since 1996.

Most of May was cool and it was dull between the 12<sup>th</sup> and 26<sup>th</sup>, with no day in this period recording 10hrs of sunshine or more. Although the mean temperature was equal to the average, this was the coolest since 1996. Sunshine was the lowest for five years and rainfall the highest for three. In contrast to the preceding three months the mean wind speed was close to normal. The mean temperature for spring was only slightly above the average, which meant that, due to the warmth experienced in spring recently, this was the coolest since 2000. This was also the duller one since then and the wettest since 2002.

June was the fourth warmest on record, making a run of warm ones, although it was the coolest for three years. There were about 30hrs more sunshine than usual, with the period from the 7<sup>th</sup> to 23<sup>rd</sup> being exceptionally sunny; averaging nearly 12hrs per day. Rainfall was close to the average, although there was only one day of rain from the 7<sup>th</sup> to 23<sup>rd</sup>. July was the sixth wetter than average one in succession, although it had been mainly dry until the 23<sup>rd</sup>. Sunshine was above average, but the last nine days were rather dull.

The total of 318.4hrs of sunshine for August made it the sunniest month since July 1990 and the second sunniest August on record. Sark and Alderney were even sunnier, recording more than 330hrs each. This was warmer than normal, however, in the preceding 10 years seven were warmer still. Rainfall was below average, although this was only the driest for two years. Due to a very high frequency of north-west winds, fog was much less common than usual. The summer was the sixth warmest on record, with only 1976, 1983, 1995 and 2003 being significantly warmer. Sunshine was the highest since 1996, while rainfall was close to normal with the dry August balancing out the wetter conditions in June and July.

For the fourth year in succession September was a warmer than average month. From 1997 to 2005 none has been cooler than the norm. Rainfall was below average for the fifth year in a row, although the total was the highest since 2000. Despite being warm and dry, sunshine was only average, but this was a very quiet month, with only 1971 and 2003 having a lower mean wind speed. A very high incidence of southerly winds meant that October was the second warmest on record, beaten only by 2001. Rainfall was just slightly lower than normal, however, due to the wet conditions in recent years this was the driest October since 1999. Sunshine was near normal, while the mean wind speed was the lowest since 1995.

Following five warm months, November turned out to have average temperatures, due mainly to a cold last week. It was, though, a sunny and dry month with lighter than average winds following a windy start. Thanks to the near record



warmth in October and the warm September, this ended up as the second warmest autumn on record, tied with 1997 and only beaten by 1959. Sunshine was above average, but between 1995 and 2003 there were seven sunnier ones. Rainfall was about 50mm less than normal, making this the driest autumn since 2001.

December was a little colder and sunnier than usual, with the lowest mean temperature since 2001 and the first air frost since 1996. Rainfall was close to the average, although there was a prolonged dry period from the 8<sup>th</sup> to 25<sup>th</sup>. In these 18 days we had just 2.9mm of rain. After a windy start, with gales on the 2<sup>nd</sup>, the weather quietened down until becoming windy again in the last couple of days.

## January

Pressure was high at first, but fell through the day on the 1<sup>st</sup> as a minor weather system crossed the British Isles. This situation gave us a mild, but cloudy day with rain or drizzle in the afternoon, followed by a clearance late on. The clearer conditions brought by rising pressure lasted through the 2<sup>nd</sup>, although with a few rain or hail showers. Over the next five days the pressure was never lower than 1024mb, indicating that fair weather was likely. There was, though, a strong south-west flow across Britain bringing very wet conditions to the hilly districts in the west. Our weather was mainly cloudy and mild, with generally light rain at times.

A deepening depression moved east through southern Scotland on the 8<sup>th</sup>, bringing heavy rain and storm force winds across northern England and north Wales. It was not so rough here, although we had a brief gale during the early morning, with the temperature down on the previous day. Very mild conditions returned on the afternoon of the 9<sup>th</sup> behind a weak cold front. It stayed very mild over the following couple of days as well, but with almost no sunshine and periods of rain.

A cold front passed through late on the 11<sup>th</sup>, with clearer skies coming along early the next day. Whilst we had a mainly sunny day with a fresh breeze, Scotland was taking a battering for the second time in four days. A transient ridge of high pressure gave us light winds for a change on the 13<sup>th</sup>, but sunshine was limited and we had a few showers. The 14<sup>th</sup> was a damp and dreary day, and colder than others at this time. The fronts giving the rain then weakened to allow us two dry days with some sunshine and only a light to moderate breeze.

Active fronts pushed south-east through the area on the 17<sup>th</sup>, with a period of heavy rain that evening followed by squally showers late on, producing a gust to 64kt (74mph). Strong to gale force winds and blustery rain or hail characterised the weather for the 18<sup>th</sup>, although we also managed a decent amount of sunshine. It was back to mild and cloudy weather from the 19<sup>th</sup> to 22<sup>nd</sup>. An anticyclone became established to the west of Iberia with frontal systems affecting the British Isles. The fronts remained north of the Islands until late on the 22<sup>nd</sup>, hence the mild conditions. Over this period we had rain at times, with the wind reaching gale force on the 20<sup>th</sup>. The 22<sup>nd</sup> ended up as the wettest day of the month, with bursts of heavy rain during the late evening and overnight as a cold front went through.

There was a marked change in the weather going into the 23<sup>rd</sup> as air of Arctic origin found its way down to us. This brought much lower temperatures, but it was generally a lot brighter with long sunny periods. By dawn on the 23<sup>rd</sup> the temperature at the Airport was down to 5°C and it stayed this region until late on the 27<sup>th</sup>. There were further sunny periods from the 24<sup>th</sup> to 26<sup>th</sup>, but also a few wintry showers.

Somewhat milder air reached us late on the 27<sup>th</sup> as weak fronts moved south around an intense high centred west of Ireland. Over the last five days of the month we had very little sunshine, with a large amount of cloud trapped in the circulation around the high. This cloud ensured that there was a variation of only a couple of degrees in temperature between day and night.

## February

An intense anticyclone centred to the south-west of Ireland dominated the weather for the first three days of the month. The anticyclone then declined on the 4<sup>th</sup> as a depression approached northern Scotland. This weather pattern ensured us a dry and quiet start to February, with sunny periods on three of these days. Despite the wind being generally northerly, temperatures were above normal.

A cold front passed through the area on the afternoon of the 5<sup>th</sup> bringing several hours of rain. The front then stayed close by on the 6<sup>th</sup>, whilst weakening gradually and finally clearing away to the west during that afternoon as a south-east wind set in. A light south-east to southerly flow was with us for the 7<sup>th</sup> and 8<sup>th</sup>, giving us pleasant sunny conditions on both days. A weak front then moved south-east over the United Kingdom, bringing cloudy weather, but with little rain.



A new weather system pushed across Britain later on the 9<sup>th</sup>, with a front becoming slow moving over England and Wales the next day. This ensured that we had cloudy, but mild conditions. A secondary depression and its fronts crossed southern England and the Channel that evening and overnight. This gave continuous rain and drizzle, along with hill fog through the night and for much of the 11<sup>th</sup>. Much clearer weather came through on the 12<sup>th</sup> following the passage of the main cold front. The wind strengthened, but it stayed mild for one more day.

The 13<sup>th</sup> was a bright and breezy day with a few showers. During the early afternoon we had a heavy hail shower, with hail covering the ground for a short time. This shower was accompanied by a squall, which produced a gust to 54kn (62mph). Over the next couple of days there were a few more showers, but also sunny periods. It did, though, turn colder as the wind veered towards the north pulling in air of Arctic origin.

The wind had veered to the north-east by the 16<sup>th</sup> and this, combined with a lack of sunshine, held the temperature down to 5°C. A couple of weakening weather systems crossed the area over the next two days, maintaining the cloud cover and giving a little rain. The temperature rose slightly, getting close to normal on the 18<sup>th</sup>. A renewed blast of Arctic air brought a return to brighter, but cold weather with wintry showers.

On the 20<sup>th</sup> pressure began to build over northern Scandinavia, with low pressure being maintained over southern France. This change pulled the winds around to the north-east or east, allowing a succession of showers to come down the Channel. With the temperature staying below 4°C the showers were a mixture of sleet, snow or various forms of hail. The showers were intense enough and the temperature low enough for a covering over higher ground on the morning of the 22<sup>nd</sup>. On that afternoon a waterspout was reported off St. Peter Port, an unusual occurrence at any time of year.

The weather was similar on both the 23<sup>rd</sup> and 24<sup>th</sup>, with the heavier showers producing a covering of snow or hail at times. The showers became more frequent on the evening of the 24<sup>th</sup> and late that evening there was a brief thunderstorm. Subsequently several reports came in that ball lightning had been seen over the east and north of the Island at about 10.40 p.m. The following day a fresh to strong easterly wind and a large amount of cloud kept the temperature down to 3°C at best. A flow straight off France, though, meant that this was a dry day.

A small weather system moved south over the British Isles on the 26<sup>th</sup>, bringing less cold air for a while. There was some sleet that evening, followed by snow showers overnight as the colder air returned. After a mainly sunny morning more snow or hail showers came along during the afternoon. Towards dawn on the 28<sup>th</sup> the showers merged together, allowing a build up of 4cm of snow by mid-morning. The snow then melted rapidly when the sun came out later that morning, despite the temperature getting to not much more than 2°C.

## **March**

A weather system moved slowly south over the British Isles on the 1<sup>st</sup>. Before the fronts arrived we had some wintry showers, then rain through the afternoon and evening. Once the fronts had cleared through northerly winds returned to ensure that the cold weather persisted. There were some more wintry showers to come, with sunny spells between. A transient ridge of high pressure crossed the area on the night of the 3<sup>rd</sup>/4<sup>th</sup>. This gave light wind and clear skies, which allowed an air frost to develop, along with a moderate ground frost. The minimum air temperature of -1.1°C was the lowest in March since 1986 and the grass minimum of -8.4°C was the lowest since 1996. Another weather system moving down from the north raised the temperature for a while later that day, but the prevalent cold conditions soon came back.

Rising pressure over the United Kingdom pulled the wind around to the north-east, which did nothing to warm things up. The high edged closer over the next couple of days, which meant that the weather became mainly dry and quiet, but a large amount of cloud circulating around the high resulted in two dull days on the 8<sup>th</sup> and 9<sup>th</sup>. A weak front passed through on the 10<sup>th</sup>, giving a few spots of rain with its clearance followed by a couple of hours of sunshine. The high then declined over the next 24 hours, allowing a cold front to move rapidly south over the United Kingdom. This front went through the Bailiwick at about dawn on the 12<sup>th</sup>, giving an hour or so of rain as it did so. Bright and breezy conditions followed.

An area of slack pressure covered southern Britain and France on the 13<sup>th</sup>, giving us quiet, but cloudy weather. Pressure then fell over the central Atlantic, whilst rising over Europe. This change of pressure pattern brought the wind around to the south, pulling in milder air. We had long sunny periods on the 14<sup>th</sup>, although we still failed to see 10°C at the Airport. On the 15<sup>th</sup> 10°C was reached for the first time since 12<sup>th</sup> February, despite a lack of sunshine. Sunny periods and a south to south to south-east breeze made the next day the first day of spring. A maximum of 13.6°C at the Airport was well above normal, but the increase in temperature was even more notable away from the south coast, with L'Ancrese getting to a rather warm 17.8°C.



The pressure had risen further by the 17<sup>th</sup>, but the wind swung around to the west, pulling in an sheet of low cloud which held the temperature down. Fog was a problem at times on the 18<sup>th</sup> and we did not see the sun until mid-afternoon. By the early hours of the 19<sup>th</sup> the wind had backed to the south-east bringing drier air from France. A day of unbroken sunshine followed. There was very little cloud the next day either until the evening, so with an easterly wind it was warm generally. This time the east and north of Guernsey were the coolest, while the middle and west saw very high temperatures for March. At the Airport the maximum of 18.3°C was the highest since 1965 and the second highest March temperature on record. At Rocquaine a value of 20.6°C was reached which is higher than any reading in March in at least 160 years.

The sun disappeared the next day as cloud encroached from the south-west. With winds still blowing from the south it stayed mild, but rain arrived during the day, with some heavier rain overnight. The 22<sup>nd</sup> was mild again with a few showers then the 23<sup>rd</sup> was warm with the temperature passing 16°C for the third time in five days. A summer type of thunderstorm came along that evening, with frequent flashes of lightning that were close enough at times to trip switches on the east of the Island.

Leading into Easter, we saw a continuation of the mild weather with a reasonable amount of sunshine. Good Friday, though, was plagued with fog during the morning before the sun broke through at lunchtime. There were sunny periods on the Saturday, but low cloud rolled in for Easter Sunday, keeping it rather cool. Conditions were similar on the Monday as well, but with rain coming along late in the day. There were outbreaks of rain overnight, with patches of fog, then drizzle and thick fog on the afternoon of the 29<sup>th</sup>.

The wind had swung around to the north-west by the morning of the 30<sup>th</sup> and with low pressure over southern England filling only slowly, we caught just a brief glimpse of the sun. There were sunny periods on the morning of the 31<sup>st</sup> before high cloud, ahead of a warm front, spread in during the afternoon.

## **April**

There was early warmth brought to us by east or south-east winds, blowing between high pressure over Scandinavia and eastern Europe, and low pressure near Iberia. Despite the warmth sunshine was limited, but it remained dry during the first three days. Weak fronts crossed the area slowly on the 4<sup>th</sup>, bringing spells of rain or drizzle, with thick fog in the early hours. The associated change of wind direction pulled in cooler air and with light winds and clear skies, a slight ground frost was recorded on the 5<sup>th</sup>. Much of that day had sunny periods, before cloud and a little rain came in later on.

A deep low centred off north-west Scotland on the 6<sup>th</sup> brought windy weather to the British Isles and pushed a weak cold front through by mid-afternoon. The next day was bright and breezy, with plenty of sunshine. This was in contrast to most parts of the United Kingdom, which were mainly cloudy with some heavy showers. We did get showers on the morning of the 8<sup>th</sup>, with hail in one of them, before the sunshine returned for that afternoon. Due to a northerly airflow this was the coldest day of the month, with a maximum temperature of 9C at the Airport.

We then came under the influence of a ridge of high pressure extending north-east from a large anticyclone centred over the Atlantic. The 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> were dry and mainly sunny with temperatures recovering somewhat. By the evening of the 11<sup>th</sup> fog had spread in from the west and mist or fog, with some drizzle, plagued us for much of the 12<sup>th</sup>, despite the remnants of the high pressure ridge. With a slow moving cold front lying just south of the Islands on the 13<sup>th</sup>, we had a cool, damp and misty day with hill fog at times.

A complex area of low pressure over southern Britain and France dominated the weather from the 14<sup>th</sup> to 16<sup>th</sup>. A gentle pressure gradient ensured that the wind was light, allowing for three rather cold nights with a slight ground frost. Over England and nearby France clouds developed rapidly each day as the sun rose, producing heavy showers. Due to the cold waters of the English Channel very little cloud formed here, resulting in three sunny days, after a couple of showers early on the 14<sup>th</sup>. Despite the sunshine temperatures were rather below normal.

Once the main area of low pressure had drifted away eastwards, a passing ridge followed, with a frontal system coming along quickly in its wake. The fronts gave us rain or drizzle through the afternoon of the 17<sup>th</sup>, with thick fog coming along later. The clouds broke on the morning of the 18<sup>th</sup>, leaving us with a bright and breezy day, although a few showers arrived during the evening. A slow moving depression lying almost over the Bailiwick throughout the 19<sup>th</sup> gave a mainly cloudy and cool day, but with only a few light showers.

By the morning of the 20<sup>th</sup> the depression had filled, allowing the cloud to disperse to give us a mainly sunny day. Easterly winds and higher pressure helped to make the 21<sup>st</sup> the sunniest day of the month with more than 12 hours of sunshine recorded. All changed the next day with fronts close by from shortly after dawn. Rain was with us for the



afternoon and evening, to produce the wettest day of the month. Mist and hill fog arrived during the late evening, persisting overnight. The weather cleared up on the morning of the 23<sup>rd</sup> to give us several hours of sunshine, which, with the benefit of a southerly wind, allowed the temperature to approach a value not seen since the first few days of April.

Fronts pushed up from the south on the 24<sup>th</sup> before slowing down, to give us another wet day with mist and patches of hill fog. A trough of low pressure hung around over the Channel the next day as well, maintaining cloudy and misty conditions. Low pressure maintained its control over our weather for the following couple of days as well, but with no fronts nearby we managed sunny spells and showers. As the centre of the low was off western Ireland, winds were blowing from between south and south-west keeping the temperature several degrees above normal, especially away from the exposed south coast.

A new depression swung north close to Ireland on the 28<sup>th</sup>, producing another wet day with mist and hill fog patches. The pressure had risen by the 29<sup>th</sup>. However, a trailing front hung over the area throughout the day. This kept our weather cloudy with drizzle at times, whilst fog caused problems for flying for several hours. By the evening the front had moved north to the south coast of England, allowing some brightness. Fog returned overnight before thinning out the next morning, to give us the warmest day of the month.

## May

A complex area of low pressure centred to the west of Biscay on the 1<sup>st</sup> gave us a warm southerly flow to start the month. A weak front passed through overnight depositing a little rain, then conditions brightened again for the Bank Holiday. This provided good weather for the Muratti and Guernsey's first horse race meeting in 13 years, although a few heavy showers affected the south-west of the Island during the afternoon. The low then moved north-east across the United Kingdom, pulling the winds around to the west then north-west. This change resulted in a couple of rather cloudy days, with much lower temperatures.

A ridge of high pressure crossed the area on the 5<sup>th</sup>, allowing us a mainly sunny day. A very weak front was close by the next day, ensuring generally cloudy conditions and it became rather windy as well. The cloud cleared away for the 7<sup>th</sup>, but the wind remained fresh. With high pressure to the west of Britain and low pressure over southern Norway, the next two days saw cool and sunny weather. The high moved east over Britain, bringing the wind around to the north-east. Little else changed with skies staying clear and the temperature not climbing very high.

The settled conditions began to break down on the 12<sup>th</sup> as a depression pushed northwards over the Bay of Biscay. This created a tightening pressure gradient over the Channel, ensuring us strong winds with gusts up to gale force. Rain arrived early the following day, dying out during the morning before more rain and drizzle came along later. The rain became heavy at times around dawn on the 14<sup>th</sup> and the rest of the day was rather damp and cool, with no sunshine. Another cloudy day followed, although there was only a small amount of rain.

The low pressure filled and slipped away south on the 16<sup>th</sup>, as northerly winds started to extend south over the United Kingdom. We had some sunshine with the temperature close to normal, but it became rather cool again on the 17<sup>th</sup> as the Arctic air reached the Channel. Clear skies and light winds that night produced a localised minor ground frost, but the day was at least mainly sunny.

By the 19<sup>th</sup> fronts, from a complex depression over the Atlantic, had brought in rain and drizzle. With moist air coming in from the south-west hill fog developed, becoming thick for a time around midday. There was light rain at times in the afternoon, with heavier rain coming through early on the 20<sup>th</sup>. The clearance of a cold front allowed us sunny periods during the afternoon before showers arrived overnight. Showery troughs crossed the Bailiwick from the 21<sup>st</sup> until the early hours of the 23<sup>rd</sup>. Some of the showers were heavy, but we managed good periods of sunshine as well.

A depression moved north-east over the British Isles on the 24<sup>th</sup>, with the resultant moist airflow giving us cloudy and damp conditions. There were also patches of hill fog, with some thick fog for an hour or two during the afternoon. The wind backed to the south-east overnight pulling in drier air from France, clearing away any low cloud. The day saw sunny periods, with the south-east wind helping the temperature to reach a value not seen since the April 30<sup>th</sup>. A veer of the wind brought a return of low cloud and fog patches for the 26<sup>th</sup>, followed in turn by warm south-east winds again the next day. The temperature reached 24.5°C at the Airport, higher than that which occurs in most years, but not a record. At L'Ancrese the maximum was 25.7°C a figure only beaten during May, in 2002.

The weather became much cooler on the 28<sup>th</sup> following the passage of a weak cold front. The front gave no rain, instead producing a few hours of cloud, followed by mainly sunny conditions. On the 29<sup>th</sup> a slow moving front over France



maintained a veil of cloud across us, but left us dry and cool. The Bank Holiday was dry and sunny, with the dry weather continuing for the end of the month, although cloud increased once more.

## June

A very moist south-west airflow covered the area on the 1<sup>st</sup> and much of the 2<sup>nd</sup>, giving cloudy weather with extensive fog and some drizzle. Clearer conditions spread in on the afternoon of the 2<sup>nd</sup>, followed by more cloud that night. A showery south-west airstream spread in on the 3<sup>rd</sup>, persisting through the 4<sup>th</sup> as well. This allowed sunny periods with temperatures close to normal. An active warm front came in from the south-west the next day, giving us cool, wet and murky weather, with hill fog that afternoon. It stayed murky on the 6<sup>th</sup> with further patches of fog, before a developing anticyclone pushed the cloud out of the way.

By the morning of the 7<sup>th</sup> a large anticyclone had taken up position over the British Isles. This brought a prolonged period of dry and sunny weather, however, with the air being of Polar origin temperatures were slightly below average despite the sun. With the high being maintained, though, daytime temperatures picked up with a pleasant 19°C on the 10<sup>th</sup>. A very weak cold front crossed the area overnight, re-introducing the Polar air so that it turned cooler, while the sun continued to shine. The centre of high pressure then drifted north with a depression forming over the North Sea. This had little effect on our weather with no change in the sunny conditions.

Late on the 14<sup>th</sup> cloud spread in from the south-west, bringing several hours of rain early on the 15<sup>th</sup>. The cloud broke up during the morning, though, to keep the generally sunny theme going. The real change in the weather started the following day as warm and moist air swept north-east into southern Britain. We had some light drizzle with patches of fog, which did not become a real problem until late in the day. By the morning of the 17<sup>th</sup> an anticyclone had become established just to the south of us. There was some fog at first, with fog banks persisting over the sea for much of the day. Despite a lack of sunshine it warmed up, with 21°C (70°F) being reached for the first time this month.

The high then edged north-east pulling in drier air off France, to clear away any fog. The 18<sup>th</sup> was a day of unbroken sunshine and a light to moderate easterly breeze, allowing the temperature to climb to 26°C at the Airport and 28°C at Rocquaine. The following night was exceptionally warm for June with the temperature falling no lower than 20.9°C. Only August has produced a higher night-time minimum. The 19<sup>th</sup> was, not surprisingly, very warm with L'Ancrese being the warmest part of the Island, peaking at 27.6°C. The wind swung around to the west during the afternoon with a weak cold front crossing the Bailiwick overnight to bring in much cooler air.

The 21<sup>st</sup> also saw lower temperatures, but still above the June norm. A renewed build of pressure from the south-west ensured that this was another sunny day. The 22<sup>nd</sup> managed almost the maximum possible amount of sunshine and with the wind in the east once more the temperature climbed again. The 23<sup>rd</sup> was a very warm day, but by now thundery low pressure had extended from Spain into western France. There was lightning overnight, but no thunder was heard. The 24<sup>th</sup> and 25<sup>th</sup> were both warm days, although the 25<sup>th</sup> was mainly cloudy with some fog in the morning.

A renewed build of pressure across the British Isles pushed the thundery low pressure back south. This also resulted, though, in strong north-east winds which caused a drop in the temperature and pulled in cloud from the North Sea on both the mornings of the 26<sup>th</sup> and 27<sup>th</sup>. The hot weather had not gone far away, only as far as southern Brittany. This produced thunderstorms, which drifted close by at around dawn on the 27<sup>th</sup>, with a burst of heavy rain for some parts of the Islands. A much more spectacular display of lightning took place on the night of the 27<sup>th</sup>. Lightning was visible for about five hours, with spells when the lightning merged together for a few minutes. There was also thunder for a while and about 15 minutes of heavy rain. This storm did not clear the air, though instead it was very warm once more on the 28<sup>th</sup>, with the Airport reaching 25°C for the fourth time this month.

The 29<sup>th</sup> was a less warm day, with a heavy shower in the evening and fog late on. There was further rain early on the 30<sup>th</sup> which, combined with the showers the previous evening, marked the 29<sup>th</sup> down as the wettest day of the month. After the clearance of some patches of fog the weather brightened up during the afternoon.

## July

This month began poorly with weak fronts crossing the area, giving us rather cool and damp conditions with thick fog at times. The fronts had moved north by the 2<sup>nd</sup> with pressure rising across the Channel, to allow a much brighter day with temperatures close to normal. There were sunny periods on the morning of the 3<sup>rd</sup>, before another weak front came in from the west to bring cloud and some light rain. Bright and breezy weather followed the next day, but despite it being mainly sunny, temperatures were below normal.



The 5<sup>th</sup> was another bad day after some early sunshine. A set of fronts brought rain and drizzle during the morning, followed by heavy rain in the early afternoon. This was, not surprisingly, rather cool again with the temperature reaching 15°C at best. The wind was at its strongest on the 6<sup>th</sup>, but any rain soon cleared with the cloud becoming broken. The pressure then rose gradually over the next few days, allowing us to enjoy dry and mainly sunny weather. Thanks to the sunshine daytime temperature climbed slowly, although temperatures overnight were a little on the low side.

The 10<sup>th</sup> was the first truly warm day of the month, due to plenty of sunshine and only a light to moderate north-east breeze. It was even warmer the following day with the temperature climbing close to 25°C. Little had appeared to change in the pressure pattern on the 12<sup>th</sup>, with high pressure across the British Isles and low pressure over southern Europe. Nonetheless, cloud spread in for a while, with some mist or fog and the temperature fell back considerably. Clear skies and light winds brought a return of the very warm conditions, although there was sea fog drifting onto coasts on the morning of the 13<sup>th</sup>.

By the 15<sup>th</sup> pressure had fallen with weak fronts moving south-east over the United Kingdom. The fronts brought little in the way of cloud, but their passage was followed by cooler air coming in from the north-west. Thundery low pressure moved north across France on the 17<sup>th</sup>, getting close enough for a few rumbles of thunder to be heard from Guernsey Airport. Sark, on the other hand, reported a thunderstorm overhead during the early hours of the 18<sup>th</sup>, with some rain, whereas Guernsey was dry.

Once the thundery low had edged away the pressure rose again, so that, despite fronts passing through on the 18<sup>th</sup>, we saw only light rain. On the 19<sup>th</sup> and 20<sup>th</sup> we had a moderate to fresh westerly wind with variable cloud. It was, though, rather warm and still dry. The next couple of days were sunnier, but they did mark the end of more than two weeks of dry and sunny weather. A deepening depression came in from the Atlantic late on the 22<sup>nd</sup> bringing our first proper rain since the 5<sup>th</sup>. The 23<sup>rd</sup> turned out to be a wet day, with fog at times in the morning and again late on. The rain cleared through the following morning followed by sunshine in the afternoon.

A new depression began to push north-east over western Biscay on the 25<sup>th</sup>, with cloud spreading in ahead of it. Rain arrived around dawn on the 26<sup>th</sup>, and was with us for most of the day. The rain was accompanied by low cloud, giving extensive hill fog, which ensured that there were no movements through the Airport from mid-afternoon onwards. The fog and rain stayed around into the early hours of the 27<sup>th</sup>, finally dispersing a couple of hours after sunrise. Although the day was mainly cloudy the temperature was several degrees above normal. There were a few light showers in the afternoon, with the showery conditions continuing on the 28<sup>th</sup>. This was, though, a reasonably sunny and warm day, especially in parts sheltered from the southerly breeze.

The 29<sup>th</sup> saw the temperature fall back to around average, although there was a fair amount of sunshine again. The last two days were mainly cloudy and rather cool, with showers overnight.

## **August**

A slack area of pressure covered the Channel on the 1<sup>st</sup>, but with the pressure rising slowly across the British Isles. This gave us a dry and mainly sunny start to the month, with a day of unbroken sunshine to follow on the 2<sup>nd</sup>. A very weak front passed through early on the 3<sup>rd</sup>, followed by a renewed build of pressure leading to another mainly sunny day. A small weather system then approached southern Britain late on the 4<sup>th</sup>. This system had moved through into the southern part of the North Sea by midday on the 5<sup>th</sup>. We had a small amount of rain or drizzle, accompanied by hill fog, before sunshine returned for the afternoon. Another small low passed nearby early on the 7<sup>th</sup> giving several hours of moderate or heavy rain and drizzle. The cloud cleared rapidly after dawn, though, to leave us with another mainly sunny day.

A rather shallow high then controlled our weather for the next five days, keeping any fronts away from the Islands. This ensured us dry and sunny conditions, light winds and temperatures a little above normal. By the 13<sup>th</sup> a small low had begun to move east across Scotland, with its fronts bringing cloud and rain to the rest of the British Isles. We started the day with sunshine, however, this was replaced by rain, drizzle and hill fog the afternoon. With high pressure becoming established once more for the following four days, we saw a return of the dry and sunny weather. Temperatures also climbed higher than they had been previously, although they were only in the warm category.

A reversion of the temperature to normal followed the passage of a cold front, which gave some heavy rain early on the 19<sup>th</sup>. The rest of the day was bright and breezy, with more sun to come over the next couple of days. A set of fronts, which had been making slow progress across Ireland, reached the area on the 22<sup>nd</sup> bringing some rain, drizzle and fog for a while. The weather pattern had now become less settled, with a deepening depression moving rapidly east towards Ireland on the 23<sup>rd</sup>. We managed a reasonably sunny day again, but there was a marked change the following day. By the early hours of the 24<sup>th</sup> the depression from the Atlantic had deepened further and turned north-east, passing to the west of



Scotland. The associated fronts took the whole day to clear through, giving us over 12 hours of rain, and causing the first day of the North Show to be closed early.

By the morning of the 25<sup>th</sup> we were covered by a showery westerly airstream. There were only a couple of showers, but a brief heavy one caught the north of Guernsey during the middle of the day. Despite a small ridge of high pressure the 26<sup>th</sup> was a mainly cloudy day, with the temperature below normal. A shallow low moving south-east over western Biscay on the 27<sup>th</sup> produced a cloudy morning, followed by a fine afternoon. For the following three days our weather was controlled by high pressure, keeping any fronts away from us. We managed three sunny days, with the temperature climbing to reach its highest for the month on the afternoon of the 30<sup>th</sup>. The highest reading was from Rocquaine with a figure of 27.5°C. That night was unusually warm with the temperature staying above 20°C until about dawn on the 31<sup>st</sup>. After a mainly sunny and warm morning, the weather change rapidly towards lunchtime as the wind swung around to the west, pulling in rather cool and cloudy air. Despite the cloud there was little rainfall, although a rumble or two of thunder were reported.

## **September**

A weak cold front passed through the area on the morning of the 1<sup>st</sup>, giving cloudy weather with a little rain and drizzle. Once the front was clear the afternoon became sunny and reasonably warm. A developing anticyclone then moved north-east across us, to bring a day of unbroken sunshine for the 2<sup>nd</sup>. As the anticyclone moved off to the North Sea the flow became easterly, pulling in very warm air from France. At the Airport the temperature reached 25°C on the afternoon of the 3<sup>rd</sup>, with 27°C being recorded on the west coast. That night a moderate east to south-east wind ensured that the temperature remained high throughout. The lowest overnight was 20.4°C, which is 1.5°C higher than recorded on any previous September night. This unusual warmth did not persist through the following day as the wind had veered to the west by the end of the morning; the change being marked by a thunderstorm.

Over the next six days the pressure stayed relatively low, but with the centre of low pressure south-west of us a generally southerly flow continued, ensuring a continuation of warm and mainly sunny weather. Showers on the evening of the 9<sup>th</sup> and heavy rain in the early hours of the 10<sup>th</sup> made this the wettest day of the month, although most of this rain missed the north of the Island.

By the 11<sup>th</sup> pressure was rising over the United Kingdom, while the low was slipping south and filling. The remnants of old fronts, though, drifted south from England to bring a general increase of cloud. The 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> were dull days, despite high pressure, but these did mean that we had fairly warm nights and daytime temperatures remained above normal. A developing depression began to move into Ireland on the 15<sup>th</sup>, bringing us a cloudy, damp and breezy day with hill fog. As the depression moved away to the east a northerly flow spread south, to bring much cooler weather.

A new high edged in from the south-west, to give a mainly sunny day on the 17<sup>th</sup>, although this was the coldest day of the month, with the temperature just failing to reach 15°C at the Airport. As the high drifted farther north-east the wind fell light and temperatures rose once, although not approaching the values from earlier on. Fronts did affect parts of the British Isles between the 18<sup>th</sup> and 22<sup>nd</sup>, but the high pressure kept the Bailiwick dry.

Another change to the weather pattern started on the 23<sup>rd</sup>. The cold front, from a depression west of Scotland, crossed the area giving a little rain. A short-lived ridge of high pressure affected us on the 24<sup>th</sup>, but we did have very light showers, with a number of funnel clouds seen to the south of Guernsey during the morning. A new front swept through early on the 25<sup>th</sup>, with its passage marked by a couple of hours of rain. That day was mainly sunny, but by now a much deeper depression was forming over the north Atlantic. The fronts from this depression brought heavy rain early on the 27<sup>th</sup>, with the weather brightening up by late morning.

The wind had already strengthened generally by the 28<sup>th</sup>, but it increased further that afternoon as a secondary low passed rapidly east over the United Kingdom. This low was out of the way by the 29<sup>th</sup>, with a transient ridge of high pressure allowing a reasonably sunny day. The warm front from the next depression arrived just before dawn on the 30<sup>th</sup>. The air behind this was very moist, with fog causing considerable problems for flying throughout the day.

## **October**

A cold front had just cleared through by the start of the month, with an anticyclone moving in behind it. This gave us fair and mild weather for the 1<sup>st</sup>, although there was a fresh to strong breeze blowing. The anticyclone edged closer over the next three days, whilst weakening somewhat. This maintained dry conditions with temperatures close to normal, but



there was a large amount of cloud at times. Pressure was still high on the 5<sup>th</sup>, however, the remnants of low pressure over Europe came close enough to bring drizzle which continued into the 6<sup>th</sup>.

The wind then veered towards the south as the area of high pressure drifted off farther to the east. This pulled in warmer air and allowed the cloud to break up. A weak cold front passed through on the evening of the 8<sup>th</sup>, followed by a renewed build of pressure. This brought clear skies and light winds, which helped the temperature to fall to 9.4°C at the Airport; the lowest for the month. That day was mainly sunny and a return of south-east winds brought in some very warm air for the 10<sup>th</sup>. At the Airport a maximum of 20.4°C was recorded, between 4 & 5°C above normal. The west coast saw values closer to 22°C.

The flow of warm air was maintained for the next couple of days, but fronts were by now affecting western Britain. This situation brought cloudy weather, holding down the daytime temperature while ensuring warm nights. There was rain on the afternoon of the 11<sup>th</sup> and again on the evening and night of the 12<sup>th</sup>. This heavy rain brought an end to the generally dry conditions that had prevailed before. There was a brief drop in temperature after the rain, as the wind swung around to the north. High pressure then reasserted its influence, with warm air being pulled in once more from France as the wind moved to the east. The 15<sup>th</sup> turned out to be the sunniest day of the month with nearly 10hrs recorded and the temperature reached 20°C again.

By the morning of the 16<sup>th</sup> an occluded front had moved north to bring us moderate or heavy rain, with the rain easing during the afternoon. Overnight the cloud tended to break up, so that the 17<sup>th</sup> was a reasonably sunny and rather warm day. The weather pattern then changed somewhat with an active cold front swinging in from the south-west on the 18<sup>th</sup>. This brought heavy rain for the Islands during the evening, with more than 25mm (1in) of rain falling over the north of Guernsey. There were sunny periods and showers the next day, with lower temperatures. During the early afternoon of the 19<sup>th</sup> one heavy shower was accompanied by thunder, with a funnel cloud being visible for a while.

The unsettled and cooler weather continued for the following few days. There was, though, a fair amount of sunshine on both the 20<sup>th</sup> and 21<sup>st</sup>, but also a spell of cloud and rain overnight. With low pressure over the United Kingdom and a declining weather system moving up the Channel, the 22<sup>nd</sup> was cloudy and rather damp. Brighter conditions came along for the 23<sup>rd</sup>, although by that afternoon fronts from the next system were already making their presence felt. Rain arrived late in the day and continued off and on through the 24<sup>th</sup>. Temperatures were on the up once more, though, as a fresh to strong south-west flow became established. The 25<sup>th</sup> had some of the strongest winds of the month, although there were sunny periods following the clearance of overnight rain.

On the 26<sup>th</sup> the flow backed to the south and weakened, with a warm front passing through the area during the morning. By the early afternoon the sky was clearing, to allow warm sunny periods to develop. At the Airport the temperature reached 19.1°C, or more than 5°C above normal. Due to the southerly wind L'Ancrese was even warmer, reaching a high of 20.7°C. There were similar temperatures on the 27<sup>th</sup> with the sun shining for much of the day. That night a cold front passed through, bringing a period of rain and lower temperatures. A persistence of a southerly flow ensured that the record warmth continued for the rest of the month, although the dominance of low pressure kept it cloudy and rather windy for much of the time. Rainfall was, however, limited at this stage with most coming in a few heavy showers on the 31<sup>st</sup>.

## **November**

Low pressure to the northwest of Scotland produced some heavy showers across the Bailiwick in the early hours of the 1<sup>st</sup>. A weak ridge of high pressure dampened the showers for the remainder of the morning. However cloud from the next Atlantic frontal system thickened during the afternoon and produced some heavy rain in the evening. This frontal system stayed close to the islands on the 2<sup>nd</sup>, giving an overcast day with rain and drizzle. The cold front finally moved away to the east during the evening to put us back in a showery airstream, which stayed with us during the 3<sup>rd</sup> and the 4<sup>th</sup>. The 5<sup>th</sup> saw another weak ridge of high pressure cross the islands ahead of Atlantic fronts, which affected western parts of Britain. This resulted in a mild SSW'ly flow covering the islands and it was not until midday on the 6<sup>th</sup> that we were affected by the cold front which produced some moderate, and at times heavy rainfall during the afternoon, clearing the islands by the evening.

The 7<sup>th</sup> saw a deepening depression approaching western Ireland, although the weather in the islands was fairly quiet with the winds did gust to force 7 during the evening. This depression continued to move towards Northwest Scotland but it was not until the evening of the 8<sup>th</sup> that more heavy rain affected the islands. The cold front cleared through by the early hours of the 9<sup>th</sup> to be replaced by a much clearer airstream with visibilities around 60km.



By the 10<sup>th</sup>, high pressure over France and low pressure across Iceland combined to bring cloudy but mild conditions to the Islands. Another developing depression deepened and moved towards the northwest of Scotland on the 11<sup>th</sup> with the cold front from this system bringing a spell of heavy rain across us in the evening along with some gale force gusts. The 12<sup>th</sup> was a much fresher day with cooler temperatures and a good scattering of rain and hail showers.

The showers died out on the 13<sup>th</sup> as a ridge covered the islands producing a fine and sunny but cooler day. This ridge stayed with us on the 14<sup>th</sup> giving another mainly fine day and with light winds and clear skies during the evening which allowed the grass temperature to fall to minus 1.5°C, the first ground frost of this winter.

A warm front encroached from the northwest during the morning of the 15<sup>th</sup> producing a good deal of low cloud and also outbreaks of rain and drizzle from around mid-morning. This warm front was quickly followed by the cold front, which cleared to the south of the islands by the evening to be followed by a much cooler airstream with arctic origins. Indeed the 16<sup>th</sup> saw temperatures falling through the day, although held up to a certain extent by a thick layer of stratocumulus cloud that did not break up until late evening.

Our winds fell light during the 17<sup>th</sup> as high pressure slowly built across Britain. This anticyclone continued to intensify for the next several days giving dry conditions across the Bailiwick with a good deal of sunshine and temperatures just below normal.

It was not until the 24<sup>th</sup> that the anticyclone receded westwards into the Atlantic allowing fronts to be driven southwards by an arctic blast. Rain arrived in the islands around lunchtime on the 24<sup>th</sup> giving way to showers come the evening and a marked drop in temperature. This arctic air gave us numerous rain, sleet and hail showers on the morning of the 25<sup>th</sup> and kept daytime temperatures to a maximum of only 5.4°C. The 26<sup>th</sup> continued in a cold lull with further rain and hail showers at times. The 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> all stayed cold as the winds stayed in the north, with more showers but excellent visibility away from the showers.

The 30<sup>th</sup> finally saw the cold arctic air being cut off as a warm front encroached from the west. Rain fell from around mid-morning and air temperatures got back into double figures during the evening.

## **December**

Complex low pressure to the west of Britain and high pressure over central Europe kept NW France, the Channel and all of the United Kingdom under the influence of a S to SW'ly Atlantic airflow, thus ensuring the Islands suffered a mild wet and windy start to the month.

By early morning of the 2<sup>nd</sup>, the Atlantic depression had deepened and moved south towards the mouth of the Channel. Core pressure of this depression had dropped to 960mbs with Guernsey Airport recording the lowest pressure of the month at 969.9mbs. The associated unsettled weather led to the Islands suffering the first full gale since February with damaging gusts up to 62kts. The storms blew down a number of trees and created problems along the west coast as high spring tides coupled with the very strong onshore winds made some coastal roads nearly impassable.

This depression continued to dominate our weather for several more days with wet and windy conditions throughout, particularly on the 4<sup>th</sup> when heavy rain and lightning were recorded. The unsettled spell slowly turned to a breezy, brighter, and more showery weather regime as the system moved away to the northeast and the shift in position pulled the airflow around to the northwest introducing cooler air from sub Polar regions by the 5<sup>th</sup>.

A weak ridge of high pressure then tracked across Southern Britain and the Channel bringing a welcome break in the wet and windy weather overnight on the 6<sup>th</sup> and leading to the first ground frost of the month. It was a short lived reprieve however as the next Atlantic low soon barged into southern Britain bringing strong winds and heavy rain back to the Islands by late afternoon of the 7<sup>th</sup>. The system left as quickly as it arrived and headed SE towards Italy bringing welcome snow to local ski resorts.

By the evening of the 8<sup>th</sup>, high pressure was beginning to dominate from Scandinavia right across Northern Europe through to Spain. Much drier but cooler winds off the Continent then ensued which led to a cold but mainly settled spell of weather with much lighter winds that was to last for several days. During this period air pressure rose to over 1040mbs. and temperatures dropped below the seasonal norm to as low as 2.1°C on Sunday 11<sup>th</sup>. This was probably the most pleasant day of the month, cool but dry and quiet with barely a cloud in the sky and 7.2 hours of sunshine being recorded.

The following day, a cold front moved southwards across the Channel bringing thick cloud and light rain for a time and a shift in the wind to the northeast. By now, the centre of the high pressure belt had become established to the west of



Britain and the airflow remained damp and cloudy as the direction of the wind continued to back through northwest. Temperatures were climbing steadily during this period with the airflow now having nearly sub-tropical origins and 12.2°C was recorded on the 16<sup>th</sup> – the warmest day of the month. Later in the day however, a cold front moved slowly south across the Channel which heralded a return to more seasonal temperatures as the airflow, once again became more polar in origin.

This remained the case until later in the day on the 18<sup>th</sup> by which time the high pressure belt had transferred to occupy much of Western Europe. This allowed Atlantic fronts to once more invade from the west and cross the Islands overnight bringing some light rain and drizzle. The cold front only cleared slowly from northern France and so generally cloudy conditions prevailed at first but the following ridge did bring some welcome sunshine later on the 19<sup>th</sup> and on the 20<sup>th</sup>.

High pressure remained dominant to the south but fronts over southern England ensured that we did not get the full benefit with a cloudy damp day on the 21<sup>st</sup> clearing slowly to allow the sun through once more on the 22<sup>nd</sup>. However the airflow settled down in the southwest and quickly marked a return to damp and dismal conditions with no sunshine being recorded for either the 23<sup>rd</sup> or 24<sup>th</sup>. There was little rain about though so the last minute Christmas shopping was able to go ahead reasonably unhindered by the unseasonably mild but essentially dry and quiet conditions.

By now the high pressure was shifting its position and was now settling down over Britain pulling our airflow around to the northeast. Overnight on Christmas Eve this airflow pushed a cold front southward across the Channel bringing much brighter and cooler weather in its wake for Christmas Day. The pleasant weather was short lived once again as the high extended north-eastwards digging well into Scandinavia ensuring a North Sea track to our weather. Heavy showers provide over half an inch of rain on the 26<sup>th</sup> with temperatures dropping steadily.

The high centred over Britain was now transferring over Scandinavia and this provided several days of cold weather with snow being recorded on the 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> and air temperatures dropping to 0.3° below freezing on the 29<sup>th</sup> with a ground frost of minus 7.6°C in the early morning. Later in the day however Atlantic fronts pushed into the Channel to ensure that December finished as it and, coincidentally, 2005 started with mild wet and windy weather persisting.

Guernsey Airport Meteorological Observatory  
15 March 2006

## ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2005	DIFFERENCE FROM AVERAGE	2005	PERCENTAGE OF AVERAGE	2005	PERCENTAGE OF AVERAGE
JAN	8.1	+1.5	68.1	76.3	48.4	83.6
FEB	5.7	-0.6	54.9	71.8	82.2	104.8
MAR	7.8	+0.4	39.3	58.9	95.5	75.7
APR	9.5	+0.8	75.9	148.5	180.7	98.6
MAY	11.7	+0.1	46.7	94.2	223.8	95.7
JUN	15.7	+1.7	46.7	101.1	268.5	112.7
JUL	17.0	+0.8	53.2	141.5	258.0	104.0
AUG	17.1	+0.5	33.1	72.3	318.4	135.5
SEP	16.4	+1.3	45.7	68.4	173.3	99.6
OCT	15.1	+2.5	83.8	94.1	116.9	98.8
NOV	9.6	+0.1	76.0	77.6	102.1	136.3
DEC	7.3	-0.5	108.5	101.1	63.3	119.3
YEAR	11.8	+0.7	731.9	88.8	1931.1	106.1



## SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2005	DATE	AVERAGE 1971-2000		2005	AVERAGE 1971-2000
JAN	48.4	57.9	112.8	1998	26.0	1966	6.4	29th	18.0	21.5	11	10.7
FEB	82.2	78.4	140.9	1959	36.1	1976	8.7	8th	27.9	26.6	4	6.9
MAR	95.5	126.1	206.1	1973	67.4	1964	11.0	24th	26.0	34.3	6	5.6
APR	180.7	183.2	280.4	1984	122.2	1981	12.8	21st	44.2	44.8	4	2.6
MAY	223.8	233.8	336.4	1989	136.9	1981	14.7	30th	47.3	49.4	4	1.8
JUN	268.5	238.2	355.3	1975	147.8	1977	15.5	22nd	55.8	49.5	1	1.9
JUL	258.0	248.1	335.9	1959	167.7	1972	15.0	11th	53.3	51.2	3	1.4
AUG	318.4	235.0	323.0	1955	139.2	1992	14.3	2nd	71.9	53.1	0	1.2
SEP	173.3	174.0	266.5	1959	104.5	1956	12.7	2nd	46.0	46.2	4	2.3
OCT	116.9	118.3	176.4	1971	72.6	1968	9.9	15th	35.3	35.7	6	4.6
NOV	102.1	74.9	117.7	1988	38.9	1981	8.3	19th,20th	37.7	27.6	6	6.9
DEC	63.3	52.2	108.9	2001	26.6	1966	7.2	11th	24.8	20.4	6	11.0
YEAR	1931.1	1819.9	2262.8	1959	1532.5	1981	15.5	22-Jun	43.3	40.8	55	56.8

## ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE			
	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.
JAN	1025.5	1017.1	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220
FEB	1023.2	1017.0	1032.1	1959	1003.5	1966	1047.5	7/1964 1050	952.5	25/1989 1050
MAR	1017.7	1016.7	1029.9	1953	1003.0	1947	1047.7	3/1990 0930	969.6	13/1951 1630
APR	1014.8	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620
MAY	1017.9	1015.7	1025.3	1991	1007.6	1983	1036.1	22/1991 0900	981.3	5/2004 2350
JUN	1019.8	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500
JUL	1017.2	1018.4	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845
AUG	1019.9	1017.6	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000
SEP	1019.4	1017.1	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630
OCT	1014.8	1015.6	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200
NOV	1017.8	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	1018.9	1016.7	1019.8	1949	1013.4	1960	1047.7	03/02/90 0930	952.5	25/02/89 1050

## RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2005	DATE	2005	AVERAGE 1971-2000	2005	AVERAGE 1971-2000
JAN	68.1	89.2	210.0	2001	15.4	1992	16.6	27th	20	19.0	14	14.8
FEB	54.9	76.5	182.8	1978	4.8	1965	8.2	24th	17	16.3	11	12.3
MAR	39.3	66.7	179.6	2001	2.7	1961	13.6	1st	11	16.3	6	12.0
APR	75.9	51.1	130.4	1966	2.9	1980	17.9	22nd	17	12.9	13	9.5
MAY	46.7	49.6	128.7	1994	4.1	1989	12.2	13th	15	11.8	11	8.5
JUN	46.7	46.2	129.7	1986	0.6	1976	13.1	29th	10	10.6	6	7.2
JUL	53.2	37.6	120.2	1960	3.9	1999	18.1	26th	11	9.7	9	6.7
AUG	33.1	45.8	122.0	1951	3.8	1955	18.8	24th	6	10.2	5	7.2
SEP	45.7	66.8	194.5	1952	6.9	1997	18.0	9th	11	13.5	7	9.9
OCT	83.8	89.1	233.9	1960	3.4	1978	19.1	18th	21	16.3	16	12.5
NOV	76.0	97.9	192.5	1965	16.1	1978	16.4	1st	17	18.5	14	14.8
DEC	108.5	107.3	249.6	1999	28.1	1953	16.5	3rd	15	19.1	13	15.5
YEAR	731.9	824.0	1317.0	1960	531.3	1989	19.1	18-Oct	171	174.1	125	130.6

\* NEW RECORD

## TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM			MEAN MINIMUM		LOWEST MINIMUM				
	2005	AVERAGE 1971-2000	2005	DATE	RECORD HIGHEST	DATE	2005	AVERAGE 1971-2000	2005	DATE	RECORD LOWEST	DATE
JAN	9.6	8.4	12.5	11th	13.3	4/1948	6.6	4.7	2.9	18th	-7.8	20/1963
FEB	7.4	8.2	11.3	12th	15.0	29/1948	4.0	4.4	-1.5	28th	-7.2	21/48,7/91
MAR	10.3	9.6	18.3	20th	19.4	29/1965	5.2	5.2	-1.1	4th	-2.2	10,11/1958
APR	12.1	11.2	20.7	30th	24.3	16/2003	6.9	6.2	2.8	9th	-1.4	11/1986
MAY	14.3	14.4	24.5	27th	25.9	30/2003	9.0	8.7	5.9	9th,18th	0.1	2/1979
JUN	18.6	16.9	26.5	19th	30.8	26/1976	12.7	11.1	9.1	14th	5.4	1/1975
JUL	19.7	19.2	26.4	14th	31.7	1/1952	14.3	13.2	11.6	4th	8.3	8/1954
AUG	20.1	19.5	25.4	30th	34.3	9/2003	14.1	13.7	12.4	8th	9.2	28/1986
SEP	19.1	17.6	25.0	3rd	30.6	2/1961	13.8	12.5	10.4	17th	5.8	28/1974
OCT	17.1	14.7	20.4	10th	23.3	4,5/1959	13.1	10.5	9.4	9th	3.5	28/2003
NOV	11.8	11.4	16.8 *	8th	16.8	1/1999	7.4	7.7	2.5	25th,26th	0.0	{18/52,19/85 {22,28/93
DEC	9.2	9.6	12.2	16th	15.6	6/1953	5.4	6.0	-0.3	29th	-3.8	24/1963
YEAR	14.2	13.4	26.5	19-Jun	34.3	09/08/03	9.4	8.7	-1.5	28-Feb	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	8.1	6.6	8.6	1993	1.5	1963	3.0 *	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	5.7	6.3	9.0	1990	1.5	1986	3.4	3.8	4.6	1988	3.0	1986
MAR	7.8	7.4	10.3	1957	4.4	1962	5.1	4.4	6.4	1953	3.7	1964,81,88
APR	9.5	8.7	10.9	1961	6.4	1986	5.2	5.0	6.3	1984	3.7	1994
MAY	11.7	11.6	13.9	1989	9.9	1984	5.3	5.7	7.3	1989	4.6	1981
JUN	15.7	14.0	16.7	1976	11.3	1972	5.9	5.8	8.3	1976	4.1	1977
JUL	17.0	16.2	19.4	1983	13.8	1954	5.4	6.0	7.9	1983	4.4	1954
AUG	17.1	16.6	19.3	2003	14.3	1956	6.0	5.8	7.3	1955	4.3	1958
SEP	16.4	15.0	17.5	1949	12.8	1986	5.3	5.0	6.1	1961	3.6	1967
OCT	15.1	12.6	15.2	2001	9.6	1974	4.0	4.1	5.1	1947	3.5	1968
NOV	9.6	9.3	12.0	1994	7.7	1993	4.4	3.7	4.9	1969	2.8	1994
DEC	7.3	7.4	10.1	1953	4.6	1950	3.8	3.6	4.5	1968	2.8	1987
YEAR	11.8	11.1	12.1	1989/2003	9.6	1963	4.8	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			
	2005	DATE	RECORD LOWEST	DATE	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	-1.2	5th	-10.0	29/1947	0	2.5	16	1963	3	7.4	20	1985
FEB	-3.8	28th	-11.1	12/1978	2	2.6	18	1986	13	7.8	24	1956
MAR	-8.4	4th	-9.4	3/1965	2	0.6	4	1947	10	7.0	18	1955
APR	-2.4	5th	-7.0	5/1990	0	0.1	1	1978,86	6	4.5	10	1984
MAY	-1.4	18th	-5.6	5/1979	0	0.0	--		1	2.0	9	1979
JUN	2.6	14th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	6.3	17th	1.0	Jul-96	0	0.0	--		0	0.0	--	
AUG	5.4	2nd	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	2.4	18th,19th	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	0.9	3rd	-4.0	30/1983	0	0.0	--		0	0.5	6	1992
NOV	-2.2	26th	-5.6	29/1987	0	0.0	--		7	3.3	9	1988
DEC	-7.6	29th	-8.9	29/1964,27/1995	1	1.0	5	1970	9	5.4	10	1976
YEAR	-8.4	04-Mar	-11.1	12/02/1978	5	6.7	31	1963	49	38.4	62	1985

\* NEW RECORD



## NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	4	5.8	13	1955,82	2	1963,67,72,74,92	0	0.8	4	1979,98
FEB	6	7.0	15	1979	0	1969	1	0.5	3	1957,89
MAR	7	7.9	16	1960,94	0	1968,73	1	0.5	4	1958,67,82,87,95
APR	14	6.0	16	1963	2	1976,90	0	0.7	4	1981,95
MAY	6	7.1	19	1964	2	1988	0	1.2	4	1950,71
JUN	10	9.9	18	1965	1	1975	1	1.3	6	1982
JUL	10	11.2	20	1972,78	4	1966	1	1.6	5	1982,94
AUG	4	9.4	21	1997	2	1976	0	1.4	5	1974
SEP	8	5.6	15	1987	0	1952,53,72	1	1.2	10	1976
OCT	0	4.0	17	1986	0	1971,73,2003,0	0	1.4	5	1964
NOV	1	3.9	14	1992	0	-	0	0.8	4	1969
DEC	1	4.6	11	1995	0	1947,64,75	0	1.1	4	1976,93
YEAR	71	82.6	115	1994	55	1989	5	12.3	21	1982,95

MONTH	SNOW OR SLEET					HAIL				
	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	2	2.9	12	1963,85	4	5.4	13	1984,85	0	1955,64,70,92,93
FEB	9	3.9	18	1956	12	3.9	13	1988	0	-
MAR	5	1.7	10	1962,70	3	3.9	9	1979	0	-
APR	0	0.9	4	1970	2	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	-	-	1	1.7	7	1992	0	-
NOV	1	0.6	5	1980	5	4.2	11	2000 1979,82,86 1993,2004	0	1948,55,83,94,95
DEC	3	1.6	8	1962,70	8	4.5	10	1993,2004	0	1964,68,75
YEAR	20	11.6	30	1962,63,70,79	35	28.1	50	1986	10	1964

MONTH	RAIN DAYS( $\geq 0.2\text{mm}$ )					WET DAYS( $\geq 1.0\text{mm}$ )				
	2005	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2005	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	20	31	1948	4	1992	14	28	1948	3	1992
FEB	17	26	1970,95	2	1959	11	23	1951	1	1965
MAR	11	27	1979	3	1961	6	21	1947	1	1961
APR	17	21	1983	3	1976	13	18	1966	1	1976,80
MAY	15	26	1981	2	1989	11	19	1981	1	1989
JUN	10	21	1991	3	1975,76	6	14	1987,91	0	1976
JUL	11	20	1960	3	1999	9	15	1950	1	1999
AUG	6	21	1963	1	1976	5	18	1992	1	1955,76
SEP	11	23	1950,52	4	1959,97	7	21	1950	2	1959,97
OCT	21	28	1981	5	1965,78	16	24	1981	1	1978
NOV	17	27	1960	8	1978	14	25	1960	5	1988
DEC	15	28	1993	8	1991	13	26	1959	5	1991
YEAR	171	212	1960	138	1971	125	175	1960	96	1953

## WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2005	AVERAGE 1971-2000	2005	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2005	DATE	RECORD HIGHEST	DATE
JAN	15.1	14.7	4	2.6	11	1984	64	17th	77	25/1990
FEB	11.9	13.3	1	1.5	10	1990	54	13th	69	9/1988,11/1990
MAR	9.7	12.6	0	1.0	6	1980	37	23rd	70	10/1982
APR	9.7	11.9	0	0.3	2	1964,72,83,94 1954,55,58 1962,72,79,96	36	7th	60	9/1994
MAY	10.8	11.1	0	0.1	1		34	17th	58	19/1996
JUN	10.0	10.6	0	0.0	0	—	34	26th	51	16/1965
JUL	9.8	10.3	0	0.0	1	1956,69	32	6th	63	31/1983
AUG	9.2	9.7	0	0.0	1	1956,61,86	33	24th	52	26/1986
SEP	8.5	11.1	0	0.2	2	1953,65,74,83	41	28th	60	29/1962
OCT	10.6	12.5	0	0.9	4	1967,76	43	25th	81	16/1987
NOV	12.2	13.5	0	1.3	8	1977	47	1st,3rd,24th	73	23/1984
DEC	11.6	14.5	1	2.2	9	1979	62	2nd	83	15/1979
YEAR	10.8	12.1	6	10.1	20	1972	64	17-Jan	83	15/12/1979



PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION - 2005

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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	-	-	-	-	-	-	-	-	-	-	-	-	0.5
	4-10 knots	2.6	2.0	0.1	0.3	0.5	1.6	2.2	1.1	2.6	3.1	1.3	2.2	19.5
	11-21 knots	6.7	12.4	0.7			4.6	2.4	16.1	6.7	8.7	6.6	1.9	66.8
	22-33 knots			0.8					1.3	1.5	5.6	3.9		13.2
	≥34 knots													
	DIRECTION ONLY	9.3	14.4	1.6	0.3	0.5	6.2	4.6	18.5	10.8	17.5	11.8	4.0	
FEB	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	9.1
	4-10 knots	4.0	9.5	1.2	1.6	1.0	4.6	4.9	3.0	2.7		0.6	3.3	36.5
	11-21 knots	11.5	10.3	3.7	4.5	0.3	0.1	0.7	1.3	5.4	2.1	1.9	5.1	46.9
	22-33 knots	0.4		0.1						1.2	1.5	3.0	1.3	7.6
	≥34 knots													
	DIRECTION ONLY	15.9	19.8	5.1	6.1	1.3	4.8	5.7	4.3	9.2	3.6	5.5	9.7	
MAR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	8.1
	4-10 knots	3.9	1.2	5.4	3.6	9.4	5.0	6.2	3.6	2.6	2.8	2.6	7.4	53.6
	11-21 knots	1.9	6.0	0.9	2.3	3.5	0.8	2.0	3.2	4.2	5.1	2.7	4.7	37.4
	22-33 knots	0.1									0.7	0.1		0.9
	≥34 knots													
	DIRECTION ONLY	5.9	7.3	6.3	5.9	12.9	5.8	8.2	6.9	6.7	8.6	5.4	12.1	
APR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	6.3
	4-10 knots	0.7	1.7	2.2	3.6	6.5	6.5	6.7	6.7	5.1	3.5	5.7	5.4	54.3
	11-21 knots	1.5	0.3	2.4	2.6	2.2	6.1	1.8	3.3	8.2	2.4	4.4	3.9	39.2
	22-33 knots									0.1	0.1			0.3
	≥34 knots													
	DIRECTION ONLY	2.2	1.9	4.6	6.3	8.8	12.6	8.5	10.0	13.5	6.0	10.1	9.3	
MAY	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10 knots	3.0	2.7	2.4	4.3	2.7	4.4	4.3	4.8	4.2	4.4	3.5	4.4	45.2
	11-21 knots		0.7	13.4	1.2		0.4	6.5	6.2	8.5	9.3	2.7	1.6	50.4
	22-33 knots			0.5										0.5
	≥34 knots													
	DIRECTION ONLY	3.0	3.4	16.4	5.5	2.7	4.8	10.8	11.0	12.6	13.7	6.2	6.0	
JUN	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	2.6
	4-10 knots	1.9	6.0	7.4	4.4	3.5	1.9	3.3	7.4	6.5	4.0	4.3	6.3	56.9
	11-21 knots		3.3	12.4	3.2	0.1	0.7	0.4	2.6	11.1	3.2	2.4	0.7	40.1
	22-33 knots			0.3										0.3
	≥34 knots													
	DIRECTION ONLY	1.9	9.3	20.0	7.6	3.6	2.6	3.8	10.0	17.6	7.2	6.7	6.9	
JUL	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10 knots	5.1	5.9	3.5	1.1	1.5	3.6	1.9	5.0	6.2	5.1	6.0	9.5	54.4
	11-21 knots	0.1	2.3	2.3	0.4		0.8	0.7	4.8	10.8	12.8	6.5	0.4	41.8
	22-33 knots													
	≥34 knots													
	DIRECTION ONLY	5.2	8.2	5.8	1.5	1.5	4.4	2.6	9.8	16.9	17.9	12.5	9.9	
AUG	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	7.8
	4-10 knots	5.2	6.3	6.0	2.6	1.5	2.6	0.5	1.7	5.1	5.8	8.6	12.0	57.9
	11-21 knots		0.4	1.2	0.7	0.3			2.8	5.0	9.0	7.8	6.7	33.9
	22-33 knots										0.4			0.4
	≥34 knots													
	DIRECTION ONLY	5.2	6.7	7.3	3.2	1.7	2.6	0.5	4.6	10.1	15.2	16.4	18.7	
SEP	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	11.9
	4-10 knots	6.0	5.8	4.6	1.7	5.1	6.7	3.9	5.0	5.8	6.0	1.9	3.1	55.6
	11-21 knots	0.4	2.5	0.1	2.4	0.4	0.6		5.6	10.8	6.1	2.5	0.7	32.1
	22-33 knots									0.4				0.4
	≥34 knots													
	DIRECTION ONLY	6.4	8.3	4.7	4.0	5.6	7.2	3.9	10.6	17.1	12.1	4.4	3.8	
OCT	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.8
	4-10 knots	0.8	5.6	2.0	2.7	6.0	12.5	6.2	4.7	2.3	1.1	0.8	1.2	46.0
	11-21 knots	2.0	1.1	2.3	3.8		8.1	6.7	9.8	5.6	2.7	1.9	2.8	46.8
	22-33 knots								0.1	1.3				1.5
	≥34 knots													
	DIRECTION ONLY	2.8	6.7	4.3	6.5	6.0	20.6	12.9	14.7	9.3	3.8	2.7	4.0	
NOV	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	1.7
	4-10 knots	4.4	2.4	1.5	6.8	5.1	1.0	0.4	1.4	1.1	1.9	3.9	7.6	37.6
	11-21 knots	3.6	3.3	1.9	4.3	0.4	0.3	5.8	10.7	8.9	5.8	4.2	6.0	55.3
	22-33 knots						0.4	0.1	2.2	0.1	0.1	0.6	1.8	5.4
	≥34 knots													
	DIRECTION ONLY	8.1	5.7	3.5	11.1	5.6	1.7	6.4	14.3	10.1	7.9	8.6	15.4	
DEC	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	7.8
	4-10 knots	7.8	9.0	1.7	3.0	3.6	3.4	2.7	6.5	3.1	0.9	1.6	3.0	46.2
	11-21 knots	1.2	7.3	1.2	0.1		1.3	3.5	2.7	3.4	3.2	6.0	4.6	34.5
	22-33 knots						2.2	0.8	0.3	1.5	3.4	2.7	0.3	11.0
	≥34 knots							0.3	0.1					0.4
	DIRECTION ONLY	9.0	16.3	3.0	3.1	3.6	6.9	7.3	9.5	7.9	7.5	10.3	7.8	
YEAR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.7
	4-10 knots	3.8	4.8	3.2	3.0	3.9	4.5	3.6	4.2	3.9	3.2	3.4	5.5	47.0
	11-21 knots	2.4	4.1	3.5	2.1	0.6	2.0	2.6	5.8	7.4	5.9	4.2	3.2	43.8
	22-33 knots	0.05		0.1			0.2	0.1	0.3	0.5	1.0	0.8	0.3	3.4
	≥34 knots							0.02	0.01					0.03
	DIRECTION ONLY	6.2	8.9	6.9	5.1	4.5	6.7	6.3	10.4	11.8	10.1	8.4	9.0	

**GUERNSEY AIRPORT MET OFFICE 2005****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	0.5				1.5	6.0	9.5						
2						3.0							
3													
4				2.0					0.5				
5						4.0	3.0	3.0					
6						9.0							
7									3.5				
8													
9									1.0				
10													
11		11.5		3.0					0.5				
12				6.5			0.5						
13				4.0			1.0	0.5					
14									3.5				
15						0.5			6.0				
16			1.0			1.5							
17						3.0							
18			6.5										
19	1.0				4.5								
20													
21													
22	0.5							5.5					
23		0.5					3.0						
24				2.0	3.0		2.0						
25			6.5	4.0		0.5							
26				1.0	3.0		8.0						
27			3.5				3.5						
28			10.5	7.0									
29			6.5	9.0									
30				4.0		1.0			13.5		0.5	4.0	
31													
Tot Hrs	2.0	12.0	34.5	42.5	12.0	28.5	30.5	9.0	28.5	0.0	0.5	4.0	204.0
Tot Days	3	2	6	10	4	9	8	3	7	0	1	1	54

**Averages for Period 1991-2002**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	18.6	25.2	30.4	23.0	18.8	20.9	34.1	21.4	7.3	5.5	11.1	11.9	228.0
Days	4.5	5.8	8.2	6.2	5.8	7.3	10.0	8.3	2.7	3.0	3.6	4.3	69.6



**GUERNSEY AIRPORT MET OFFICE 2005****Days and Number of Hours with RVR<600m During Flying Hours**0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1					1.5	4.0	5.5						
2						0.5							
3													
4													
5						2.0	1.5	2.0					
6						6.0							
7									1.5				
8													
9													
10													
11		8.0											
12				3.0									
13				1.5									
14									0.5				
15									2.0				
16													
17						0.5							
18			3.0										
19	0.5				2.5								
20													
21													
22								5.0					
23													
24				0.5	2.0		0.5						
25			5.0	2.0									
26				0.5	1.5		5.0						
27							2.0						
28			5.5	6.5									
29			4.5	4.0									
30				4.0					11.0			2.0	
31													
Tot Hrs	0.5	8.0	18.0	22.0	7.5	13.0	14.5	7.0	15.0	0.0	0.0	2.0	107.5
Tot Days	1	1	4	8	4	5	5	2	4	0	0	1	35

**Averages for Period 1991-2002**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	9.3	12.2	14.1	11.9	8.7	9.8	15.9	8.1	2.6	1.7	3.8	4.5	102.5
Days	2.8	3.2	4.6	3.8	3.5	4.1	6.3	5.1	1.2	1.3	1.7	1.7	39.1

## 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	10.5	13.5	11th	7.5	4.2	26th,27th	54.8	14.7	27th	80.5	6.4
FEB	8.5	12.1	12th	4.8	-0.5	26th,28th	47.9	5.9	10th	78.2	5.9
MAR	11.8	20.6	20th	6.3	-0.3	1st	34.8	11.1	1st	79.2	6.2
APR	13.8	22.5	30th	8.0	4.2	9th	68.0	15.1	22nd	82.4	5.2
MAY	16.1	25.2	27th	9.8	4.3	18th	53.4	14.7	13th	81.1	5.0
JUN	20.2	28.0	18th	13.0	8.4	9th	39.9	11.9	14th	80.6	4.8
JUL	20.4	25.7	11th	14.7	12.6	8th	52.2	14.2	23rd,26th	82.0	4.5
AUG	20.7	27.5	30th	14.6	12.2	28th	26.7	16.1	24th	78.9	3.3
SEP	20.1	27.3	3rd	14.4	10.5	17th	39.3	21.1	9th	83.2	5.6
OCT	18.0	21.9	10th	13.5	10.2	5th	81.9	20.2	18th	84.9	6.0
NOV	12.8	17.8	8th	8.1	2.7	23rd	62.0	16.2	1st	79.2	5.0
DEC	10.0	13.1	16th	5.8	-0.6	29th	99.9	20.5	3rd	79.1	5.9
YEAR	15.3	28.0	18-Jun	10.1	-0.6	29-Dec	660.8	21.1	09-Sep	80.8	5.3

## REPORT FOR L'ANCRESSE

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	
JAN	10.8	13.9	11th	7.4	3.8	18th	50.4	14.7	22nd	45.0
FEB	8.4	12.2	8th	4.6	-0.4	8th	48.5	9.1	5th	90.9
MAR	11.6	17.8	16th	6.0	-0.1	1st	43.9	17.1	1st	103.8
APR	13.8	18.8	30th	7.7	2.9	17th	76.3	17.7	22nd	174.2
MAY	16.0	25.7	27th	9.6	1.3	18th	45.9	11.1	13th	227.1
JUN	19.6	27.6	19th	13.0	9.4	12th	41.4	11.8	14th	268.5
JUL	20.6	24.9	14th	14.5	11.4	17th	46.8	14.1	23rd	258.0
AUG	21.0	25.2	30th	13.9	9.4	9th	25.8	13.7	24th	289.3
SEP	20.3	24.8	4th	13.7	7.9	19th	17.2	5.8	26th	169.1
OCT	18.2	21.4	10th	13.6	8.2	9th	85.7	28.0	18th	130.3
NOV	13.0	17.9	8th	8.5	3.4	26th	78.7	19.8	1st	98.7
DEC	10.1	13.1	16th	5.6	-3.8	29th	98.4	15.0	29th	65.2
YEAR	15.3	27.6	19-Jun	9.9	-3.8	29-Dec	659.0	28.0	18-Oct	1920.1

Note:- Sunshine figures have been adversely affected at times by a nearby tree and roof. Especially noticeable in August this year



## REPORT FOR SARK

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	
JAN	10.2	12.5	11th	6.4	3.1	24th	58.7	15.9	22nd	49.0
FEB	8.4	12.0	1st	4.1	-1.2	28th	47.1	9.6	11th	95.3
MAR	11.0	18.1	20th	5.9	0.0	3rd	44.1	18.8	1st	109.1
APR	13.3	20.1	30th	7.0	3.6	9th	73.5	10.7	28th	205.6
MAY	15.7	25.1	27th	9.3	4.9	18th	50.6	12.2	13th	234.7
JUN	19.9	28.2	19th	12.9	9.0	14th	39.8	9.2	5th	272.2
JUL	19.9	28.0	14th	14.5	11.5	4th	70.2	26.7	26th	271.9
AUG	21.7	25.9	30th	14.5	13.2	8th	33.4	17.9	24th	330.1
SEP	20.6	26.5	4th	14.5	12.0	28th	31.9	7.3	26th	177.2
OCT	17.8	22.0	10th	13.3	11.0	9th	84.5	24.0	18th	125.6
NOV	12.4	17.5	1st	8.1	2.8	26th	80.8	13.0	12th	98.6
DEC	9.7	12.5	3rd	5.6	1.5	27th,28th	97.7	25.4	2nd	56.1
YEAR	15.1	28.2	19-Jun	9.7	-1.2	28-Feb	712.3	26.7	26-Jul	2025.4

## REPORT FOR LIHOU

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	10.5	13.0	11th	8.1	4.9	26th	57.2	14.8	22nd
FEB	8.2	11.5	4th,8th,12th	5.3	-0.6	28th	44.8	7.0	11th
MAR	10.9	19.5	20th	6.6	2.1	1st,2nd	41.8	17.2	1st
APR	12.9	18.8	30th	8.1	4.9	9th	78.8	18.2	22nd
MAY	15.0	23.1	27th	9.7	5.3	18th	57.8	11.4	14th
JUN	18.6	25.8	19th	12.6	9.6	8th	45.0	11.0	5th
JUL	19.9	23.1	15th	14.5	12.5	4th	35.4	11.8	26th
AUG	20.7	24.8	30th	14.8	12.1	9th	28.0	15.4	24th
SEP	20.0	26.2	3rd	14.7	12.4	18th	37.4	11.0	10th
OCT	17.8	21.9	10th	13.9	11.7	9th	81.8	21.2	18th
NOV	12.6	17.1	8th	9.0	4.7	25th	65.2	16.4	1st
DEC	9.9	12.4	16th	6.9	1.9	29th	98.2	18.2	30th
YEAR	14.8	26.2	3-Sep	10.4	-0.6	28-Feb	671.4	21.2	18-Oct

## REPORT FOR ALDERNEY AIRPORT

MONTH	TEMPERATURE °C						BAROMETRIC PRESSURE mb			24h MEAN WIND SPEED (kt)
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	MEAN AT 0900	HIGHEST	LOWEST	
JAN	9.7	12.3	11th	6.8	3.3	26th	1024.8	1037.5	999.0	16.1
FEB	7.4	11.5	1st	4.3	-1.2	28th	1022.7	1038.6	1008.3	12.9
MAR	10.1	15.7	23rd	5.3	-1.5	1st	1017.4	1035.0	998.7	10.5
APR	12.0	17.8	30th	6.9	2.5	15th	1014.4	1031.8	991.7	9.8
MAY	14.1	23.1	27th	8.8	4.3	10th	1017.6	1028.3	1005.6	11.0
JUN	17.7	25.3	19th	12.1	7.4	14th	1019.7	1036.6	1008.3	9.9
JUL	19.2	25.1	14th	14.0	11.6	4th	1017.2	1032.3	1000.0	9.0
AUG	19.6	22.8	18th	13.9	10.6	9th	1020.0	1029.5	1006.7	8.3
SEP	18.7	25.2	4th	13.8	8.4	18th	1019.4	1029.1	1008.2	8.6
OCT	16.6	20.6	10th	13.1	8.2	9th	1014.7	1032.2	995.8	12.3
NOV	11.9	16.1	2nd	7.9	1.6	25th	1017.3	1037.9	992.3	12.9
DEC	9.1	12.6	16th	5.4	-0.2	29th	1019.1	1041.5	969.0	13.2
YEAR	13.9	25.2	04-Sep	9.4	-1.5	01-Mar	1018.7	1041.5	969.0	11.2

## REPORT FOR ALDERNEY PLATTE SALINE

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	
JAN	10.2	12.7	7th,11th	7.9	4.4	26th	42.8	13.7	22nd	44.6
FEB	7.7	11.4	12th	5.1	0.4	28th	44.3	7.1	5th	69.6
MAR		16.8	16th		1.2	1st	38.4			114.5
APR		18.3	30th		4.2	15th	68.3			202.9
MAY		24.4	27th		3.2	18th	71.6	20.0	14th	221.9
JUN	18.3	27.4	19th	13.4	10.5	7th	41.2	10.6	15th	275.0
JUL	19.7	24.4	11th	15.6	13.2	4th	52.0	19.1	24th	267.7
AUG	20.3	23.0	30th,31st	15.0	10.9	9th	32.8	13.2	24th	330.9
SEP	19.3	23.9	4th	14.9	9.2	18th	34.6	15.5	10th	187.6
OCT	17.5	20.9	10th	14.2	8.4	9th	69.3	13.0	18th	114.9
NOV	12.3	17.3	2nd	9.0	4.0	25th	68.6	18.6	1st	86.5
DEC		12.7	16th		0.3	29th	74.9			51.8
YEAR		27.4	19-Jun		0.3	29-Dec	638.8			1967.9

Note:-Due to computer problems from late March to early May and during december, the figures for Platte Saline are incomplete



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JANUARY 2005**

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	1026.1	11.4	8.6	10.0	6.3	8.7	9.1	230	10	17.1	41	2.8	0.1	Cloudy, drzl & fog early. Tempo fine mid am. Rain & drzl pm. Rain evng		
SUN	2	1030.2	9.3	6.0	7.7	3.0	8.5	9.1	310	16	16.8	37	2.2	5.3	Fair, ocnl cloudy, Shwrs. Hail late am		
B.HOL	3	<u>1038.3</u>	11.1	7.1	9.1	2.5	8.1	9.1	270	13	13.6	28	TR	1.7	Fair to cloudy. Slt shwrs. Fair evening		
TUE	4	1029.1	10.4	7.9	9.2	4.9	8.2	9.1	230	16	15.8	33	2.0	NIL	Fair bec cloudy. Ocnl slt rain. Rain & drzl evng		
WED	5	1027.6	10.5	5.8	8.2	<u>-1.2</u>	8.1	9.1	230	10	13.5	36	TR	NIL	Cloudy, ocnl fair early. Tempo slt drzl pm		
THU	6	1033.0	11.6	8.9	10.3	4.9	8.2	9.1	250	10	13.0	28	0.5	1.7	Cloudy bec fair then mainly cloudy. Drzl late		
FRI	7	1028.0	11.7	<u>10.5</u>	<u>11.1</u>	<u>8.8</u>	8.7	9.1	220	15	18.3	41	3.1	0.2	Mod drzl early, fog patch. Cloudy. Tempo slt drzl pm		
SAT	8	1016.9	9.9	8.4	9.2	6.6	8.9	9.1	270	<u>31</u>	21.4	55	TR	2.1	Cloudy, rain & drzl mid am. Ocnl fair. Gale mid am		
SUN	9	1024.2	11.7	8.0	9.9	5.6	8.5	9.2	190	13	14.2	25	0.2	NIL	Cloudy. Slt rain early pm		
MON	10	1017.5	11.7	10.0	10.9	8.1	8.9	9.2	210	21	15.5	28	2.2	0.1	Cloudy. Rain late am. Rain & drzl pm. Mist. Tempo fair evng		
TUE	11	1019.2	<u>12.5</u>	9.2	10.9	6.5	<u>9.1</u>	9.2	170	17	15.5	36	5.2	NIL	Fine, dew bec cloudy. Rain & drzl pm. Tempo hvy rain evng		
WED	12	1024.9	10.2	7.0	8.6	5.4	9.0	9.3	260	13	14.4	30	0.5	6.1	Cloudy bec fair. Shwrs. Fine evening		
THU	13	1031.8	10.1	5.3	7.7	<u>-1.2</u>	8.5	<u>9.4</u>	180	<u>03</u>	<u>6.1</u>	17	0.3	2.5	Fine bec fair to cloudy. Shwrs. Fine evening		
FRI	14	1026.9	7.8	5.9	6.9	0.6	8.1	9.3	150	14	12.9	22	9.8	NIL	Fine bec cloudy. Rain late am. Rain, drzl & mist pm		
SAT	15	1022.9	9.2	7.0	8.1	5.2	8.0	9.1	140	10	10.9	20	NIL	3.2	Rain early, tempo hvy rain. Fair pm		
SUN	16	1023.4	11.6	7.3	9.5	3.4	8.0	9.1	200	10	9.5	20	NIL	3.0	Fine bec cloudy. Fair, ocnl fine pm		
MON	17	1020.0	10.1	8.5	9.3	5.1	8.2	9.1	220	15	17.0	<u>64</u>	9.8	NIL	Fine bec cloudy. Rain pm, tempo hvy rain. Squally shwrs late. Gale		
TUE	18	<u>1003.8</u>	9.4	<u>2.9</u>	6.2	2.5	8.2	9.1	300	25	25.5	52	3.2	4.5	Fair to cloudy, rain or hail shwrs. Squall. Tempo gale pm		
WED	19	1017.2	10.8	5.3	8.1	3.5	7.6	9.0	280	08	16.9	39	1.6	NIL	Cloudy. Drzl mid am. Mist, tempo fog early pm. Cloudy evng		
THU	20	1021.3	10.9	10.0	10.5	<u>8.8</u>	8.2	8.9	280	23	<u>27.7</u>	47	TR	0.2	Cloudy. Tempo slt rain or drzl. Tempo gale pm		
FRI	21	1021.1	10.6	8.4	9.5	7.4	8.5	8.9	310	15	15.8	41	3.1	0.3	Cloudy. Slt rain early am & early pm		
SAT	22	1019.4	10.3	7.0	8.7	6.7	8.7	9.0	110	07	12.9	30	<u>16.6</u>	NIL	Cloudy bec rain or drzl. Ocnl mod or hvy rain & drzl. Fog patches		
SUN	23	1025.6	10.3	3.8	7.1	3.0	8.6	9.0	070	19	18.2	45	0.2	5.2	Cloudy. Slt rain or hail shwrs bec fair. Ocnl fine evng		
MON	24	1031.6	5.2	3.8	4.5	1.1	7.7	9.0	020	17	15.9	32	TR	<u>6.4</u>	Mainly fair. Sleet shwr late		
TUE	25	1030.6	5.5	3.8	4.7	1.5	7.0	9.0	010	16	14.5	28	TR	2.2	Fair bec mainly cloudy		
WED	26	1031.9	<u>5.0</u>	3.1	<u>4.1</u>	0.8	6.7	8.7	050	18	14.6	31	0.5	2.3	Mainly cloudy. Slt snow shwr mid am. Slt hail shwrs		
THU	27	1026.6	7.3	3.0	5.2	0.1	<u>6.3</u>	8.5	020	11	13.0	29	2.8	0.1	Cloudy. Shwrs. Rain pm, mod rain evng		
FRI	28	1022.0	7.8	5.7	6.7	3.0	6.5	8.4	360	15	16.4	33	1.5	NIL	Cloudy. Ocnl rain am. Slt shwrs evening		
SAT	29	1026.3	7.8	5.6	6.7	3.3	6.7	<u>8.2</u>	030	10	12.0	28	TR	1.2	Cloudy, showery rain early. Tempo slt shwrs.		
SUN	30	1035.9	8.1	5.3	6.7	-0.6	6.8	<u>8.2</u>	340	09	8.6	19	NIL	NIL	Cloudy. Tempo fair mid am		
MON	31	1036.4	8.8	6.3	7.5	4.8	6.8	<u>8.2</u>	340	09	10.3	24	NIL	NIL	Cloudy		
MEAN		1025.5	9.6	6.6	8.1	3.9	8.0	9.0	SW	14.2	15.1	TOTAL	68.1	48.4			
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			
		20	14	2	4	0	0	0	3	4	0	4	11				
RECORDS FROM JANUARY 1947														RAINFALL	68.1 mm	SUNSHINE	48.4 hrs
WETTEST DAY	35.8mm	DRIEST MONTH	15.4mm	LOWEST MIN	-7.8°C	WARMEST MNTH	8.5°C	SUNNIEST MNTH	112.8hrs	RAIN DAYS		20	SUNLESS DAYS		11		
DAY/YEAR	11th/2001	YEAR	1992	DAY/YEAR	20th/1963	YEAR	1993	YEAR	1998	WET DAYS		14					
WETTEST MNTH	210.0mm	HIGHEST MAX	13.3°C	LOWEST GRASS	-10.0°C	COLDEST MONTH	1.5°C	DULLEST MNTH	26.0hrs								
YEAR	2001	DAY/YEAR	4th/1948	DAY/YEAR	29th/1947	YEAR	1963	YEAR	1966								



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT FEBRUARY 2005**

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	1035.2	10.6	8.6	9.6	6.8	7.2	8.1	360	13	10.4	20	NIL	2.8	Cloudy bec fair or fine pm. Cloudy again evening													
WED	2	<u>1039.2</u>	9.6	6.0	7.8	4.5	7.6	8.1	360	03	8.4	21	TR	NIL	Cloudy. Tempo slight rain													
THU	3	1038.6	9.9	4.5	7.2	-0.8	7.4	8.2	060	04	4.7	15	TR	4.3	Cloudy bec fine mid am. Cloudy pm, ocnl dry air. Tempo slight rain													
FRI	4	1032.8	10.3	7.3	8.8	4.6	7.4	8.2	160	07	5.5	14	0.6	5.2	Cloudy, slit rain & drizzle early. Fine late am. Cloudy late evng													
SAT	5	1017.5	7.4	5.9	6.7	3.3	7.4	8.2	200	12	7.7	20	3.4	0.1	Cloudy, slt rain early. Tempo fine mid am. Rain pm													
SUN	6	1019.1	8.6	4.8	6.7	3.0	7.4	8.2	150	06	7.3	19	NIL	1.5	Cloudy, ocnl slt rain am. Tempo fair midday. Cloudy pm, fair or fine late													
MON	7	1022.3	9.4	5.8	7.6	1.4	7.3	8.2	140	06	6.0	15	NIL	7.3	Fair or fine, dew early. Ocnl cloudy evening, haze													
TUE	8	1025.4	10.3	5.7	8.0	-1.3	7.3	8.2	170	06	5.8	13	NIL	<u>8.7</u>	Fair bec fine, dew. Ocnl haze am. Haze & dew late													
WED	9	1030.4	10.0	7.7	8.9	-0.6	7.3	8.1	240	10	11.5	23	0.2	0.1	Fair or fine, haze & dew bec cloudy. Slt rain late													
THU	10	1029.3	10.0	8.6	9.3	7.4	7.6	8.1	240	19	17.7	34	8.0	NIL	Cloudy. Slt rain early. Rain & drzl evng. Drzl & fog late													
FRI	11	1024.0	10.7	<u>9.5</u>	<u>10.1</u>	8.1	8.0	8.3	270	20	20.1	35	7.6	NIL	Overcast. Rain, drizzle & fog. Ocnl thick fog. Mist or fog patches evng													
SAT	12	1013.6	<u>11.3</u>	8.3	9.8	<u>9.6</u>	<u>8.5</u>	8.3	270	<u>27</u>	24.6	42	0.4	4.2	Drzl & fog early, then mist. Fair or fine pm. Slt shwr late													
SUN	13	1013.2	8.5	3.6	6.1	4.3	8.2	8.4	300	<u>27</u>	<u>25.9</u>	<u>54</u>	0.7	4.5	Fair, ocnl cloudy. Shwrs. Hvy hail shwr & squall early pm. Tempo gale													
MON	14	1024.5	8.0	4.0	6.0	2.1	7.4	<u>8.5</u>	340	15	16.6	35	0.4	2.8	Mainly cloudy. Slt hail shwr early & evng													
TUE	15	1023.0	6.4	3.8	5.1	1.6	7.1	8.4	020	14	13.7	30	TR	6.0	Mainly fair. Slt hail shower early pm. Dry air evening													
WED	16	1029.0	5.0	3.3	4.2	-0.2	6.7	8.3	030	11	9.2	23	NIL	0.1	Fine bec cloudy. Ocnl dry air.													
THU	17	1028.3	7.1	2.6	4.9	-1.6	6.3	8.1	220	<u>01</u>	<u>3.1</u>	09	0.1	NIL	Cloudy. Tempo slt rain late													
FRI	18	1025.4	8.3	5.6	7.1	3.5	6.7	7.9	360	07	10.0	33	0.8	1.2	Cloudy. Slt rain early. Ocnl fair am. Rain & drzl evng. Tempo hvy rain													
SAT	19	1021.5	7.6	4.4	6.0	2.7	6.8	7.9	360	19	15.1	34	1.4	4.7	Fair, ocnl cloudy. Tempo shwrs. Hail shwr mid am, early pm													
SUN	20	1019.0	5.2	0.5	2.9	-0.6	6.3	7.9	360	13	12.6	32	TR	5.0	Cloudy, hail shwr then snow shwr early bec fair. Slt hail shwrs evng													
MON	21	1013.6	5.1	1.0	3.1	0.3	6.0	7.9	360	11	10.7	26	4.8	4.4	Cloudy, slt hail shwrs. Sleet early pm. Ocnl fair. Snow shwrs evng													
TUE	22	<u>1011.5</u>	3.2	0.2	1.7	-2.2	5.7	7.6	070	11	13.7	39	5.1	1.1	Mainly cloudy, snow shwrs early. Snow or hail shwrs. Hvy snow shwr													
WED	23	1014.4	4.3	0.2	2.3	-1.2	5.2	7.6	030	10	10.0	24	5.8	3.9	Fair to cloudy. Snow shwrs. Tempo hail shwrs													
THU	24	1014.6	4.2	0.1	2.2	-1.8	5.1	7.3	030	09	10.5	25	<u>8.2</u>	3.3	Fair, ocnl cloudy. Snow shwrs. Sleet or snow shwrs pm. T&L late													
FRI	25	1012.9	2.9	0.6	1.8	-0.5	4.9	7.2	090	21	17.4	34	TR	1.4	Mainly cloudy. Sleet or snow shwrs early. Fair evng													
SAT	26	1018.9	5.8	0.9	3.4	-1.8	4.6	7.0	030	10	10.8	28	1.8	2.1	Fair bec mainly cloudy. Slt sleet or snow shwrs am. Sleet evng. Hail la													
SUN	27	1023.6	4.8	-0.4	2.2	-0.8	4.6	6.9	040	18	18.0	36	4.2	5.3	Sleet or snow shwrs bec mainly fair. Snow shwrs pm, tempo hvy													
MON	28	1029.2	<u>2.3</u>	<u>-1.5</u>	<u>0.4</u>	<u>-3.8</u>	<u>4.3</u>	<u>6.7</u>	140	04	4.9	25	1.4	2.2	Cloudy, snow shwrs bec snow. Fair late am, ocnl cloudy													
MEAN		1023.2	7.4	4.0	5.7	1.6	6.7	7.9	N	11.9	11.9	TOTAL	54.9	82.2	Snow Lying at 0900													
30 YEAR AVE. 1971-00		1017.0	8.2	4.4	6.3	2.5	6.4	7.3	SW	13.4	13.3	////	76.5	78.4	22nd 5mm 28th 35mm													
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		11												9	12	1	1	2	13	6	1	4				
RECORDS FROM JANUARY 1947															RAINFALL	123.0 mm	SUNSHINE	130.6 hrs										
WETTEST DAY	59.0mm	DRIEST MONTH		4.8mm										LOWEST MIN		-7.2°C	WARMEST MNTH		9.0°C	SUNNIEST MNTH		140.9hrs	RAIN DAYS	37	SUNLESS DAYS	15		
DAY/YEAR	18th/1978	YEAR		1965										DAY/YEAR		21st/48,7th/91	YEAR		1990	YEAR		1959	WET DAYS	25				
WETTEST MNTH	182.8mm	HIGHEST MAX		15.0°C										LOWEST GRASS		-11.1°C	COLDEST MNTH		1.5°C	DULLEST MNTH		36.1hrs						
YEAR	1978	DAY/YEAR		29th/1948										DAY/YEAR		12th/1978	YEAR		1986	YEAR		1976						



## METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MARCH 2005

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	1010.4	5.1	-0.7	2.2	-7.0	4.3	6.6	230	<u>21</u>	15.3	32	<u>13.6</u>	NIL	Cloudy, ocnl sleet or snow early. Rain late am. Mod to hvy rain evng					
WED	2	<u>1000.4</u>	5.3	1.1	3.2	-0.2	4.6	6.4	360	07	10.7	35	1.6	3.7	Cloudy, rain then sleet bec fair mid am. Sleet shwrs. Snow/hail evng					
THU	3	1013.5	<u>3.5</u>	0.6	<u>2.1</u>	-1.3	4.5	6.3	020	<u>21</u>	<u>17.6</u>	36	0.1	3.3	Cloudy, slt shwr. Ocni fair. Slt shwr pm. Dry air					
FRI	4	1019.8	8.7	<u>-1.1</u>	3.8	<u>-8.4</u>	<u>4.0</u>	6.2	260	13	13.2	33	0.8	2.1	Fair or fine. Frost. Bec cloudy. Rain/drzl midday. Ocni fair. Snow shwr					
SAT	5	1014.1	6.5	2.0	4.3	0.4	4.4	6.2	350	13	14.6	36	2.2	3.3	Fair to cloudy. Sleet, snow or hail shwrs. Ocni dry air					
SUN	6	1026.9	5.1	1.1	3.1	-1.0	4.4	<u>6.1</u>	040	16	13.1	32	NIL	1.5	Cloudy. Sleet or hail shwrs early. Ocni fair pm					
MON	7	1032.4	6.5	0.9	3.7	-4.4	4.2	6.2	350	09	7.8	18	TR	3.9	Fair, ocni cloudy am. Fine late am bec cloudy pm. Tempo slt rain					
TUE	8	1032.8	7.7	4.7	6.2	1.8	4.6	<u>6.1</u>	340	05	5.7	16	TR	NIL	Cloudy. Tempo slt rain					
WED	9	<u>1035.2</u>	7.4	3.6	5.5	3.0	5.1	<u>6.1</u>	110	<u>02</u>	3.8	15	TR	NIL	Cloudy. Tempo slt rain. Tempo fair evng					
THU	10	1032.8	7.4	3.9	5.7	-1.0	5.2	<u>6.1</u>	290	03	<u>3.6</u>	12	NIL	2.1	Cloudy. Slt rain early. Ocni fair pm					
FRI	11	1023.8	9.6	2.9	6.3	-3.8	5.2	<u>6.1</u>	280	14	15.5	35	0.4	3.5	Fair early, dew. Shallow fog/slt hoar frost bec cloudy. Fair midday					
SAT	12	1013.1	8.2	3.6	5.9	3.5	5.7	6.2	310	15	12.7	28	NIL	6.7	Cloudy. Rain mid am bec fair. Cloudy midday bec fine pm					
SUN	13	1015.0	7.1	2.1	4.6	-6.0	5.6	6.3	300	04	3.8	11	NIL	0.9	Fine, slt hoar frost bec cloudy. Fine, de late					
MON	14	1013.8	9.6	4.1	6.9	-3.3	5.7	6.3	150	05	5.4	14	TR	7.1	Fair, ocni cloudy am. Fine pm. Cloudy evng. Fine, dew late					
TUE	15	1019.1	11.1	6.5	8.8	3.0	6.1	6.3	200	12	10.3	20	NIL	0.1	Fine, dew bec cloudy. Slt drzl mid am. Ocni haze pm					
WED	16	1020.6	13.6	8.1	10.9	5.6	6.6	6.5	150	09	11.6	26	0.7	5.1	Cloudy bec fair. Ocni mist & dew. Cloudy pm. Rain, drzl. Thick fog late					
THU	17	1029.2	10.5	8.7	9.6	<u>8.5</u>	7.3	6.6	230	13	13.0	27	TR	NIL	Fog & drzl early. Cloudy, slt drzl. Fog late					
FRI	18	1031.6	10.9	6.7	8.8	6.1	7.5	6.9	140	04	5.0	11	NIL	1.8	Fog early. Cloudy bec haze. Fog early pm bec fine. Adj fog. Thick fog					
SAT	19	1024.6	16.9	6.9	11.9	5.2	7.7	7.1	100	11	9.0	22	NIL	<u>11.0</u>	Fine, mist & dew early. Tempo haze. Dry air					
SUN	20	1017.4	<u>18.3</u>	9.1	<u>13.7</u>	6.1	8.1	7.2	100	11	10.0	21	NIL	9.7	Fine, tempo haze. Fair evening					
MON	21	1005.7	15.1	<u>10.6</u>	12.8	<u>8.5</u>	8.6	7.4	130	12	10.3	24	5.5	0.1	Cloudy. Slt rain midday. Rain evening					
TUE	22	1004.6	12.9	8.9	10.9	8.4	8.7	7.6	160	09	10.7	25	0.7	2.9	Cloudy. Tempo hvy rain early. Fair early pm. Shwrs. Fine evening					
WED	23	1014.2	16.6	8.1	12.3	5.0	8.7	8.0	130	10	10.4	<u>37</u>	1.4	5.1	Fair to cloudy. Dew early. Cloudy evening. T&L late evng, mod rain					
THU	24	1012.9	13.9	9.0	11.5	6.1	9.0	8.0	170	08	7.9	19	0.1	7.9	Cloudy, slt rain bec fair or fine, dew. Ocni cloudy early pm. Fine evng					
G.FRI	25	1017.4	14.1	6.6	10.4	0.9	<u>9.1</u>	8.1	130	07	8.3	19	NIL	4.9	Fine, dew bec thick fog. Fine pm. Mist & dew late					
SAT	26	1006.4	13.8	8.4	11.1	5.6	<u>9.1</u>	8.3	100	09	8.7	17	0.1	4.7	Fair or fine, mist & dew early. Fair, haze bec cloudy					
E.SUN	27	1005.2	11.2	7.3	9.3	7.4	<u>9.1</u>	8.4	040	11	7.9	18	TR	NIL	Cloudy, haze, slt rain mid am. Mist of fog. Haze evng					
E.MON	28	1011.2	10.4	7.2	8.8	5.2	9.0	8.5	080	07	6.0	13	11.3	0.3	Cloudy, mist bec thick fog. Fog patches pm. Slt rain late					
TUE	29	1006.6	11.9	8.1	10.0	<u>8.5</u>	<u>9.1</u>	<u>8.6</u>	100	07	10.5	27	0.8	NIL	Cloudy, rain/drzl. Mod rain/ fog patches mid am. Drzl/thick fog pm					
WED	30	1014.9	10.4	7.3	8.9	7.6	<u>9.1</u>	<u>8.6</u>	300	11	11.4	22	TR	0.1	Cloudy, mist. Tempo drzl early. Haze pm. Fine, mist & dew late evng					
THU	31	1023.6	11.1	5.3	8.2	1.4	<u>9.1</u>	<u>8.6</u>	310	07	6.2	17	NIL	3.7	Fair, mist & dew. Ocni cloudy. Fair early pm. Cloudy evng					
MEAN		1017.7	10.3	5.2	7.8	2.3	6.8	7.0	SE	9.9	9.7	TOTAL	39.3	95.5						
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						
		11	6	4	3	1	1	2	10	7	4	0	6							
RECORDS FROM JANUARY 1947															RAINFALL		162.3 mm	SUNSHINE		226.1 hrs
WETTEST DAY DAY/YEAR		30.0mm 28th/1960	DRIEST MONTH YEAR		2.7mm 1961	LOWEST MIN DAY/YEAR		-2.2°C 10th/11th/1958	WARMEST MNTH YEAR		10.3°C 1957	SUNNIEST MNTH YEAR		206.1hrs 1973	RAIN DAYS		48	SUNLESS DAYS		21
WETTEST MNTH YEAR		179.6mm 2001	HIGHEST MAX DAY/YEAR		19.4°C 29th/1965	LOWEST GRASS DAY/YEAR		-9.4°C 3rd/1965	COLDEST MNTH YEAR		4.4°C 1962	DULLEST MNTH YEAR		67.4hrs 1964						



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT APRIL 2005**

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER					
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)										
			mb	MAX	MIN		MEAN	MIN		30cm	100cm	9a.m.	9a.m.	MEAN		MAX	mm	hrs		
FRI	1	1023.9	13.8	7.2	10.5	3.6	9.1	<u>8.6</u>	130	09	8.8	24	NIL	9.5	Fine,dew bec fair. Tempo haze am & evening					
SAT	2	1016.1	15.1	8.8	12.0	6.3	9.3	8.7	080	11	10.7	21	NIL	2.7	Fair, haze & dew bec mainly cloudy					
SUN	3	1018.4	14.5	9.1	11.8	7.1	9.6	8.8	140	08	7.2	16	0.7	5.0	Cloudy bec fair. Cloudy pm					
MON	4	1022.5	11.9	6.2	9.1	9.3	9.8	8.9	260	07	7.8	19	2.2	1.7	Cloudy, drzl. Tempo thick fog early. Mist, slt rain bec mod rain. Fine ev					
TUE	5	1028.6	10.4	4.1	7.3	<u>-2.4</u>	9.4	9.0	180	06	7.3	17	0.6	8.8	Fair, dew. Tempo cloudy. Cloudy evening. Tempo slt rain late					
WED	6	1015.6	11.8	8.1	10.0	5.5	9.4	9.1	180	14	13.5	29	TR	3.8	Fair, dew bec cloudy. Ocnl slt rain. Fair by evening					
THU	7	1006.2	11.0	5.9	8.5	4.5	9.2	9.1	250	<u>20</u>	<u>18.5</u>	<u>36</u>	3.0	10.9	Fair, slight shower early bec fine. Ocnl cloudy pm. Slt shwrs					
FRI	8	1011.4	<u>9.1</u>	3.1	<u>6.1</u>	0.0	9.1	9.1	340	18	17.7	35	0.1	6.7	Fair to cloudy, shwrs. Hail shwr mid am. Mainly fair pm. Slt shwrs					
SAT	9	1029.3	9.6	<u>2.8</u>	6.2	-0.6	<u>8.3</u>	9.1	330	14	15.0	29	NIL	10.8	Fair or fine, dry air bec cloudy late evenong					
SUN	10	1029.6	11.8	6.6	9.2	4.0	<u>8.3</u>	8.9	310	16	12.6	22	NIL	10.1	Cloudy bec fair mid am. Fair bec fine pm					
MON	11	<u>1032.2</u>	11.9	6.1	9.0	2.1	8.7	8.8	330	08	7.7	14	NIL	10.5	Fine, dew. Fog by evng. Fine late, dew					
TUE	12	1027.6	11.4	5.5	8.5	-0.9	9.1	8.9	270	06	9.8	22	4.2	1.8	Fine, dew bec thick fog. Cloudy, mist. Slt drzl. Drzl evng, thick fog late					
WED	13	1011.9	9.6	8.1	8.9	9.1	9.3	8.9	230	13	9.6	27	4.9	NIL	Drzl, thick fog. Rain, drzl & mist. Ocnl fog. Rain & mist pm. Ocnl fog					
THU	14	1002.0	11.3	5.9	8.6	4.8	9.3	9.0	290	05	7.1	19	NIL	10.0	Cloudy, rain early. Hail shwr am then fair. Fine, dew later					
FRI	15	1005.4	10.2	3.9	7.1	-1.6	9.3	9.1	310	<u>04</u>	<u>5.2</u>	16	TR	11.8	Fair or fine, dew early.					
SAT	16	1011.0	10.0	4.5	7.3	-1.6	9.3	9.1	310	09	7.7	20	NIL	11.8	Fair, dew. Slt shwr early. Fine pm. Dew later					
SUN	17	1006.3	9.8	4.4	7.1	-2.0	9.1	9.1	160	14	11.3	24	6.4	2.2	Fine, dew bec cloudy. Ocnl slt rain or drzl pm. Tempo thick fog late					
MON	18	<u>998.8</u>	12.5	7.7	10.1	6.4	9.1	9.1	240	14	12.0	33	0.7	10.5	Rain or drzl & fog early bec fair. Fine pm. Cloudy, shwrs evng					
TUE	19	1000.6	10.4	7.1	8.8	4.7	9.4	9.1	160	13	9.6	26	0.2	1.5	Fair or fine bec mainly cloudy. Slt shwrs					
WED	20	1012.6	12.6	6.6	9.6	1.9	9.2	9.2	050	11	6.3	17	NIL	9.8	Mainly cloudy. Slt shwrs am. Bec fine					
THU	21	1018.7	12.4	6.7	9.6	1.7	9.5	9.2	070	10	10.6	20	TR	<u>12.8</u>	Fine, dew. Fair later					
FRI	22	1010.8	10.4	8.4	9.4	6.5	9.7	9.2	130	14	11.5	25	<u>17.9</u>	NIL	Fair bec cloudy. Rain. Ocnl mod rain mid pm. Mist. Fog later					
SAT	23	1007.9	14.2	8.8	11.5	7.8	9.7	9.2	170	09	7.8	16	1.1	5.8	Cloudy, mist or fog bec fair or fine. Mainly cloudy pm. Slt shwrs					
SUN	24	1007.0	11.2	7.3	9.3	8.0	10.1	9.3	120	<u>04</u>	5.3	15	11.4	0.1	Cloudy. Rain late am bec mod rain. Mist. Fog patches. Ocnl fair evng					
MON	25	1009.2	10.9	5.9	8.4	1.4	9.9	9.5	170	05	5.9	17	4.5	0.1	Cloudy. Fog bec mist. Tempo fair pm					
TUE	26	1011.5	13.8	8.7	11.3	5.9	9.9	9.5	200	12	10.4	24	4.0	6.4	Cloudy, rain bec fair. Bec cloudy pm. Shwrs. Fair evng					
WED	27	1017.2	13.6	8.3	11.0	6.0	10.2	9.6	200	14	8.7	19	3.5	9.1	Fine, dew. Bec fair pm. Cloudy by evng					
THU	28	1015.9	11.8	9.2	10.5	8.1	10.6	9.7	160	13	10.0	26	9.3	NIL	Cloudy. Rain, ocnl mod rain. Rain, drzl & fog patches pm					
FRI	29	1020.0	14.9	10.9	12.9	<u>10.5</u>	10.6	9.8	170	05	5.6	16	1.2	NIL	Cloudy. Rain, drzl & fog bec mist. Ocnl fair late evng					
SAT	30	1014.6	<u>20.7</u>	<u>12.0</u>	<u>16.4</u>	9.5	<u>11.2</u>	<u>9.9</u>	120	06	8.5	24	TR	6.5	Cloudy, fog bec fair. Adjacent fog. Bec mainly cloudy pm. Slt shwrs					
MEAN		1014.8	12.1	6.9	9.5	4.2	9.5	9.2	S	10.4	9.7	TOTAL	75.9	180.7						
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE						
		17	13	0	2	0	1	0	6	14	3	0	4							
RECORDS FROM JANUARY 1947														RAINFALL		238.2 mm	SUNSHINE		406.8 hrs	
WETTEST DAY DAY/YEAR		27.9mm 3rd/2000	DRIEST MONTH YEAR		2.9mm 1980	LOWEST MIN DAY/YEAR		-1.4°C 11th/1986	WARMEST MNTH YEAR		10.9°C 1961	SUNNIEST MNTH YEAR		280.4hrs 1984	RAIN DAYS		65	SUNLESS DAYS		25
WETTEST MNTH YEAR		130.4mm 1966	HIGHEST MAX DAY/YEAR		24.3°C 16th/2003	LOWEST GRASS DAY/YEAR		-7.0°C 5th/1990	COLDEST MNTH YEAR		6.4°C 1986	DULLEST MNTH YEAR		122.2hrs 1981						



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MAY 2005**

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
SUN	1	1009.2	19.1	10.0	14.6	9.8	12.0	<u>10.1</u>	260	09	7.1	22	1.0	10.6	Fair bec cloudy, fog. Fair, adjacent fog. Fair pm			
B.HOL	2	1012.0	17.0	11.7	14.4	9.9	12.5	10.4	150	09	7.3	24	2.6	7.2	Cloudy, rain early bec fair. Ocnl cloudy pm, shwrs. Lghtng late			
TUE	3	1012.3	13.7	9.6	11.7	7.3	12.5	10.7	210	11	12.9	27	0.6	3.3	Fair or fine eary, dew bec cloudy. Shwrs. Fog patches. Ocnl fair pm			
WED	4	1019.6	12.7	9.4	11.1	8.5	12.2	10.9	330	16	11.0	25	TR	2.2	Cloudy, ocnl slt rain. Tempo fair am. Fair, dew late			
THU	5	1026.1	13.4	6.9	10.2	1.6	11.8	11.0	350	<u>04</u>	9.9	24	NIL	11.2	Mainly am, mist & dew early. Bec fine pm			
FRI	6	1023.4	13.5	9.3	11.4	7.7	12.0	11.1	280	15	16.2	29	0.1	3.3	Cloudy, mist early. Ocnl fair early pm. Drzl late			
SAT	7	1017.6	13.2	8.9	11.1	9.7	12.2	11.1	290	<u>18</u>	15.9	28	NIL	11.3	Cloudy, drlz & mist bec fair. Fine late am			
SUN	8	1018.3	12.5	6.3	9.4	2.1	12.1	11.2	300	08	10.3	22	NIL	13.0	Fine, dew bec fair. Fine late am. Dew late			
LIB.D	9	1018.3	11.1	<u>5.9</u>	<u>8.5</u>	1.9	11.9	11.2	330	12	7.8	18	NIL	14.3	Fine. Dry air pm			
TUE	10	1020.7	12.2	6.4	9.3	0.4	12.0	11.3	060	12	10.6	24	NIL	13.9	Fine, tempo fair am. Ocnl dry air pm			
WED	11	1024.8	11.8	7.9	9.9	5.3	11.8	11.3	070	14	15.6	30	NIL	14.0	Fine, tempo cloudy midday			
THU	12	1017.3	13.9	8.2	11.1	6.0	11.6	11.4	070	17	<u>18.5</u>	<u>34</u>	4.0	9.7	Fine bec fair. Cloudy late			
FRI	13	1013.9	12.9	9.1	11.0	8.2	11.7	11.3	050	16	17.8	31	<u>12.2</u>	1.8	Cloudy, slt rain. Mod rain mid am. Haze. Rain & drzl later			
SAT	14	1014.0	<u>10.5</u>	9.0	9.8	8.6	11.5	11.3	060	13	12.8	27	1.0	NIL	Cloudy, rain & mist. Hvy rain mid am. Mist & drzl. Haze evening			
SUN	15	1018.2	12.1	9.2	10.7	8.4	<u>11.3</u>	11.3	100	07	6.4	15	0.9	NIL	Cloudy, mist bec haze. Slt rain late am & pm. Mist evng			
MON	16	1016.7	14.2	9.0	11.6	6.7	11.5	11.1	360	06	5.2	12	0.2	4.8	Cloudy, mist. Ocnl fog early. Fair pm bec cloudy evng			
TUE	17	1019.9	11.5	6.8	9.2	8.2	12.0	11.1	060	14	9.7	23	TR	5.3	Cloudy. Slt rain early. Tempo rain & drzl. Bec fair then fine pm			
WED	18	1022.9	13.5	<u>5.9</u>	9.7	<u>-1.4</u>	11.4	11.3	120	10	6.4	16	1.0	9.2	Fine bec fair late am. Cloudy by evng			
THU	19	1016.8	13.1	10.5	11.8	8.1	11.9	11.3	180	14	11.3	25	6.7	NIL	Cloudy bec rain & drzl. Fog late am, thick fog midday. Tempo slt rain			
FRI	20	1013.0	14.8	11.3	13.1	10.3	12.1	11.3	210	11	12.2	24	0.8	5.0	Cloudy, ocnl rain. Tempo hvy rain early. Fine by evng, cloudy late			
SAT	21	1009.9	13.9	10.2	12.1	8.0	12.2	11.4	170	11	12.2	29	3.8	8.8	Cloudy, shwrs. Ocnl fair bec fair or fine pm. Cloudy late evng			
SUN	22	<u>1008.4</u>	14.0	9.2	11.6	7.9	12.4	11.5	190	11	12.5	29	5.4	9.0	Cloudy, hvy rain early. Tempo fair am. Hvy shwr late am. Fair or fine p			
MON	23	1017.9	13.6	7.7	10.7	6.6	12.5	11.7	240	14	12.3	23	5.0	10.9	Fair to cloudy early, shwrs bec fair or fine. Cloudy by evng. Slt rain late			
TUE	24	1018.2	12.4	10.4	11.4	9.3	12.7	11.6	190	15	13.7	26	1.4	NIL	Cloudy, rain. Fog patches late am. Ocnl thick fog pm. Slt drzl evng			
WED	25	1023.2	20.7	11.1	15.9	9.4	12.5	11.7	140	07	8.0	16	NIL	8.2	Cloudy, mist mid am bec mainly fair. Ocnl cloudy			
THU	26	1018.9	19.0	11.4	15.2	9.5	13.3	11.8	230	09	8.5	23	NIL	2.1	Fair bec cloudy. Mist, fog patches late am & pm. Fine late, mist & dew			
FRI	27	1010.2	<u>24.5</u>	<u>12.6</u>	<u>18.5</u>	<u>11.2</u>	13.7	12.0	150	09	9.1	21	NIL	14.4	Fine, mist & dew early. Ocnl dry air pm. Cloudy late			
SAT	28	1018.0	15.3	10.4	12.9	10.3	<u>14.4</u>	12.2	230	17	14.0	27	NIL	12.0	Cloudy bec fair. Fine pm. Dew late			
SUN	29	1022.1	12.8	7.7	10.3	1.1	14.2	12.4	010	06	<u>4.7</u>	10	TR	1.4	Fine, dew early bec cloudy. Tempo slt rain mid pm. Fair or fine late ev			
B.HOL	30	1024.7	15.0	7.2	11.1	0.0	13.5	<u>12.6</u>	260	13	8.8	18	NIL	<u>14.7</u>	Fine, dew. Tempo fair am			
TUE	31	<u>1028.2</u>	15.8	10.0	12.9	7.2	13.9	<u>12.6</u>	250	07	5.1	11	TR	2.2	Fair, dew bec cloudy. Ocnl fair early pm			
MEAN		1017.9	14.3	9.0	11.7	6.7	12.4	11.4	SW	11.5	10.8	TOTAL	46.7	223.8				
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				
		15	11	0	0	0	1	0	1	6	0	0	4					
RECORDS FROM JANUARY 1947															RAINFALL	284.9 mm	SUNSHINE	630.6 hrs
WETTEST DAY		40.4mm	DRIEST MONTH		4.1mm	LOWEST MIN		0.1°C	WARMEST MNTH		13.9°C	SUNNIEST MNTH		336.4hrs	RAIN DAYS	80	SUNLESS DAYS	29
DAY/YEAR		24th/1950	YEAR		1989	DAY/YEAR		2nd/1979	YEAR		1989	YEAR		1989	WET DAYS	55		
WETTEST MNTH		128.7mm	HIGHEST MAX		25.9	LOWEST GRASS		-5.6°C	COLDEST MNTH		9.9°C	DULLEST MNTH		136.9hrs				
YEAR		1994	DAY/YEAR		30th/2003	DAY/YEAR		5th/1979	YEAR		1984	YEAR		1981				



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JUNE 2005**

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	1024.1	15.4	11.9	13.7	11.0	<u>14.0</u>	<u>12.7</u>	200	07	7.7	15	TR	0.2	Cloudy. Drizzle & thick fog mid am. Ocni drzl, fog patches.			
THU	2	1018.2	17.3	12.0	14.7	11.6	14.1	12.8	170	05	<u>5.9</u>	16	TR	4.1	Cloudy, mist. Ocni thick fog early. Ocni drzl, fog patches. Ocni fair pm			
FRI	3	1010.9	15.4	11.9	13.7	10.4	14.4	12.9	240	09	9.7	28	2.2	6.7	Cloudy, mist mid am. Fair late am. Shower early pm. Ocni fine evng			
SAT	4	1017.8	15.3	10.9	13.1	10.4	14.3	12.9	240	15	15.5	28	1.9	9.0	Cloudy, slt shwrs. Hvy shwr mid am. Fair or fine pm. Cloudy late			
SUN	5	1022.0	<u>12.8</u>	11.2	<u>12.0</u>	9.5	14.4	13.1	240	10	11.8	22	11.1	NIL	Cloudy. Rain from mid am. Mod rain. Ocni fog pm. Thick fog late evng			
MON	6	1021.0	15.0	11.7	13.4	12.0	<u>14.0</u>	13.1	280	12	12.0	25	TR	3.3	Drzl/fog. Ocni thick fog. Fog patches. Slt rain early pm. Fine evng			
TUE	7	1035.6	14.4	10.0	12.2	7.6	<u>14.0</u>	13.1	070	12	12.2	23	NIL	14.1	Fine bec fair pm. Fine late			
WED	8	<u>1036.3</u>	15.3	10.4	12.9	7.7	14.1	13.0	090	12	11.7	24	NIL	14.8	Fine, ocni fair pm			
THU	9	1032.7	16.9	9.9	13.4	7.3	14.3	13.2	050	06	8.4	22	NIL	14.9	Fine, slt dew early. Dry air pm			
FRI	10	1025.0	19.0	10.3	14.7	6.2	14.5	13.2	360	<u>04</u>	7.0	19	NIL	11.2	Fine, dew bec cloudy. Fine late am. Haze & dew late			
SAT	11	1018.9	15.7	11.1	13.4	9.2	15.0	13.3	050	13	9.7	22	NIL	14.6	Fair, haze. Ocni cloudy early bec fine. Tempo fair midday			
SUN	12	1013.9	17.5	11.1	14.3	7.6	15.0	13.5	210	<u>04</u>	6.6	18	NIL	14.6	Fine bec cloudy. Fine again mid am. Dry air pm			
MON	13	1011.3	14.8	9.4	12.1	5.5	15.0	13.6	320	08	7.3	15	NIL	15.1	Fine, dew. Dry air pm			
TUE	14	1013.1	16.9	<u>9.1</u>	13.0	<u>2.6</u>	14.9	13.7	260	08	7.1	18	11.7	13.1	Fine, dew bec fair. Ocni cloudy pm			
WED	15	1013.1	17.0	12.9	15.0	9.6	15.1	13.8	210	11	14.4	30	TR	9.9	Fine, dew bec cloudy. Rain, tempo hvy rain mid am, Fog patch. Bec fa			
THU	16	1022.9	18.0	13.6	15.8	11.6	15.2	13.9	180	08	11.5	23	TR	0.1	Fair bec cloudy. Mist/haze pm. Ocni fog by evng. Slt drzl. Thick fog late			
FRI	17	1030.1	21.2	15.3	18.3	14.8	15.3	14.0	240	06	6.0	19	NIL	2.6	Thick fog early. Mainly cloudy. Fine evng, adjacent fog. Dew			
SAT	18	1024.7	26.0	15.7	20.9	13.9	15.8	14.1	100	09	9.6	19	NIL	15.4	Fine, dew early			
SUN	19	1016.5	<u>26.5</u>	15.5	21.0	<u>18.7</u>	16.7	14.2	130	08	8.9	20	NIL	13.3	Fine bec fair. Haze evening			
MON	20	1018.4	18.8	13.2	16.0	11.4	17.1	14.5	320	12	10.5	19	NIL	9.7	Cloudy bec fair. Ocni cloudy			
TUE	21	1022.5	18.7	13.0	15.9	10.8	16.7	14.8	330	<u>04</u>	7.7	15	NIL	14.7	Mainly fair			
WED	22	1023.9	22.7	13.6	18.2	8.3	16.7	14.9	120	08	6.9	17	NIL	<u>15.5</u>	Fine, dew early			
THU	23	1018.6	25.7	<u>17.2</u>	<u>21.5</u>	14.9	17.2	15.0	020	06	7.7	17	TR	9.1	Fair, ocni cloudy. Fine evening, dry air. Lightning late			
FRI	24	1012.9	21.8	16.0	18.9	15.8	<u>17.4</u>	15.3	080	05	6.2	16	0.4	7.6	Fair, lghtng. Slt shwr. Fine mid am. Haze late am. Slt shwrs pm			
SAT	25	1018.0	21.1	14.5	17.8	13.5	17.3	15.4	350	06	9.7	28	TR	2.3	Cloudy bec mist. Tempo fog am. Haze pm. Tempo fair			
SUN	26	1023.1	17.3	13.6	15.5	13.0	17.1	<u>15.5</u>	050	<u>20</u>	<u>19.2</u>	<u>34</u>	0.3	5.0	Cloudy, haze bec fair pm. Ocni fine			
MON	27	1020.1	19.7	13.6	16.7	12.6	16.6	<u>15.5</u>	050	18	16.6	30	4.8	8.1	Fair bec cloudy. T&L/shwr. Fair or fine pm. T&L late, hvy rain			
TUE	28	1011.2	25.2	14.6	19.9	13.3	16.6	<u>15.5</u>	100	15	12.3	30	0.6	7.8	Lghtng early. Fair to cloudy. Slt shwr. Haze			
WED	29	1009.2	19.3	14.6	17.0	11.9	16.9	15.4	160	07	7.8	24	<u>13.1</u>	6.0	Fine bec cloudy. Shwr mid am. Ocni fair. Hvy shwr late evng. Fog late			
THU	30	<u>1008.6</u>	17.9	13.3	15.6	12.8	16.8	<u>15.5</u>	190	06	12.0	28	0.6	5.7	Drzl & fog. Rain mid am, mist. Tempo fog. Ocni fair. Fine evng			
MEAN		1019.8	18.6	12.7	15.7	10.9	15.6	14.0	SW	9.1	10.0	TOTAL	46.7	268.5				
30 YEAR AVE. 1971-00		1017.8	16.9	11.1	14.0	8.8	15.6	14.0	W	11.2	10.6	////	46.2	238.2				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		10	6	0	0	1	4	0	0	10	4	0	1					
RECORDS FROM JANUARY 1947															RAINFALL	331.6 mm	SUNSHINE	899.1 hrs
WETTEST DAY DAY/YEAR	46.8mm 16th/1970	DRIEST MONTH YEAR	0.6mm 1976	LOWEST MIN DAY/YEAR	5.4°C 1st/1975	WARMEST MNTH YEAR	16.7°C 1976	SUNNIEST MNTH YEAR	355.3hrs 1975	RAIN DAYS	90	SUNLESS DAYS	30					
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									



## METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JULY 2005

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs			
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
FRI	1	1016.4	<u>15.2</u>	13.8	14.5	12.1	16.6	15.6	230	10	13.3	26	1.1	NIL	Cloudy, ocnl rain & drzl. Mist, fog patches. Ocnl thick fog pm		
SAT	2	1021.4	18.8	14.0	16.4	13.5	16.2	15.6	220	10	9.7	22	NIL	7.4	Cloudy, mist bec fair or fine pm. Cloudy late		
SUN	3	1018.4	18.1	13.1	15.6	10.8	16.5	15.5	220	08	7.0	15	0.2	4.9	Cloudy bec fair. Cloudy late am. Tempo slt rain pm		
MON	4	1012.3	17.7	<u>11.6</u>	14.7	9.6	16.4	15.5	280	<u>18</u>	14.4	30	TR	13.5	Fair, tempo cloudy early. Slt shwrs. Bec mainly fine		
TUE	5	1013.9	15.3	12.3	<u>13.8</u>	9.6	16.2	15.5	190	10	11.8	28	8.8	1.2	Fine bec cloudy. Rain & drzl. Mist. Fog patches. Hvy rain early pm		
WED	6	1012.4	17.1	13.2	15.2	12.2	<u>15.8</u>	15.5	290	17	<u>16.2</u>	<u>32</u>	NIL	8.3	Cloudy, rain & drzl early. Bec fair, ocnl cloudy		
THU	7	1017.6	18.2	12.4	15.3	10.0	<u>15.8</u>	15.5	300	16	12.5	25	NIL	11.1	Cloudy bec fair		
FRI	8	1020.9	19.2	11.9	15.6	7.7	16.1	<u>15.3</u>	360	07	7.2	15	NIL	14.2	Cloudy bec fair or fine		
SAT	9	1023.1	19.1	13.6	16.4	9.4	16.6	15.4	030	12	8.8	23	NIL	11.8	Fine, dew. Ocnl cloudy am. Fair pm bec fine. Dew late		
SUN	10	1028.5	22.0	13.7	17.9	10.0	16.6	15.6	020	09	8.0	19	NIL	14.0	Fine, dew. Tempo cloudy early.		
MON	11	<u>1031.3</u>	24.5	15.0	19.8	10.1	16.9	15.6	050	12	8.7	21	NIL	<u>15.0</u>	Fine, slt dew early. Dry air		
TUE	12	1030.4	19.0	14.8	16.9	10.6	17.2	15.7	050	12	9.8	22	NIL	12.2	Fine bec cloudy. Mist, fog patches mid am bec fine late am. Dew late		
WED	13	1026.5	23.5	13.5	18.5	8.8	17.2	15.9	140	<u>03</u>	5.9	17	NIL	14.9	Fine, dew. Tempo cloudy early, mist. Adjacent fog. Dry air pm		
THU	14	1020.9	<u>26.4</u>	14.9	<u>20.7</u>	11.3	17.5	16.0	150	<u>03</u>	<u>4.0</u>	09	NIL	14.9	Fine. Ocnl dry air		
FRI	15	1017.3	21.7	15.5	18.6	9.0	18.1	16.1	320	10	7.5	16	NIL	14.0	Mainly fine. Tempo mist & adjacent fog mid am. Dew late		
SAT	16	1019.2	19.6	14.6	17.1	10.3	18.1	16.3	320	08	6.6	15	NIL	14.5	Fine, dew early.		
SUN	17	1017.9	22.8	14.6	18.7	<u>6.3</u>	18.1	16.4	170	04	4.6	16	NIL	13.2	Fine, dew early. Ocnl dry air. Bec fair pm. Lightning late		
MON	18	1011.8	19.8	15.7	17.8	11.7	<u>18.3</u>	16.5	240	11	13.1	27	TR	4.9	Fair, ocnl cloudy am. Slt T&L early. Cloudy pm, slt rain or drzl		
TUE	19	1020.3	20.0	15.1	17.6	12.6	17.6	16.5	260	12	14.4	22	TR	5.8	Fair bec cloudy, slt rain. Ocnl fair pm		
WED	20	1025.4	20.7	16.2	18.5	15.3	17.7	<u>16.7</u>	260	16	15.6	28	NIL	7.7	Cloudy, slt shwr early. Bec fair then fine pm		
THU	21	1024.4	20.5	15.7	18.1	13.9	17.7	16.6	290	13	11.3	20	NIL	10.1	Fine bec cloudy. Tempo fog early bec fair. Fine evening		
FRI	22	1019.0	19.7	13.9	16.8	11.2	17.7	16.6	350	09	7.3	17	0.7	11.6	Fine, dew early. Bec cloudy evening. Slt rain late		
SAT	23	1011.0	18.0	14.4	16.2	13.6	17.9	16.6	240	09	6.3	15	13.7	NIL	Cloudy, rain. Fog patches am. Slt rain. Rain & thick fog late		
SUN	24	<u>1001.2</u>	19.8	15.7	17.8	15.3	17.6	16.6	220	13	14.5	29	1.2	7.8	Rain & fog, tempo hvy rain. Fair or fine pm. Slt shwrs late		
MON	25	1003.7	19.2	15.5	17.4	14.4	17.5	<u>16.7</u>	240	16	9.5	26	5.1	2.7	Cloudy, shwrs am. Tempo fair		
TUE	26	1009.2	18.2	15.0	16.6	13.5	17.5	16.6	090	10	7.1	19	<u>18.1</u>	NIL	Cloudy. Rain mid am bec mod rain. Mist. Fog patches. Thick fog		
WED	27	1007.9	21.8	<u>16.5</u>	19.2	<u>16.3</u>	17.3	<u>16.7</u>	170	08	7.0	18	1.0	1.5	Thick fog & rain early. Mist. Tempo fair pm. Slt shwrs pm		
THU	28	1006.3	20.4	15.6	18.0	15.5	17.9	<u>16.7</u>	170	13	10.4	23	1.6	7.3	Fine early bec cloudy, tempo fog. Fair, ocnl cloudy. Shwrs		
FRI	29	1012.6	19.3	14.6	17.0	13.3	17.7	<u>16.7</u>	240	08	8.6	17	NIL	9.9	Fair to cloudy am. Tempo mist. Mainly fair pm		
SAT	30	1014.8	17.3	13.7	15.5	12.2	17.5	<u>16.7</u>	220	13	13.5	26	1.7	3.2	Fair to cloudy, slt shwrs		
SUN	31	1016.1	17.7	14.0	15.9	14.2	17.3	<u>16.7</u>	270	11	10.5	20	NIL	0.4	Cloudy. Showers mid am		
MEAN		1017.2	19.7	14.3	17.0	11.8	17.2	16.1	SW	10.7	9.8	TOTAL	53.2	258.0			
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	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		11	9	0	0	1	2	0	0	10	1	0	3				
RECORDS FROM JANUARY 1947																	
WETTEST DAY	62.5mm	DRIEST MONTH	3.9mm	LOWEST MIN	8.3°C	WARMEST MNTH	19.4°C	SUNNIEST MNTH	335.9hrs	RAINFALL	384.8 mm	SUNSHINE	1157.1 hrs				
DAY/YEAR	7th/2004	YEAR	1999	DAY/YEAR	8th/1954	YEAR	1983	YEAR	1959	RAIN DAYS	101	SUNLESS DAYS	33				
WETTEST MNTH	120.2mm	HIGHEST MAX	31.7°C	LOWEST GRASS	1.0°C	COLDEST MNTH	13.8°C	DULLEST MNTH	167.7hrs	WET DAYS	70						
YEAR	1960	DAY/YEAR	1st/1952	DAY/YEAR	7th/1996	YEAR	1954	YEAR	1972								



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT AUGUST 2005**

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
MON	1	1018.1	18.6	13.1	15.9	11.3	17.0	16.7	360	04	7.2	15	NIL	10.5	Cloudy bec fair. Fine evening. Shallow fog late			
TUE	2	1022.3	20.0	12.9	16.5	<u>5.4</u>	16.9	16.6	330	06	6.5	16	0.1	<u>14.3</u>	Fine, shallow fog, tempo fog early			
WED	3	1025.1	19.5	14.6	17.1	11.8	17.3	16.6	320	14	12.3	24	NIL	11.6	Fine bec cloudy. Slt rain mid am bec fair			
THU	4	<u>1029.4</u>	19.0	13.4	16.2	8.2	17.4	16.7	280	08	8.0	19	0.8	9.3	Fair bec cloudy pm. Slt rain late			
FRI	5	1020.5	19.5	14.8	17.2	14.2	17.4	16.6	250	19	15.2	29	0.1	7.7	Cloudy, slt rain or drzl. Tempo thick fog mid am. Fair pm. Fine evng			
SAT	6	1024.4	19.6	13.3	16.5	9.8	17.3	16.7	340	04	8.8	19	3.4	8.2	Fair, bec mainly cloudy pm. Rain, drzl & mist late			
SUN	7	1019.8	17.9	13.0	15.5	13.7	17.3	16.7	040	12	7.0	18	NIL	12.2	Rain, drzl & mist bec fair then fine.			
MON	8	1021.7	20.7	<u>12.4</u>	16.6	5.6	17.2	16.6	130	06	6.0	16	NIL	14.0	Fine, dew. Dry air pm			
TUE	9	1019.0	20.4	13.3	16.9	6.2	17.3	16.7	210	03	4.9	13	NIL	13.9	Fine. Ocnl dry air pm			
WED	10	1017.5	21.7	14.0	17.9	6.6	17.4	16.7	020	09	7.0	15	NIL	13.7	Fine, dew late			
THU	11	1018.4	21.3	14.7	18.0	9.4	17.6	16.7	330	07	9.2	21	NIL	12.9	Fine, dew. Mist mid am bec haze. Fair. Tempo adj fog early pm			
FRI	12	1017.9	19.4	15.0	17.2	11.7	<u>17.7</u>	16.7	310	09	9.7	19	NIL	10.9	Fair, ocnl cloudy am			
SAT	13	1021.1	18.7	12.8	15.8	7.5	17.4	<u>16.8</u>	240	09	12.4	29	3.1	4.8	Fine, dew bec fair. Cloudy late am. Rain or drzl pm. Fog patches			
SUN	14	1020.3	19.1	14.4	16.8	11.4	17.1	<u>16.8</u>	310	17	13.4	26	NIL	13.5	Fair bec mainly fine			
MON	15	1026.3	21.5	13.5	17.5	7.0	17.0	<u>16.8</u>	140	04	4.6	11	NIL	12.5	Fine, dew. Shallow fog & mist mid am			
TUE	16	1023.4	21.6	13.6	17.6	6.4	17.3	<u>16.8</u>	160	02	6.0	18	NIL	13.4	Fine, dew. Shallow fog mid am			
WED	17	1018.3	22.5	15.0	18.8	11.5	17.4	<u>16.8</u>	080	08	9.0	20	NIL	13.4	Fine, dew			
THU	18	1013.2	23.5	15.1	19.3	9.1	17.6	<u>16.8</u>	290	<u>01</u>	8.0	21	5.5	8.9	Fine, haze & dew. Tempo mist. Fair pm bec cloudy. Haze evng			
FRI	19	1018.3	19.4	14.1	16.8	13.4	<u>17.7</u>	<u>16.8</u>	320	16	15.3	26	NIL	9.4	Cloudy, heavy rain early bec fair.. Fine late am. Ocnl cloudy evng			
SAT	20	1023.8	18.8	14.1	16.5	11.4	17.2	<u>16.8</u>	330	11	10.4	21	NIL	10.7	Fair, ocnl fine			
SUN	21	1026.0	19.5	13.3	16.4	8.2	17.1	<u>16.8</u>	330	08	8.6	17	1.2	11.7	Fine, dew. Tempo cloudy mid am. Cloudy late			
MON	22	1018.9	19.1	14.4	16.8	11.1	17.3	16.7	250	12	12.5	26	0.1	4.0	Cloudy. Rain, drzl & fog mid am. Fair to cloudy pm			
TUE	23	1022.1	18.7	14.3	16.5	11.7	17.0	<u>16.8</u>	330	10	10.7	24	TR	10.0	Fair, tempo cloudy early. Ocnl fine			
WED	24	1013.1	<u>16.3</u>	14.2	<u>15.3</u>	11.2	16.9	16.7	210	<u>20</u>	14.1	<u>33</u>	<u>18.8</u>	0.2	Fair bec cloudy. Rain late am. Tempo heavy rain pm			
THU	25	<u>1007.0</u>	17.9	14.0	15.9	11.3	16.5	16.7	270	18	<u>16.1</u>	32	TR	10.8	Cloudy bec fair or fine. Slt shwrs mid am			
FRI	26	1018.3	17.8	13.3	15.5	10.0	<u>16.2</u>	16.6	250	12	10.6	21	TR	4.1	Fair or fine. Slt shwr early. Cloudy late am. Slt shwr. Fair evng			
SAT	27	1018.1	19.8	14.4	17.1	11.3	<u>16.2</u>	16.5	200	06	5.3	11	NIL	7.9	Fair bec cloudy. Fair late am bec fine pm. Dry air			
SUN	28	1022.5	21.3	13.8	17.5	9.7	16.7	16.4	060	04	<u>3.8</u>	09	NIL	12.6	Fine, dew early			
B.HOL	29	1023.8	22.1	13.9	18.0	7.0	16.8	<u>16.3</u>	020	02	4.3	12	NIL	13.0	Fine. Ocnl dry air pm			
TUE	30	1017.2	<u>25.4</u>	15.1	<u>20.3</u>	10.6	17.1	16.5	080	12	8.9	18	NIL	11.4	Fine. Dry air pm bec fair			
WED	31	1010.7	22.8	<u>17.8</u>	<u>20.3</u>	<u>16.3</u>	17.6	16.5	150	08	9.3	22	TR	6.9	Fine bec fair. Cloudy late am. Slt shwr pm. Tempo fine evng			
MEAN		1019.9	20.1	14.1	17.1	10.0	17.2	16.7	NW	9.1	9.2	TOTAL	33.1	318.4				
30 YEAR AVE. 1971-00		1017.8	19.5	13.7	16.6	11.0	17.9	17.0	W	10.0	9.7	////	45.8	235.0				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		6	5	0	0	0	0	0	0	0	4	2	0			0		
RECORDS FROM JANUARY 1947																		
WETTEST DAY	55.8mm	DRIEST MONTH	3.8mm	LOWEST MIN	9.2°C	WARMEST MNTH	19.3°C	SUNNIEST MNTH	323.0hrs	RAINFALL						417.9 mm	SUNSHINE	1475.5 hrs
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	2003	YEAR	1955	RAIN DAYS						107	SUNLESS DAYS	33
WETTEST MNTH	122.0mm	HIGHEST MAX	34.3	LOWEST GRASS	0.8°C	COLDEST MNTH	14.3°C	DULLEST MNTH	139.2hrs	WET DAYS						75		
YEAR	1951	DAY/YEAR	9th/2003	DAY/YEAR	11th/1981	YEAR	1956	YEAR	1992									



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT SEPTEMBER 2005**

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	1016.1	20.4	15.0	17.7	13.8	17.5	16.7	260	07	9.2	18	0.1	7.2	Cloudy, ocnl slt drzl/rain am bec fair pm. Fine evng			
FRI	2	1026.3	19.7	11.7	15.7	3.4	17.3	16.7	030	05	6.8	16	NIL	<u>12.7</u>	Fine, dew bec fair. Dry air. Bec fine pm. Dew late			
SAT	3	1025.3	<u>25.0</u>	15.7	20.4	12.4	17.2	16.7	100	12	11.9	23	NIL	10.8	Fine, dew bec fair.			
SUN	4	1018.4	23.8	<u>17.5</u>	<u>20.7</u>	<u>17.8</u>	<u>17.6</u>	16.8	130	07	7.7	18	3.0	4.7	Fine bec fair. Cloudy midday. T&L, hvy rain early pm. Fog patches			
MON	5	1013.9	20.7	15.8	18.3	12.0	17.5	16.8	170	08	6.7	19	TR	6.5	Cloudy, slt rain early. Fair late am. Cloudy evng, slt rain late			
TUE	6	<u>1008.3</u>	21.9	14.9	18.4	9.3	17.5	16.8	120	07	6.3	17	TR	8.5	Cloudy. Fine mid am bec fair, tempo cloudy. Slt shwr am. Fine pm			
WED	7	1013.0	22.5	14.4	18.5	10.4	17.4	16.8	310	07	4.8	12	NIL	10.7	Fine, dew. Shallow fog mid am bec fair. Adj fog pm. Fog evng, thick fo			
THU	8	1014.1	20.7	14.1	17.4	10.1	17.5	16.8	210	06	4.5	11	NIL	10.5	Thick fog early bec cloudy, mist then fair. Fine pm			
FRI	9	1009.4	20.5	15.5	18.0	9.0	<u>17.6</u>	16.9	180	05	5.9	17	<u>18.0</u>	6.4	Fine, dew bec cloudy, mist then fair. Ocnl cloudy pm. Shwrs evng, fog			
SAT	10	1009.6	21.2	13.9	17.6	13.3	<u>17.6</u>	16.9	320	<u>02</u>	4.3	15	0.1	8.0	Cloudy, rain. Tempo hvy rain am bec fair. Fine pm. Dew later			
SUN	11	1014.3	19.1	13.3	16.2	6.3	17.5	<u>17.0</u>	350	07	7.0	16	TR	2.7	Fair, mist & dew. Fog patches. Bec mainly cloudy. Haze			
MON	12	1020.9	17.8	15.5	16.7	14.1	17.2	16.9	020	08	7.6	18	TR	0.1	Cloudy. Ocnl slt drzl am			
TUE	13	1026.4	19.2	16.5	17.9	15.2	17.1	16.9	060	04	<u>3.1</u>	11	TR	NIL	Cloudy. Mist mid am bec haze			
WED	14	1026.1	17.8	15.3	16.6	13.4	17.2	16.8	240	11	12.5	25	0.6	NIL	Cloudy, mist. Ocnlfair early. Drzl & fog evng			
THU	15	1020.9	18.5	16.3	17.4	16.0	17.1	16.8	230	15	15.4	31	3.5	0.2	Rain, drzl & fog. Tempo thick fog early. Rain & fog evng. Ocnl mod rain			
FRI	16	1016.1	16.4	12.0	14.2	12.4	16.8	16.7	010	15	14.7	30	0.3	4.8	Cloudy. Ocnl drzl or rain am. Bec fair or fine pm			
SAT	17	1027.3	<u>14.8</u>	<u>10.4</u>	<u>12.6</u>	6.1	15.7	16.7	010	10	7.0	20	NIL	10.7	Fair. Dry air. Fine pm. Cloudy late			
SUN	18	<u>1028.8</u>	16.9	10.6	13.8	<u>2.4</u>	15.4	16.5	030	05	4.1	12	NIL	6.8	Cloudy bec fine then fair. Fine evening			
MON	19	1026.9	18.5	10.6	14.6	<u>2.4</u>	15.0	16.4	140	05	4.2	14	NIL	8.9	Fine, dew bec fair pm			
TUE	20	1026.9	17.9	11.5	14.7	3.3	15.1	16.2	240	07	4.9	12	NIL	4.0	Fair bec cloudy. Bec fair or fine pm. Fog late			
WED	21	1024.1	19.2	12.3	15.8	4.1	15.4	16.0	080	04	3.7	11	NIL	8.1	Fog then mist bec fair. Fine late am. Fair evng. Dew late			
THU	22	1019.2	20.3	14.1	17.2	10.0	15.7	16.0	130	04	4.7	11	NIL	8.3	Fair, dew bec mist then haze. Bec fine pm. Dry air			
FRI	23	1013.4	18.0	13.9	16.0	7.2	15.9	15.9	200	12	10.2	21	0.1	2.3	Fine, dew bec cloudy, haze. Slt rain early pm then fair bec fine			
SAT	24	1018.6	18.9	13.2	16.1	8.3	15.5	15.9	080	06	6.3	19	2.3	4.3	Fair bec cloudy. Funnel cloud am. Bec fair pm. Cloudy later			
SUN	25	1012.1	18.9	14.0	16.5	10.8	15.7	16.0	260	13	13.3	26	0.4	10.2	Cloudy, rain early bec fair mid am, then fine. Fair late, shwr			
MON	26	1019.3	17.8	13.0	15.4	8.3	15.6	15.9	210	13	12.0	29	7.4	1.6	Fair or fine bec cloudy. Fair evng			
TUE	27	1017.4	18.2	13.7	16.0	14.1	15.7	15.8	270	14	14.1	27	TR	6.1	Cloudy, mod or hvy rain early. Fair late am. Fair or fine pm			
WED	28	1024.2	15.2	11.4	13.3	6.2	15.3	15.9	230	05	13.8	<u>41</u>	0.9	NIL	Fair or fine, slt shwr early bec cloudy. Tempo rain pm			
THU	29	1024.0	16.4	12.2	14.3	8.2	<u>14.9</u>	15.8	310	15	13.1	28	4.3	8.2	Cloudy, slt rain early bec fair. Ocnl dry air pm. Cloudy evng			
FRI	30	1021.8	16.9	14.4	15.7	11.9	15.0	<u>15.6</u>	250	<u>16</u>	<u>15.8</u>	34	4.7	NIL	Cloudy, rain/drzl mid am. Fog & drzl. Tempo thick fog. Rain & drzl evng			
MEAN		1019.4	19.1	13.8	16.4	9.7	16.5	16.5	SW	8.5	8.5	TOTAL	45.7	173.3				
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				
		11	7	0	0	1	1	0	0	8	1	0	4					
RECORDS FROM JANUARY 1947															RAINFALL	463.6 mm	SUNSHINE	1648.8 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	118	SUNLESS DAYS	37	WET DAYS	82			
WETTEST MNTH YEAR	194.5mm 1952	HIGHEST MAX DAY/YEAR	30.6°C 2nd/1961	LOWEST GRASS DAY/YEAR	-1.0°C 23rd/1979	COLDEST MNTH YEAR	12.8°C 1986	DULLEST MNTH YEAR	104.5hrs 1956									



## METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT OCTOBER 2005

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs		
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX				
SAT	1	1018.7	16.7	12.2	14.5	8.9	<u>15.1</u>	<u>15.5</u>	280	21	<u>18.7</u>	34	0.6	8.2	Cloudy bec mainly fair. Showers	
SUN	2	1026.2	15.1	10.7	<u>12.9</u>	9.1	14.5	<u>15.5</u>	340	17	11.7	29	TR	4.6	Fair bec cloudy. Showers. Fair pm	
MON	3	<u>1031.6</u>	16.6	10.3	13.5	<u>0.9</u>	14.0	15.4	050	02	4.4	13	NIL	2.1	Fair or fine bec cloudy. Ocnl fair early pm	
TUE	4	1029.9	16.3	10.9	13.6	1.4	14.0	15.3	090	08	6.3	21	NIL	5.3	Cloudy, ocnl fair early. Bec fine pm	
WED	5	1027.3	15.3	12.3	13.8	7.1	13.9	15.1	020	09	7.3	16	0.2	NIL	Fine bec cloudy. Slt drzl midday. Drzl evening	
THU	6	1023.9	17.9	13.3	15.6	13.2	14.2	15.0	040	04	<u>3.6</u>	9	0.4	0.3	Cloudy, slt drzl or rain. Mist or haze. Fine evng. Mist, dew, shallow fog	
FRI	7	1019.9	16.9	13.2	15.1	5.9	14.4	14.9	150	07	6.0	13	0.1	3.0	Fine, mist & dew bec cloudy. Haze. Bec fine pm. Mist & dew evng	
SAT	8	1015.7	17.8	13.5	15.7	8.2	14.6	14.9	200	06	8.7	21	1.2	5.4	Fine, mist & dew bec cloudy, then far. Bec cloudy pm. Rain evng	
SUN	9	1022.9	17.1	<u>9.4</u>	13.3	1.2	14.3	14.9	—	<u>00</u>	3.7	10	TR	9.3	Fine bec fair. Fine evening. Dew late	
MON	10	1014.6	<u>20.4</u>	13.1	16.8	6.1	14.4	14.9	140	08	8.0	17	NIL	7.0	Fine, dew bec fair. Cloudy late evening	
TUE	11	1009.5	17.7	15.9	16.8	13.5	14.8	14.8	140	11	9.0	22	4.2	1.0	Cloudy, haze bec mist. Rain pm. Haze, mist evening	
WED	12	1008.9	17.0	<u>16.2</u>	16.6	<u>13.8</u>	<u>15.1</u>	14.9	160	10	9.0	21	10.5	NIL	Cloudy, tempo fine early. Mist. Slt rain late am. Hvy rain early evng	
THU	13	1016.6	16.3	13.4	14.9	13.0	15.0	14.9	350	15	13.4	25	2.4	NIL	Cloudy. Hvy rain early. Slt drzl pm. Rain & drzl evng	
FRI	14	1024.1	18.3	13.6	16.0	12.9	14.8	15.0	090	08	11.7	23	NIL	2.6	Cloudy, slt drzl early. Mist bec haze. Bec fine pm. Mist & dew evng	
SAT	15	1022.6	19.9	15.0	<u>17.5</u>	11.1	14.9	15.0	100	12	10.5	23	5.6	<u>9.9</u>	Fine, dew early. Tempo dry air pm. Fair late	
SUN	16	1018.3	17.7	14.2	16.0	12.9	14.9	15.0	120	08	7.0	17	4.1	NIL	Cloudy. Rain mid am. Tempo hvy rain am. Ocnl slt rain pm. Fair late	
MON	17	1020.2	18.1	13.6	15.9	10.4	14.8	15.0	130	09	8.5	18	0.3	6.0	Cloudy, ocnl fair am. Fair pm. Cloudy late	
TUE	18	1010.9	16.3	12.5	14.4	12.6	14.8	15.0	150	05	6.6	17	<u>19.1</u>	NIL	Cloudy, rain mid am. Rain pm, ocnl hvy rain evng. Mist	
WED	19	1007.4	15.7	10.9	13.3	10.3	14.6	14.9	200	16	14.0	29	8.6	4.8	Cloudy, ocnl fair. Shwrs. Hvy shwr. Hail early pm. Funnel cloud	
THU	20	1010.7	15.3	11.3	13.3	7.3	14.0	14.9	240	09	10.9	27	3.7	8.5	Fair or fine bec cloudy late evng	
FRI	21	<u>997.3</u>	16.0	13.5	14.7	10.2	14.0	14.7	240	17	18.4	37	1.4	6.6	Cloudy. Hvy rain early bec fair. Bec cloudy pm	
SAT	22	1001.0	<u>14.8</u>	12.4	13.6	10.7	13.9	14.7	260	04	9.7	24	1.3	0.2	Cloudy. Rain early. Shwrs. Fair late	
SUN	23	1014.2	16.1	11.7	13.9	8.1	<u>13.8</u>	14.6	230	12	11.6	28	2.4	3.3	Fair, ocnl cloudy am. Cloudy pm. Rain later	
MON	24	1012.4	16.7	14.2	15.5	10.5	14.0	<u>14.5</u>	200	16	17.3	34	6.2	NIL	Cloudy, ocnl rain. Mod rain early	
TUE	25	1005.9	16.6	13.4	15.0	12.1	14.2	<u>14.5</u>	220	<u>22</u>	18.6	<u>43</u>	TR	6.0	Cloudy. Mod to hvy rain early. Bec fair. Cloudy later	
WED	26	1014.1	19.1	14.3	16.7	11.7	14.3	14.6	170	10	10.7	24	TR	3.3	Fine early bec cloudy. Slt drzl am. Bec fair pm. Dew late	
THU	27	1008.1	19.5	14.9	17.2	12.3	14.6	14.6	150	15	12.7	25	4.1	7.1	Fine, dew early. Bec cloudy by evng	
FRI	28	1009.2	17.3	14.2	15.7	12.8	14.6	14.6	170	16	12.2	30	0.1	4.6	Cloudy. Mod rain early. Bec fair. Cloudy evng. Shwrs	
SAT	29	1007.9	18.0	14.1	16.1	11.4	14.6	14.6	150	16	14.2	33	1.0	1.3	Fine, dew bec cloudy. Tempo fair pm	
SUN	30	1003.6	18.0	14.9	16.5	<u>13.8</u>	14.7	14.6	170	17	12.9	27	0.3	3.1	Cloudy. Ocnl rain. Bec fair to cloudy	
MON	31	1005.8	16.6	11.8	14.2	10.6	14.6	14.6	190	12	12.8	33	6.0	3.4	Cloudy. Slt rain early. Bec fair. Mainly cloudy pm. Shwrs. Tempo hvy	
MEAN		1014.8	17.1	13.1	15.1	9.8	14.5	14.9	S	11.0	10.6	TOTAL	83.8	116.9		
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	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		21	16	0	1	0	1	0	0	0	0	6				
RECORDS FROM JANUARY 1947																
WETTEST DAY DAY/YEAR		46.2mm 7th/1987	DRIEST MONTH YEAR		3.4mm 1978	LOWEST MIN DAY/YEAR		3.5°C 28th/2003	WARMEST MNTH YEAR		15.2 2001	SUNNIEST MNTH YEAR		176.4hrs 1971	RAIN FALL 139	SUNSHINE 1765.7 hrs
WETTEST MNTH YEAR		233.9mm 1960	HIGHEST MAX DAY/YEAR		23.3°C 4th,5th/1959	LOWEST GRASS DAY/YEAR		-4.0°C 30th/1983	COLDEST MNTH YEAR		9.6°C 1974	DULLEST MNTH YEAR		72.6hrs 1968	WET DAYS 98	SUNLESS DAYS 43



**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT NOVEMBER 2005**

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs		
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX				
TUE	1	1013.6	14.3	10.5	12.4	7.7	<u>14.1</u>	<u>14.6</u>	250	15	17.1	<u>47</u>	<u>16.4</u>	5.2	Heavy shwrs.Bec cloudy durinmg afternoon with heavy rain eve.	
WED	2	1005.3	16.4	<u>12.7</u>	<u>14.6</u>	10.8	13.9	<u>14.6</u>	200	14	16.3	33	6.2	0.0	Persistent rain and drizzle till late afternoon then fair.	
THU	3	1003.4	15.9	12.0	14.0	<u>11.7</u>	14.0	14.4	200	<u>30</u>	<u>21.0</u>	<u>47</u>	3.7	2.4	Cloudy with showers throughout day, some fair periods	
FRI	4	1015.6	13.6	9.7	11.7	6.4	13.4	14.4	270	11	14.8	31	0.2	7.2	Mainly fair with ocnl showers	
SAT	5	1022.9	14.4	10.7	12.6	6.8	13.0	14.4	250	15	16.5	30	1.3	1.7	Cloudy throughout	
SUN	6	1017.1	14.5	11.6	13.1	11.1	13.1	14.0	200	23	16.7	38	14.0	0.0	Overcast with heavy rain at times	
MON	7	1020.4	13.8	11.0	12.4	8.2	12.9	14.0	230	12	14.3	30	NIL	2.9	Cloudy, showers becmg fair. Cloudy late am	
TUE	8	1012.2	<u>16.8</u>	10.1	13.5	10.0	12.8	13.9	170	20	16.5	34	7.7	1.9	Heavy/mod rain from late aft to early eve, & strong winds	
WED	9	1024.1	11.9	9.0	10.5	6.6	12.7	13.8	330	14	11.0	28	NIL	6.7	Cloudy with occnl showers am clearing to fine pm	
THU	10	1033.9	14.2	7.6	10.9	0.6	12.2	13.7	240	14	13.5	25	TR	0.2	Cloudy.Occnl light drizzle pm	
FRI	11	1027.3	13.9	9.4	11.7	10.9	12.6	13.5	220	19	16.7	38	4.4	0.0	Patchy rain a.m., rain in the evening heavy for a brief time.	
SAT	12	1014.2	12.4	8.2	10.3	5.6	12.2	13.5	270	06	7.3	29	7.0	1.7	Slight showers am. Tempo fair pm. Heavy shower eve. Lightning/hail	
SUN	13	1023.2	11.6	7.6	9.6	0.4	11.7	13.3	020	09	12.0	25	NIL	7.7	Fair or fine throughout day with long sunny periods.	
MON	14	1028.4	12.4	6.4	9.4	6.7	11.5	13.3	030	09	8.7	21	TR	8.1	Cldy clearing to fine/fair high cloud increasing pm clearing during eve.	
TUE	15	1015.2	12.7	5.9	9.3	-1.5	11.1	13.0	290	13	9.8	21	1.5	0.0	Cloudy throughout with occnl rain/drizzle,persistant at times	
WED	16	1010.5	11.2	6.1	8.7	5.7	11.3	12.8	320	15	10.6	24	0.5	0.5	Mainly cloudy.	
THU	17	1017.2	10.4	5.1	7.8	-1.6	10.7	12.8	050	<u>05</u>	<u>4.7</u>	12	NIL	4.7	Cloudy, slight showers early. Sunny periods developing	
FRI	18	1022.2	10.3	7.2	8.8	1.8	10.7	12.6	140	07	7.8	18	NIL	1.1	Cloudy with brighter periods during afternoon	
SAT	19	1029.4	9.6	7.0	8.3	3.6	10.3	12.5	100	10	11.1	20	NIL	<u>8.3</u>	Fine and sunny. Chilly	
SUN	20	1032.1	10.5	6.6	8.6	2.8	9.7	12.2	110	09	9.3	17	NIL	<u>8.3</u>	Fine/ fair early am then fine for rest of the day	
MON	21	1032.9	10.9	7.0	9.0	3.4	9.4	12.0	090	07	9.3	21	NIL	8.2	Fine.	
TUE	22	1034.0	12.0	7.5	9.8	5.8	9.5	11.7	050	11	13.2	26	NIL	4.6	Becoming cloudy by dawn then fine from midday.	
WED	23	<u>1037.7</u>	10.6	5.2	7.9	2.0	9.3	11.5	070	09	8.4	19	NIL	7.3	Fine sunny day.	
THU	24	1025.4	10.7	6.0	8.4	-2.1	9.1	11.4	300	06	16.7	<u>47</u>	1.6	0.0	Cloudy with rain/showers pm. Windy	
FRI	25	998.2	<u>6.8</u>	<u>2.5</u>	<u>4.7</u>	1.2	8.9	11.3	330	23	15.6	40	0.3	1.5	Shwrs of rain/snow/hail am occln fair/fine pm cloud increasing late pm	
SAT	26	<u>994.5</u>	8.0	<u>2.5</u>	5.3	<u>-2.2</u>	8.1	11.2	330	11	10.5	26	2.8	1.0	Mainly cloudy with scattered showers.	
SUN	27	1001.2	9.2	4.0	6.6	0.5	8.1	10.9	330	11	11.1	24	2.4	4.2	Fine early becoming fair to cloudy with isolated showers, lightning eve	
MON	28	1001.5	8.6	4.0	6.3	-1.1	8.1	10.6	330	06	8.3	25	1.6	3.1	Some fair periods, mainly cloudy with showers throughout the day	
TUE	29	1008.8	7.5	4.2	5.9	-0.1	8.0	<u>10.4</u>	350	10	9.0	25	TR	3.6	Cloudy with showers early am. Fair/fine for a short time pm	
WED	30	1011.0	10.2	5.5	7.9	-1.4	<u>7.9</u>	<u>10.4</u>	180	12	9.2	22	4.4	0.0	Cloudy, outbreaks of rain/drizzle early afternoon.	
MEAN		1017.8	11.8	7.4	9.6	4.0	11.0	12.8	NW	12.5	12.2	TOTAL	76.0	102.1		
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	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		17	14	1	5	0	2	0	7	1	0	0	6			
RECORDS FROM JANUARY 1947																
WETTEST DAY	39.4mm	DRIEST MONTH	16.1mm	LOWEST MIN		0.0°C	WARMEST MNTH		12.0°C	SUNNIEST MNTH		117.7hrs	RAINFALL	623.4 mm	SUNSHINE	1867.8 hrs
DAY/YEAR	15th/1975	YEAR	1978	18th/1952,19th/1985,22nd,28th/1993			YEAR	1994	YEAR	1988	YEAR	1988	RAIN DAYS	156	SUNLESS DAYS	49
WETTEST MNTH	192.5mm	HIGHEST MAX	16.8°C	LOWEST GRASS		-5.6°C	COLDEST MNTH		7.7°C	DULLEST MNTH		35.9hrs	WET DAYS	112		
YEAR	1965	DAY/YEAR	1st/1999	DAY/YEAR			29th/1987	YEAR	1993	YEAR	1994	YEAR	1994			

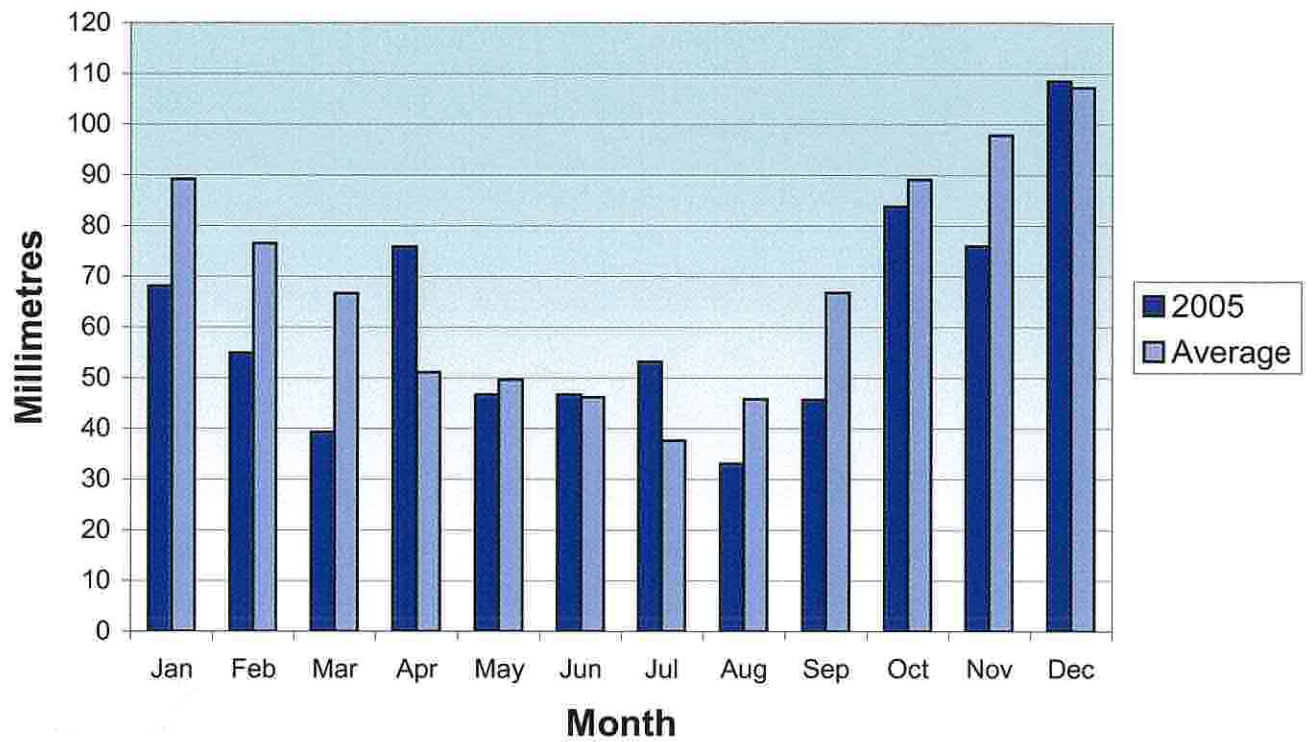


**METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT DECEMBER 2005**

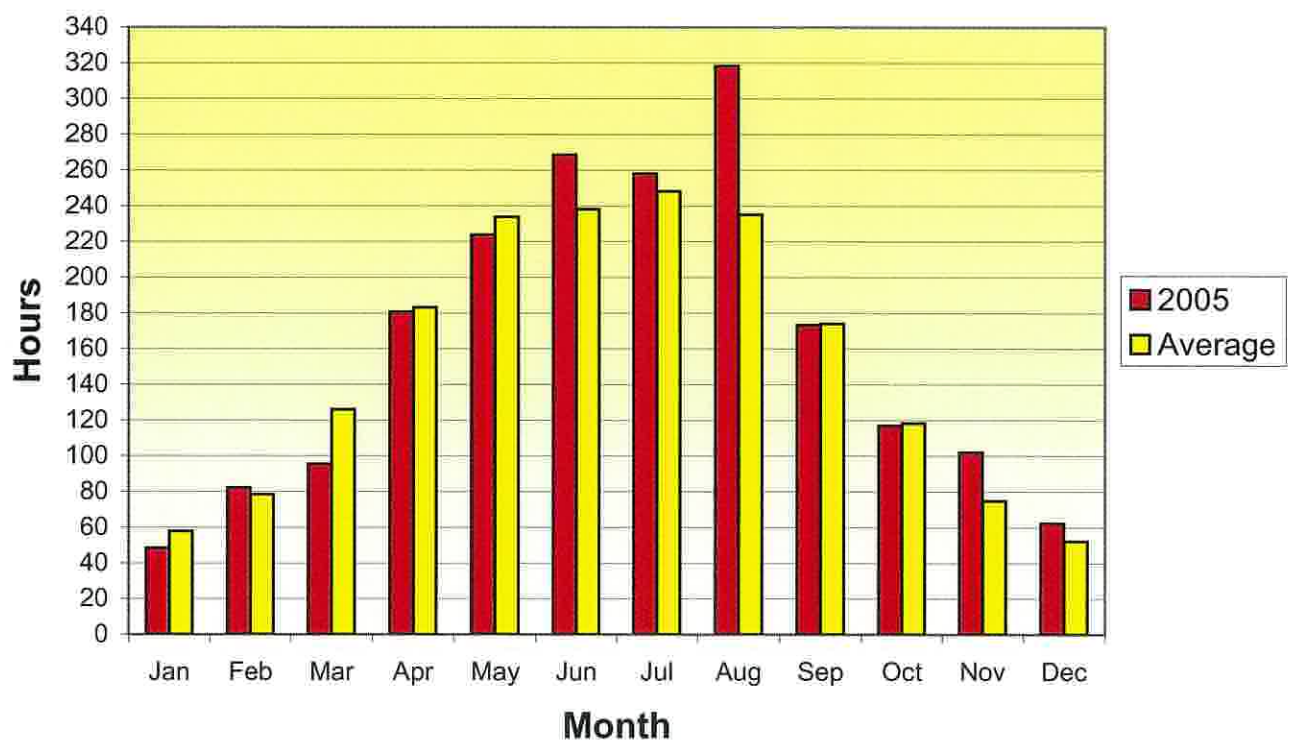
DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
THU	1	997.4	10.8	<u>9.0</u>	9.9	<u>6.9</u>	8.4	<u>10.3</u>	160	21	21.7	54	13.3	0.1	Cloudy throughout, with patchy drizzle early more general rain p.m.			
FRI	2	<u>976.5</u>	10.4	7.6	9.0	5.2	<u>8.8</u>	10.2	180	22	<u>23.1</u>	<u>62</u>	9.8	0.9	Cloudy with heavy showers, hail and gale during afternoon			
SAT	3	989.0	11.6	7.9	9.8	4.9	8.6	10.2	250	23	21.6	42	<u>16.5</u>	2.5	Cloudy with showers throughout the day, Lightning for a short time pm			
SUN	4	991.6	10.4	6.9	8.7	4.4	<u>8.8</u>	10.2	250	08	12.0	38	6.2	1.4	Very heavy showers early morning. Cloudy with scattered shwrs.			
MON	5	1001.6	9.5	5.8	7.7	2.2	8.5	10.2	290	14	15.2	33	2.9	2.3	Fair periods and scattered rain/hail showers.			
TUE	6	1006.6	9.3	6.3	7.8	2.8	8.2	10.1	310	14	11.7	30	1.4	3.1	Fair periods, with occasional showers of rain and hail			
WED	7	1018.2	9.8	4.6	7.2	-2.4	8.0	10.0	—	<u>00</u>	11.5	40	7.6	0.5	Fair to cloudy am. Rain, heavy at times pm clearing to shrs by eve.			
THU	8	1014.4	9.7	7.8	8.8	4.7	8.0	9.8	300	<u>31</u>	18.5	45	0.1	0.1	Cloudy with occnl showers early pm			
FRI	9	1035.2	10.6	7.3	9.0	4.6	8.1	9.7	130	07	5.9	14	NIL	4.1	Fair.			
SAT	10	<u>1040.5</u>	7.4	3.4	5.4	0.6	8.0	9.6	110	08	7.0	14	NIL	5.1	Fair or fine but with mist or haze.			
SUN	11	1040.3	8.9	2.1	5.5	-3.3	7.4	9.6	100	04	5.3	12	NIL	<u>7.7</u>	Fine day throughout			
MON	12	1036.0	9.5	5.2	7.4	-1.5	7.2	9.4	020	15	13.5	27	TR	NIL	Cloudy with a little light rain pm			
TUE	13	1039.8	9.3	6.2	7.8	4.1	7.6	9.3	030	09	10.8	25	TR	1.9	Cloudy			
WED	14	1033.2	9.8	6.1	8.0	3.5	7.6	9.3	010	13	9.5	22	TR	0.1	Cloudy throughout with patchy rain late morning.			
THU	15	1030.1	10.1	7.7	8.9	4.8	7.8	9.2	330	07	8.0	19	TR	0.1	Cloudy day, some drizzle late morning			
FRI	16	1018.7	<u>12.2</u>	8.8	<u>10.5</u>	3.3	8.0	9.2	290	22	19.8	35	TR	1.6	Fair to cloudy			
SAT	17	1023.4	8.8	3.0	5.9	4.1	8.1	9.1	340	09	10.3	26	TR	0.1	Cloudy with occnl showers. Clearing to fair then fine from mid aft.			
SUN	18	1026.2	8.3	2.3	5.3	-4.8	7.5	9.2	070	02	6.1	27	2.4	2.8	Fine till late morning, becoming cloudy, rain and drizzle by evening.			
MON	19	1024.1	11.0	5.8	8.4	3.7	7.4	9.1	360	07	6.4	25	NIL	4.1	Cloudy with light rain and drizzle clearing to fine			
TUE	20	1031.2	8.4	5.4	6.9	-2.9	7.3	9.1	160	06	5.3	12	TR	3.2	Some fair intervals, but otherwise mainly cloudy, Early dew.			
WED	21	1033.7	9.7	7.2	8.5	4.6	7.4	9.0	180	08	7.7	15	0.2	NIL	Cloudy throughout with rain mid morning.			
THU	22	1034.0	9.7	6.6	8.2	0.3	7.7	9.0	210	06	7.0	15	NIL	6.0	Cloudy early and during evening, otherwise fair or fine.			
FRI	23	1030.8	8.0	6.3	7.2	1.2	7.4	8.9	200	12	7.2	16	NIL	NIL	Cloudy throughout day			
SAT	24	1027.6	9.1	7.9	8.5	5.3	7.4	9.0	230	04	<u>3.8</u>	11	TR	NIL	Cloudy all day with occasional spots of rain			
SUN	25	1025.2	9.3	5.4	7.4	-0.6	7.5	8.9	040	04	8.4	22	0.2	4.3	Mainly fair with early dew - cloudy by evening			
MON	26	1021.8	6.7	4.4	5.6	1.4	7.4	8.8	040	05	8.6	24	13.2	0.1	Cloudy throughout and with showers early and becoming frequent p.m.			
TUE	27	1014.4	5.2	0.4	2.8	-2.6	6.8	8.8	030	12	11.6	27	1.9	4.3	Sleet, snow and hail showers,mod/heavy at times,some fair periods			
WED	28	1016.5	4.5	1.4	3.0	-1.1	6.1	8.7	020	11	7.8	19	TR	5.2	Mainly fair with isolated light snow showers			
THU	29	1017.3	<u>4.1</u>	<u>-0.3</u>	<u>1.9</u>	<u>-7.6</u>	5.6	8.4	200	07	10.9	34	13.4	NIL	Cloudy, outbreaks or sleet then rain in the evening			
FRI	30	1001.3	11.6	1.9	6.8	0.9	<u>5.4</u>	8.2	180	14	20.6	38	12.8	NIL	Heavy rain/drizzle with fog patches, cleared to fair in evening			
SAT	31	1000.1	10.4	6.1	8.3	2.7	6.6	<u>8.0</u>	260	19	21.9	44	6.6	1.7	Showers of rain and hail through day, some fair periods			
MEAN		1019.2	9.2	5.4	7.3	1.6	7.6	9.3	S	11.1	11.6	TOTAL	108.5	63.3				
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				
		15	13	3	8	0	1	1	9	1	1	1	6					
RECORDS FROM JANUARY 1947														RAINFALL	731.9 mm	SUNSHINE	1931.1 hrs	
WETTEST DAY DAY/YEAR		42.2mm 30th/1978	DRIEST MONTH YEAR		28.1mm 1953	LOWEST MIN DAY/YEAR		-3.8°C 24th/1963	WARMEST MNTH YEAR		10.1°C 1953	SUNNIEST MNTH YEAR		108.9hrs 2001	RAIN DAYS	171	SUNLESS DAYS	55
WETTEST MNTH YEAR		249.6mm 1999	HIGHEST MAX DAY/YEAR		15.6°C 6th/1953	LOWEST GRASS 29th/1964,27th/1995		-8.9°C	COLDEST MNTH YEAR		4.6°C 1950	DULLEST MNTH YEAR		26.6hrs 1966				



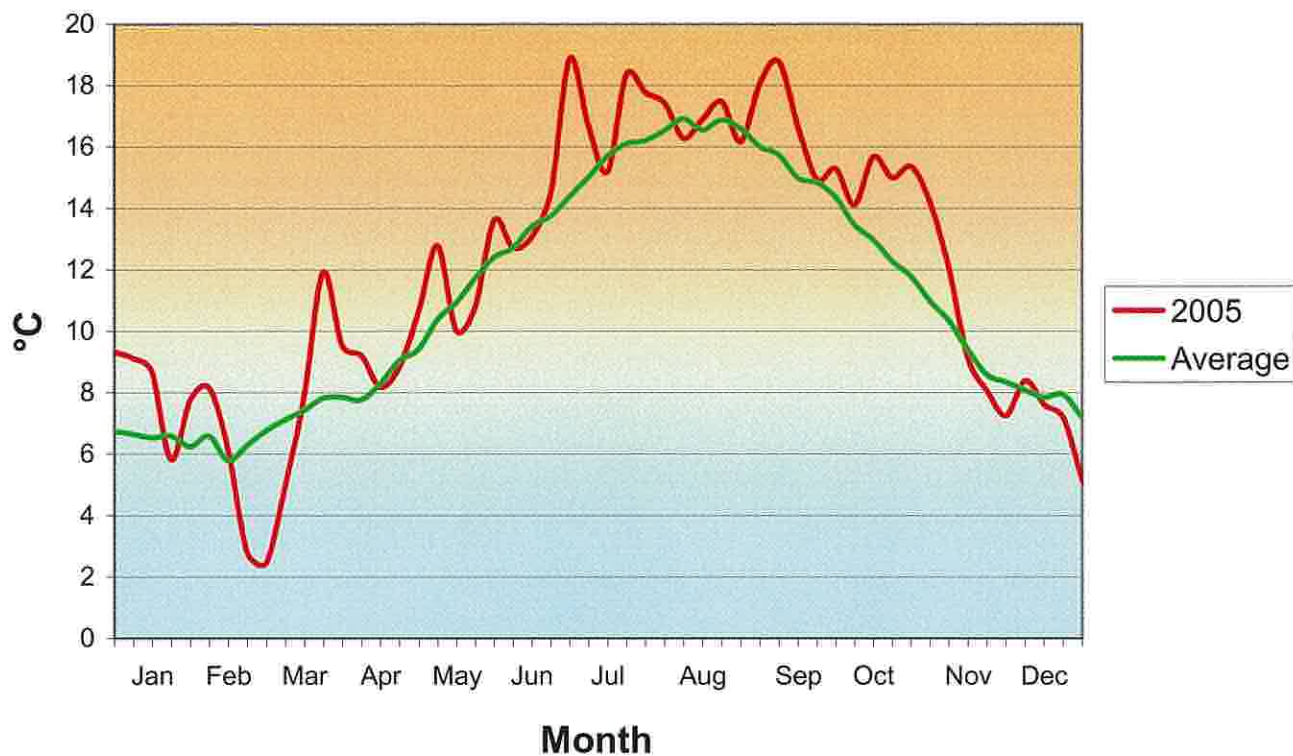
## Monthly Rainfall



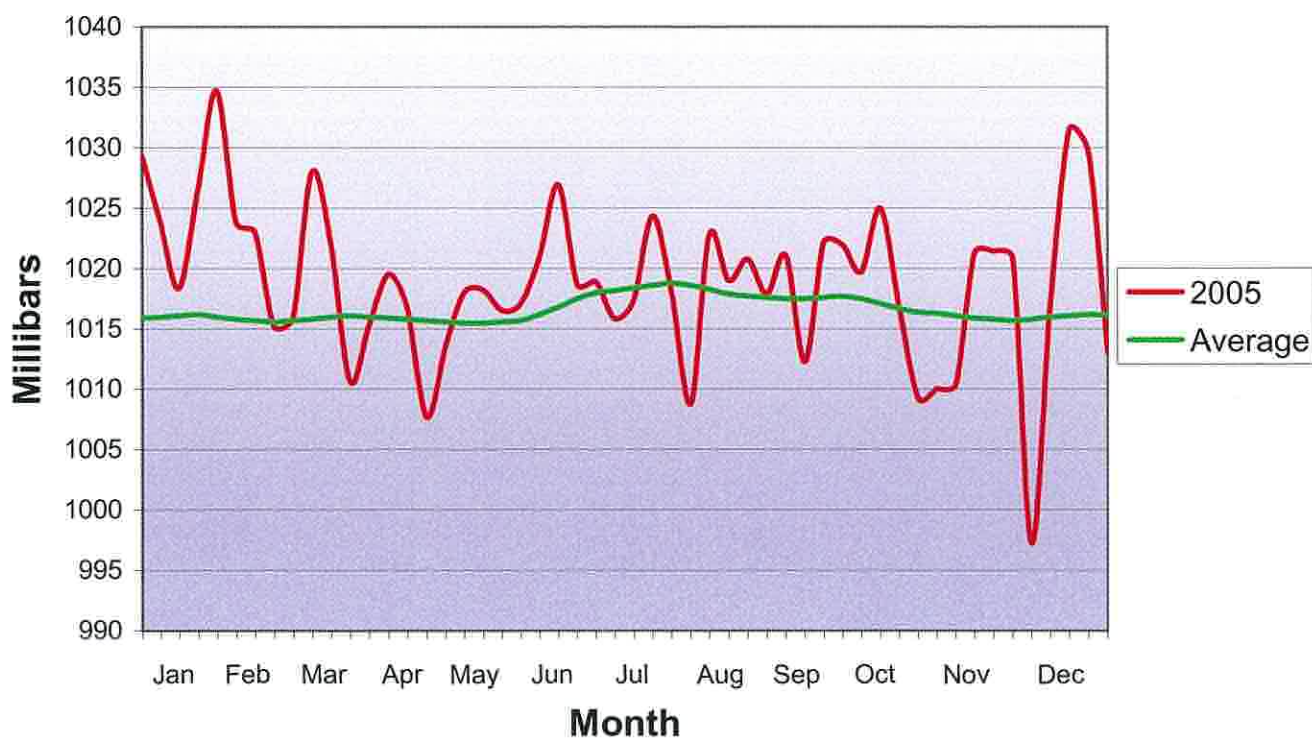
## Monthly Sunshine



## Weekly Mean Air Temperature

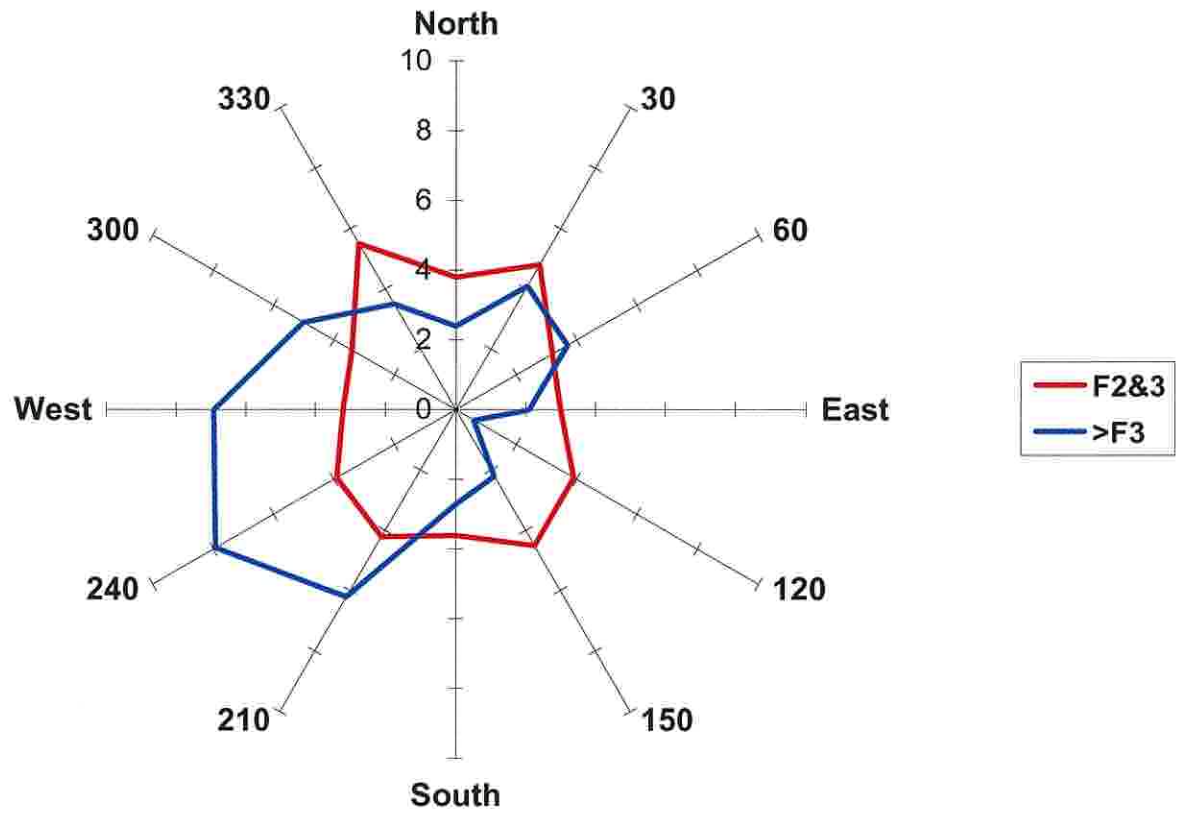


## Weekly Mean Air Pressure

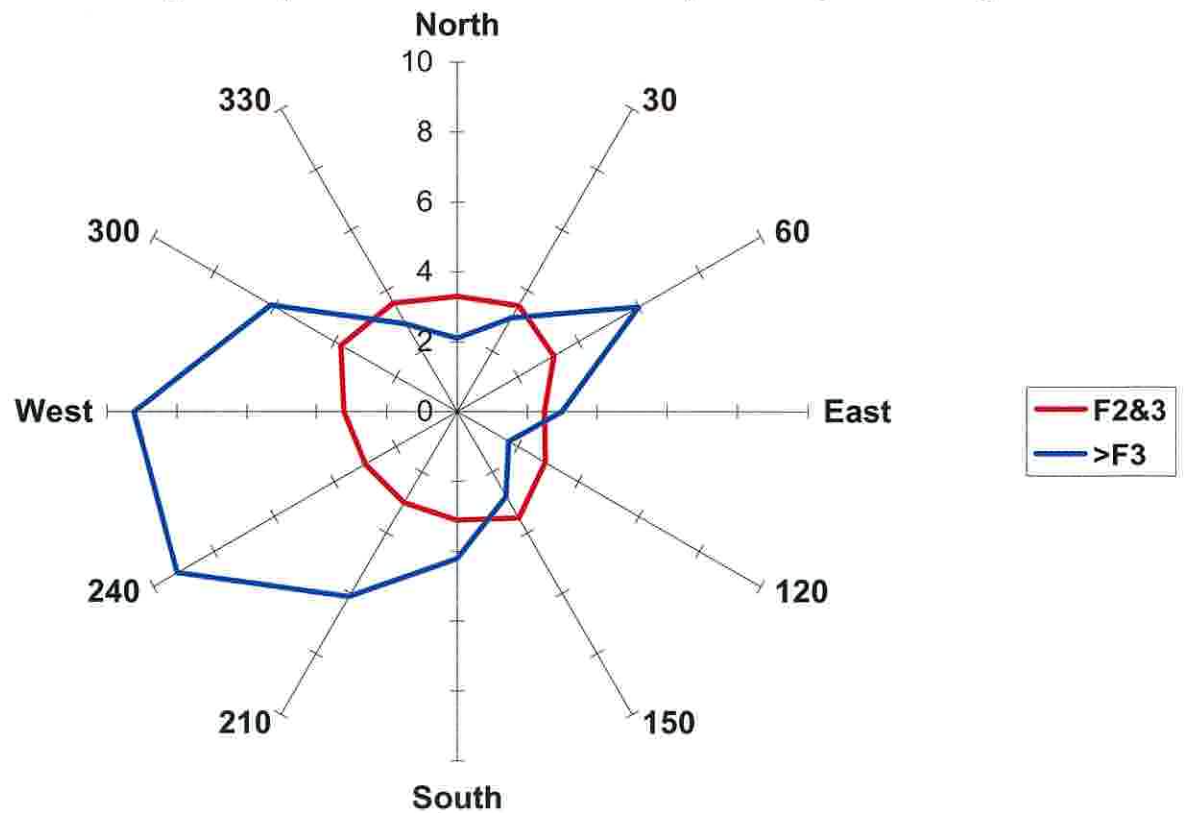




Percentage frequencies of direction and speed-2005



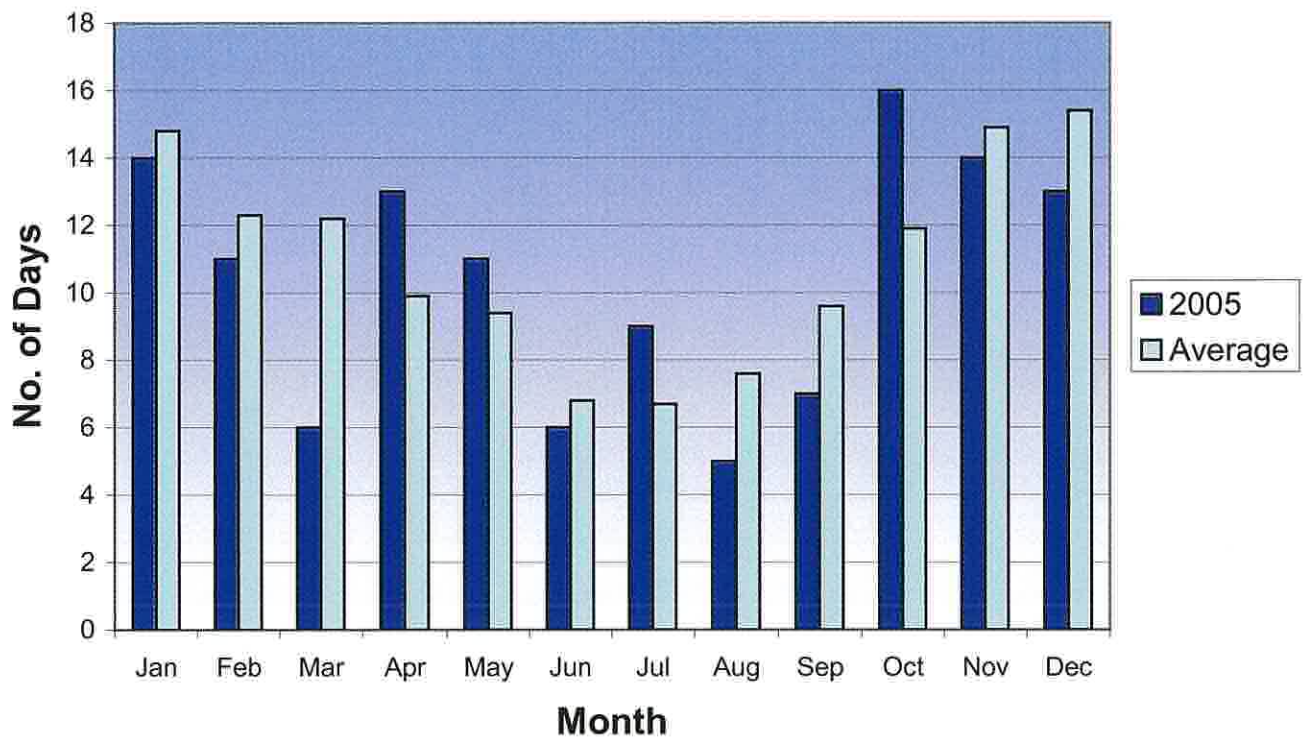
Percentages frequencies of direction and speed-30 year average



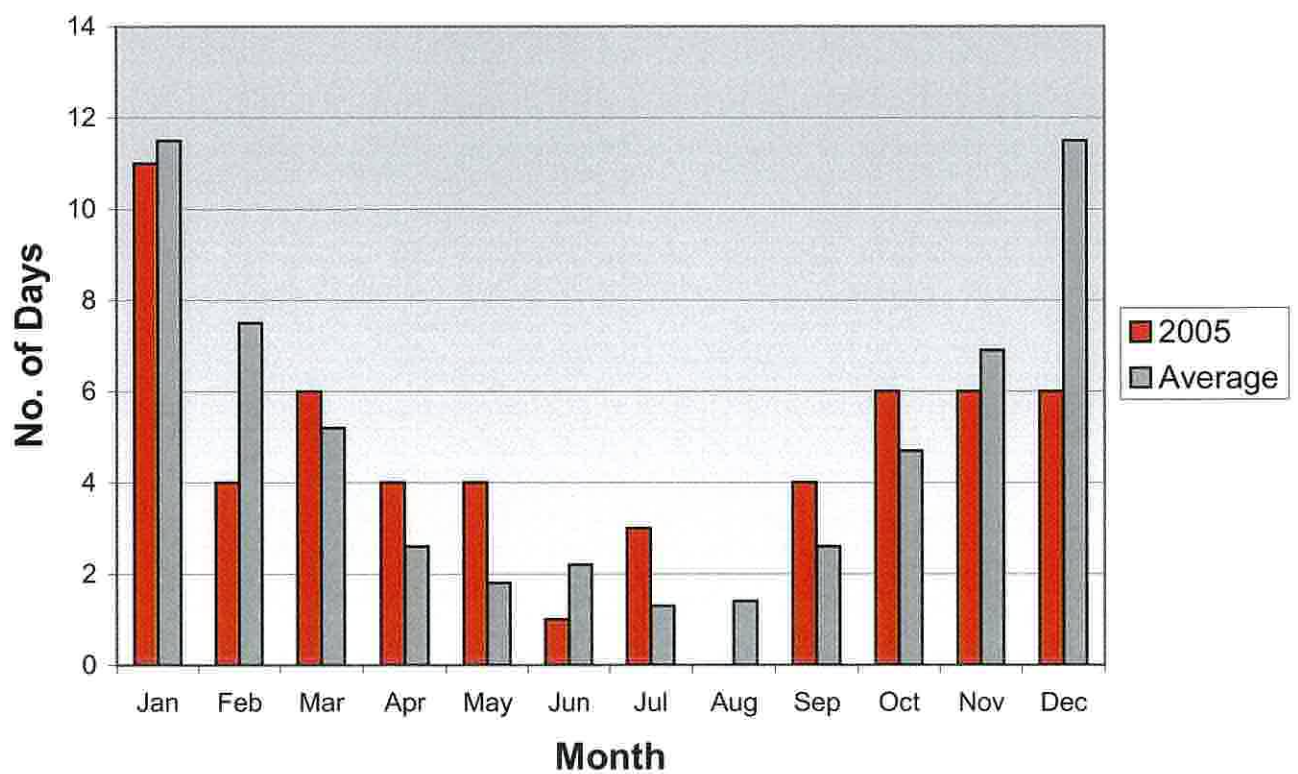
# Guernsey Airport Met. Office

Appendix IV

## Wet Days >1.0mm

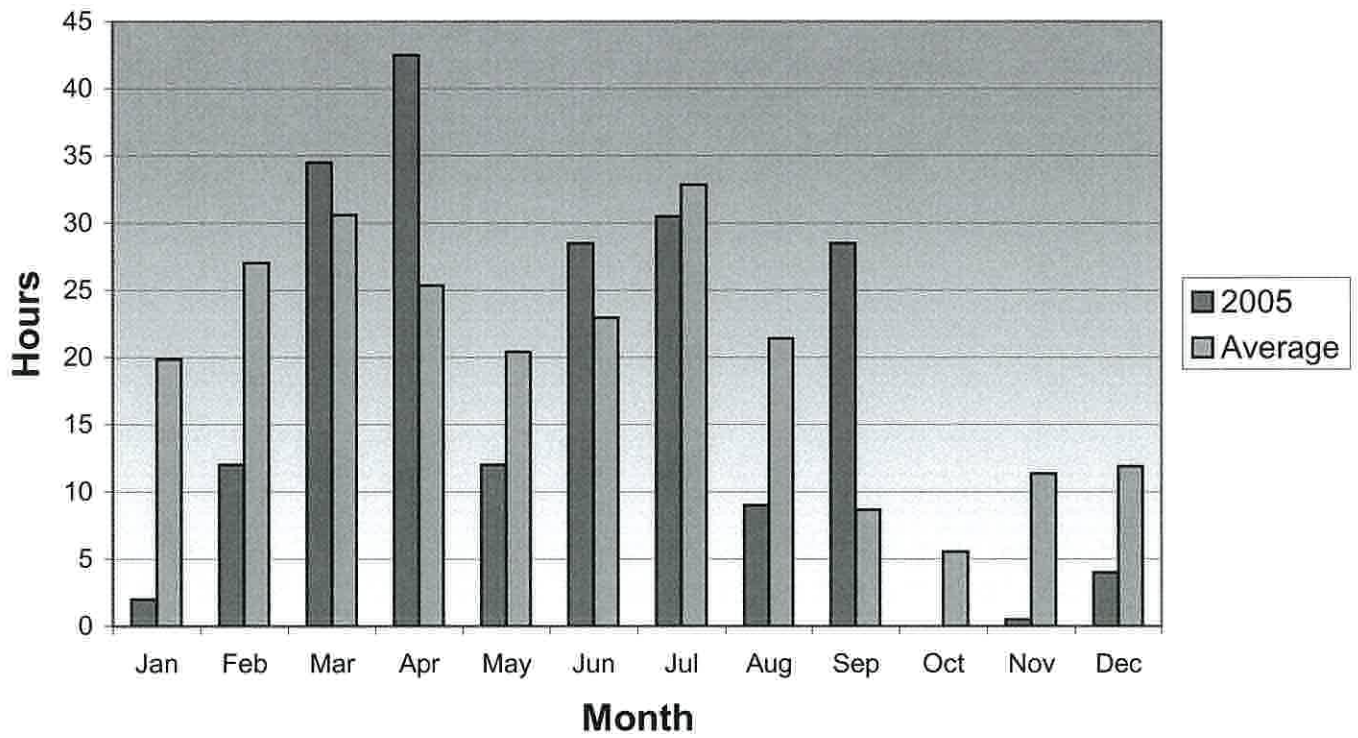


## Sunless Days

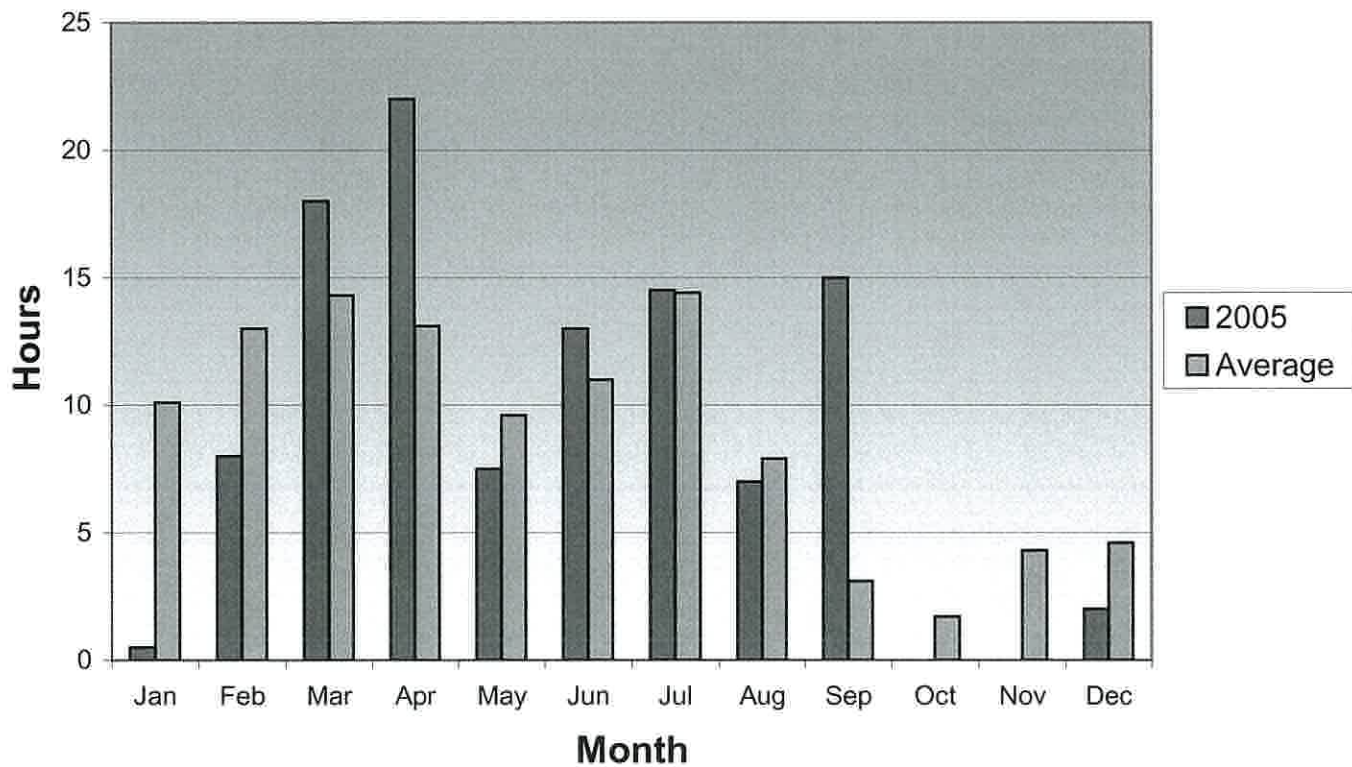




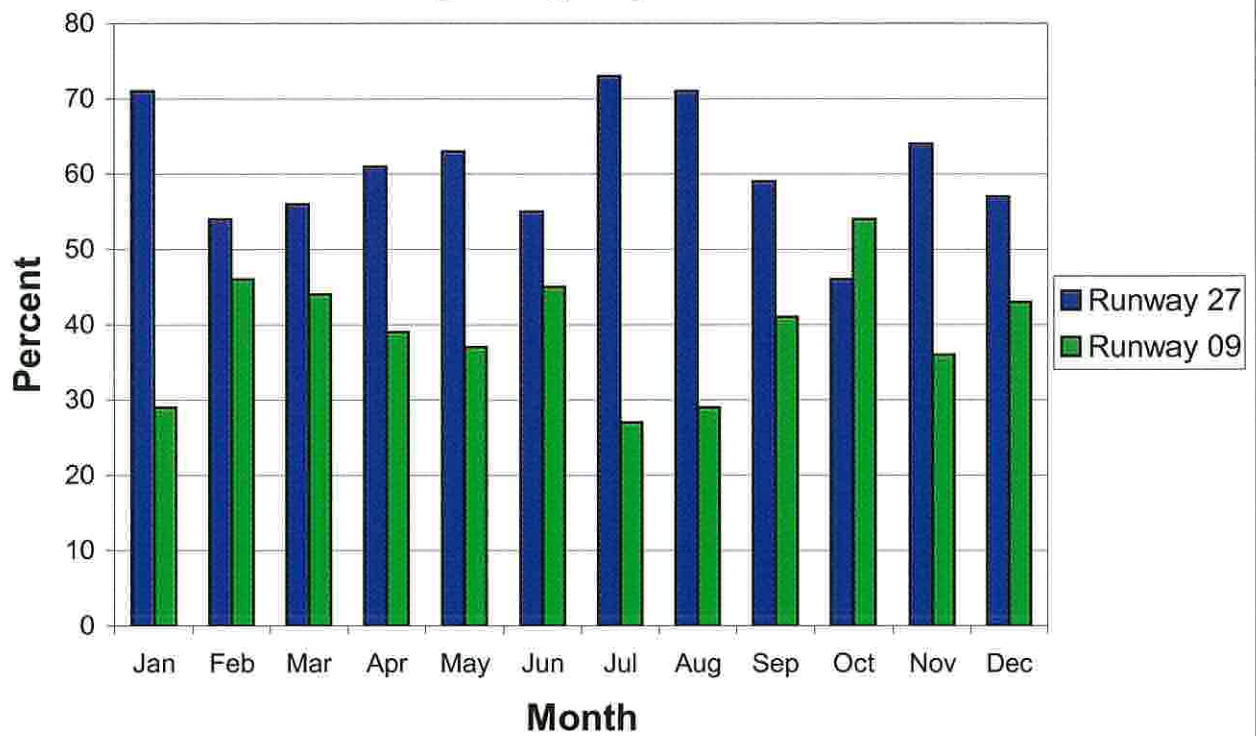
## Monthly Hours of Fog



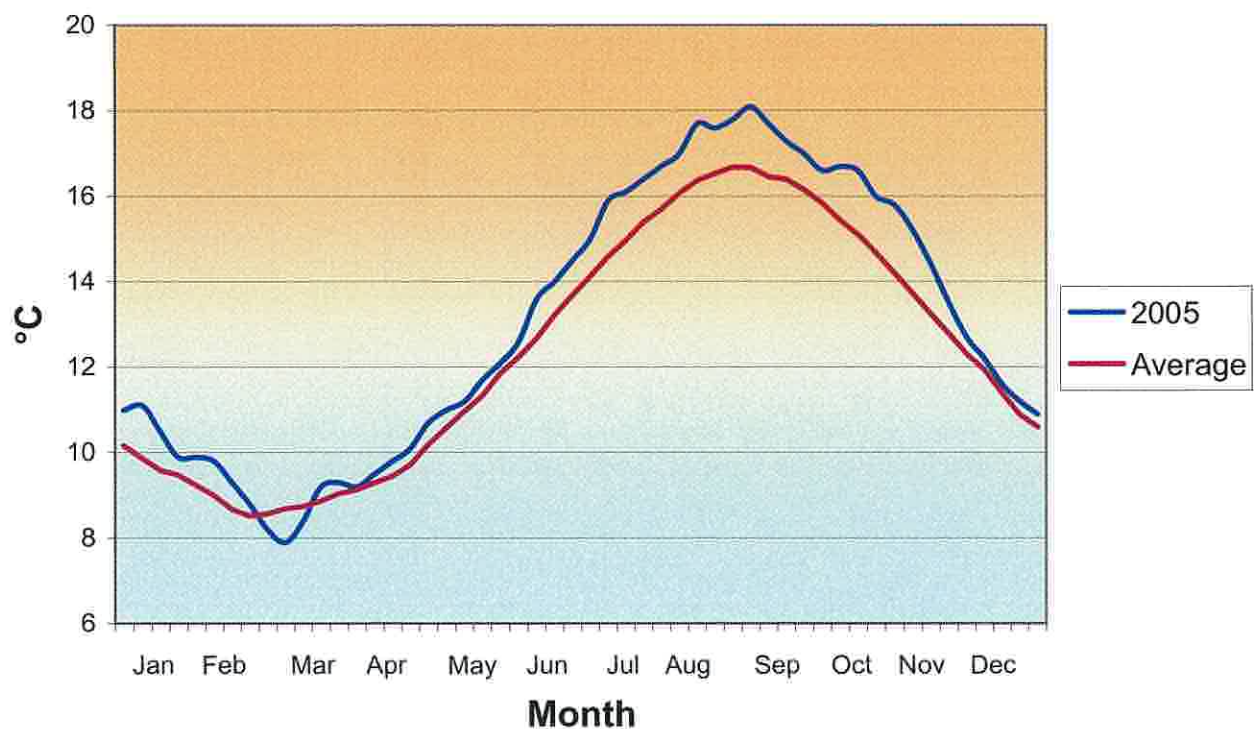
## Monthly Hours of RVR <0600 metres (Runway Visual Range)



## Guernsey Airport Runway Usage by month - 2005



## Weekly Sea Water Surface Temperatures





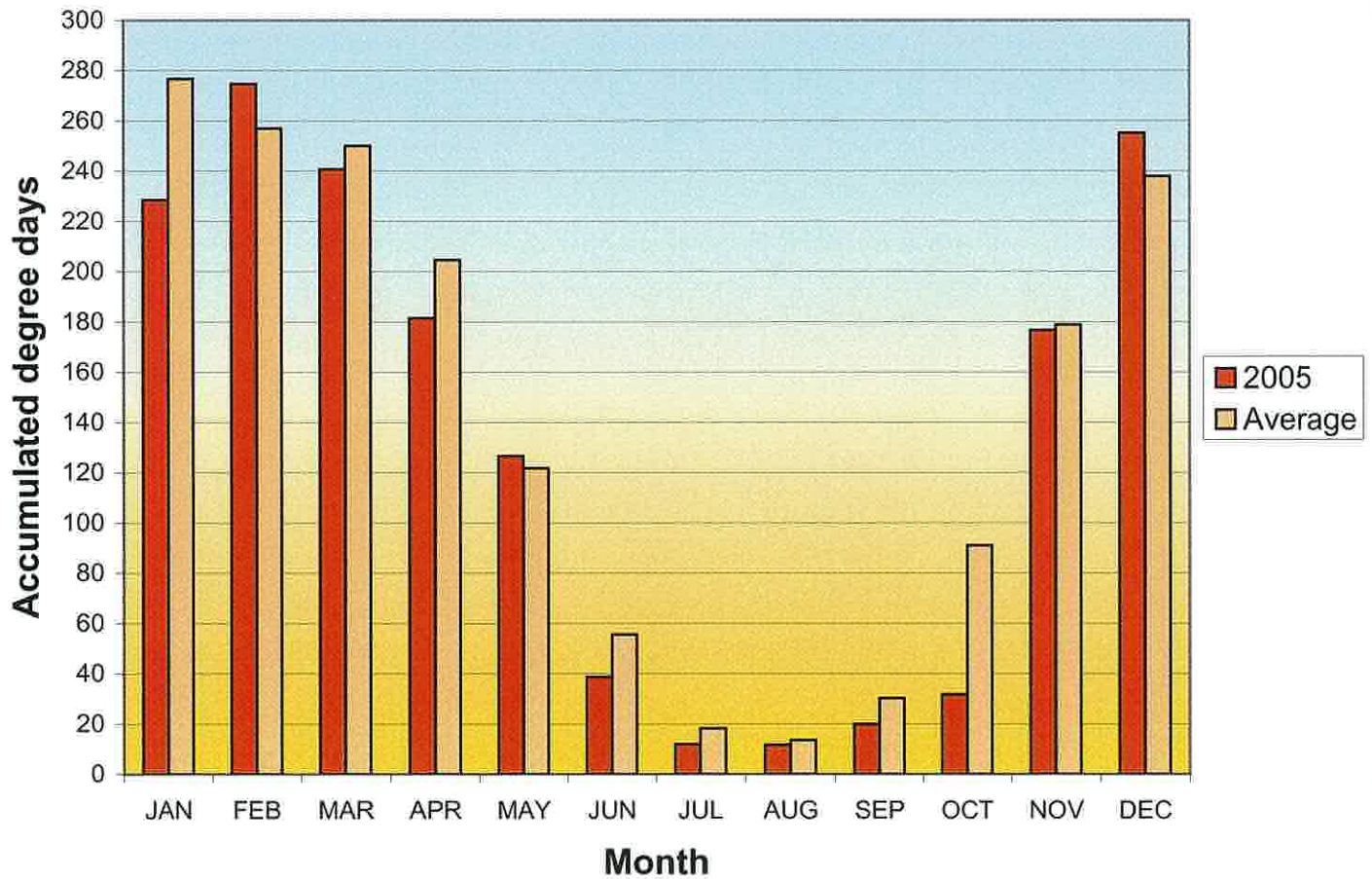
# Guernsey Airport Met. Office

Appendix VII

## Degree Days

Monthly accumulated Degree Days below 15.5°C

	2005	1971-2000
JAN	228.5	276.7
FEB	274.7	257.0
MAR	240.8	250.1
APR	181.5	204.6
MAY	126.6	121.8
JUN	38.6	55.6
JUL	11.9	18.2
AUG	11.7	13.6
SEP	20.0	30.2
OCT	31.7	91.0
NOV	176.6	178.8
DEC	255.2	238.0
YEAR	1597.8	1735.5



**2006 SUMMER WEEKEND TIDES - ST. PETER PORT**

		High Water				Low Water			
		Time	Height	Time	Height	Time	Height	Time	Height
May	06 Sat	00:05	6.5	13:22	6.3	07:00	3.9	19:27	4.2
	07 Sun	01:43	6.5	14:42	6.6	08:28	3.7	20:52	3.8
	13 Sat	06:26	8.6	18:45	8.8	00:27	1.7	12:46	1.7
	14 Sun	07:02	8.7	19:19	8.8	01:03	1.6	13:21	1.7
	20 Sat	11:43	7.3			05:36	2.9	18:03	3.3
	21 Sun	00:12	7.5	13:03	7.3	06:55	2.9	19:28	3.2
	27 Sat	06:19	9.0	18:38	9.1	00:20	1.4	12:41	1.4
	28 Sun	07:03	8.9	19:19	9.0	01:05	1.3	13:24	1.5
June	03 Sat	11:15	6.9	23:25	7.0	05:12	3.3	17:26	3.7
	04 Sun	12:16	6.7			06:10	3.6	18:28	3.8
	10 Sat	05:13	8.0	17:37	8.3	11:34	2.3	23:56	2.1
	11 Sun	05:57	8.3	18:18	8.6			12:18	2.1
	17 Sat	10:33	8.1	22:53	8.2	04:32	2.0	16:51	2.5
	18 Sun	11:29	7.8	23:52	8.0	05:27	2.3	17:49	2.7
	24 Sat	05:14	8.2	17:35	8.4	11:35	2.2		
	25 Sun	06:04	8.3	18:21	8.6	00:04	2.0	12:24	2.1
July	01 Sat	10:02	7.6	22:07	7.7	04:03	2.6	16:11	2.9
	02 Sun	10:38	7.4	22:45	7.4	04:38	2.9	16:48	3.2
	08 Sat	03:46	7.3	16:18	7.6	10:11	3.1	22:40	2.8
	09 Sun	04:44	7.7	17:11	8.1	11:07	2.7	23:34	2.3
	15 Sat	09:34	8.9	21:50	9.1	03:36	1.1	15:52	1.5
	16 Sun	10:18	8.7	22:36	8.7	04:20	1.4	16:36	1.9
	22 Sat	04:07	7.3	16:32	7.6	10:29	3.1	23:05	2.8
	23 Sun	05:07	7.6	17:26	8.0	11:26	2.8	23:57	2.5
	29 Sat	09:03	8.3	21:08	8.4	03:05	1.9	15:14	2.2
Aug	05 Sat	01:47	6.7	14:38	6.9	08:25	3.8	21:09	3.6
	06 Sun	03:17	7.0	15:54	7.4	09:45	3.5	22:21	3.0
	12 Sat	08:34	9.6	20:50	9.9	02:37	0.5	14:54	0.8
	13 Sun	09:14	9.5	21:30	9.6	03:17	0.6	15:34	1.0
	19 Sat	02:48	6.6	15:22	6.9	09:12	3.9	22:04	3.6
	20 Sun	04:08	7.0	16:28	7.4	10:27	3.5	23:03	3.1
	26 Sat	08:04	8.8	20:12	9.0	02:08	1.6	14:18	1.7
	27 Sun	08:31	8.7	20:38	8.8	02:35	1.7	14:44	1.8
Sept	02 Sat			12:17	6.7	05:57	4.1	18:55	4.1
	03 Sun	01:09	6.5	14:09	6.8	07:52	4.1	20:50	3.8
	09 Sat	07:29	9.9	19:47	10.3	01:32	0.3	13:52	0.4
	10 Sun	08:10	10.0	20:27	10.1	02:13	0.2	14:32	0.5
	16 Sat	00:30	6.4	13:21	6.5	0.290278	4.3	20:23	4.2
	17 Sun	02:46	6.4	15:12	6.8	09:07	4.2	21:57	3.8
	23 Sat	07:02	9.0	19:13	9.2	01:07	1.5	13:19	1.6
	24 Sun	07:31	9.0	19:41	9.1	01:35	1.5	13:47	1.6
Sept	30 Sat	10:31	7.1	23:09	6.8	04:19	3.7	16:57	3.8



## La Société Guernesiaise Astronomy Section

## ASTRONOMICAL EVENTS IN 2006

With the major partial solar eclipse of last October largely clouded out, we shall have to make do with a minor partial solar eclipse in March, and an even more minor partial lunar eclipse in September. Let's hope a good comet comes along to liven up the astronomical scene!

## PLANETS

The dates of maximum elongations of **Mercury** are as follows. It can usually be seen about ten days before and after these dates.

24 February	Evening	Good
08 April	Morning	Very poor
20 June	Evening	
07 August	Morning	
17 October	Evening	Poor
25 November	Morning	

There will be a transit of Mercury on 8 November 2006, but this time it will not be visible from Guernsey. We will have to wait ten years for the next visible transit, on 9 May 2016, Liberation Day.

We have enjoyed **Venus** as the 'Evening Star' for the last few months, but it is not visible in the evening at all this year. It will, however, become visible in our morning skies at the end of January, and will remain visible until the end of September, being best in February and July.

Although **Mars** does not reach opposition this year, it remains visible in the evening from the beginning of the year until July, albeit receding and getting much fainter. During this period it will move from Aries, through Taurus, Gemini, and Cancer to Leo.

**Jupiter** is visible in Libra in the morning from the start of the year to March, and then in the evening until August, opposition being on 04 May. There will be many transit and occultation events involving Jupiter's moons, details of which can be found by following the link to "Chasing the Moons of Jupiter" at [skyandtelescope.com/observing/objects/planets](http://skyandtelescope.com/observing/objects/planets).

**Saturn**, at opposition on 27 January, will be an excellent evening object in Cancer from the beginning of the year until June. It will be just  $\frac{1}{2}^{\circ}$  from the Praesepe star cluster on 03 February.

**Uranus** is at opposition in Aquarius on 05 September, **Neptune** in Capricorn on 11 August, and **Pluto** in Serpens Cauda on 16 June.

## OCCULTATIONS

There are no night-time occultations of planets this year. On 27 July the Moon occults second-magnitude Mars from 19.03 to 19.56 BST. A daytime occultation of Saturn by the Moon on 10 December starts just a few minutes after the Moon sets. The Moon does occult two third-magnitude stars at night: Tau Scorpii on 04 August, from 21.10 to 22.04 BST, when the Moon is only ten degrees above the horizon; and Alcyone in the Pleiades on 29 September by the rising Moon on 12 September from 21.08 to 21.47 BST. The Moon also passes through the Pleiades on 04 December, from 02.55 to 05.30 UT, occulting several of the cluster's stars.

## CONJUNCTIONS

Date	Objects	Separation	Direction and time
08 January	Moon and Mars	1°	South, evening
24 May	Moon and Venus	2°	Low in east, before sunrise
27 August	Venus and Saturn	12'	Low in east, before sunrise
13 November	Moon and Saturn	1°	East, early morning

On 16 June Mars, low in the West, is in the Praesepe star cluster, with Saturn just a degree away.

## METEORS

The Full Moon on 09 August will cause major interference with observations of the Perseid meteors. The Moon is favourable for observation of the Leonids, which peak on 17 November. The Geminids around 12 December will be little affected by the Moon, and should produce high rates.

## COMETS AND ASTEROIDS

At the time of writing there no very bright comets are expected in 2006, but there may well be several faint comets and asteroids visible in telescopes, and, of course, one never knows when a bright comet may make an unexpected appearance.

## ECLIPSES

On the night of 14 March there will be a penumbral eclipse of the Moon, from 21.25 to 02.10 UT. The dimming of the Moon is likely to be barely discernible.

A total solar eclipse occurs on 29 March, passing through Nigeria, Chad, Libya, the Mediterranean and Turkey. Organised eclipse tours have been arranged to Libya and Turkey, and several cruise ships will be in the Mediterranean. In Guernsey the eclipse will be partial, from 10.40 to 12.16 BST, a maximum of just 27% of the Sun being eclipsed at 11.27 BST.

A partial eclipse of the Moon on 7 September starts at 19.05 and ends at 20.38 BST, with maximum eclipse at 19.51 BST, just 19% of the Moon being eclipsed at this time.



An annular eclipse of the Sun on 22 September in the south Atlantic is not visible at all from Guernsey.

### EQUINOXES AND SOLSTICES

The following are the dates and times (UT) of the equinoxes and solstices in 2006.

Vernal Equinox	20 March	18.25
Summer Solstice	21 June	12.25
Autumnal Equinox	23 September	04.03
Winter Solstice	22 December	00.22

### SATELLITES

The International Space Station is regularly visible from Guernsey. Also of interest are flashes from the Iridium satellites. Many other, fainter, satellites appear every night. Details of the times and directions of visibility can be obtained from the Heavens-Above web site, accessible by a direct link from the web site of La Société Guernesiaise Astronomy Section, at [www.astronomy.org.gg](http://www.astronomy.org.gg).

### 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 usual, it is well over-subscribed.

### OPEN DAYS

The Observatory will be open again for a number of Tuesday evenings during the year, details to be announced.

### REFERENCES

*SkyMap Pro* and *Starry Night Pro* software  
*Astrocalendar 2005/2006*, The Federation of Astronomical Societies

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## Lihou Island - Causeway opening times

2006

All times BST

No responsibility can be accepted for any consequence arising out of the use of these tables

May	Open	Close	Jun	Open	Close	July	Opens	Closes	August	Opens	Closes	Sept.	Opens	Closes
01	14:40	17:10	01	CLOSED		01	CLOSED		01	CLOSED		01	CLOSED	
02	15:40	17:10	02	CLOSED		02	CLOSED		02	CLOSED		02	CLOSED	
03	CLOSED		03	CLOSED		03	CLOSED		03	CLOSED		03	CLOSED	
04	CLOSED		04	CLOSED		04	CLOSED		04	CLOSED		04	CLOSED	
05	CLOSED		05	CLOSED		05	CLOSED		05	CLOSED		05	CLOSED	
06	CLOSED		06	CLOSED		06	CLOSED		06	CLOSED		06	11:30	13:20
07	CLOSED		07	CLOSED		07	CLOSED		07	CLOSED		07	11:30	14:50
08	CLOSED		08	CLOSED		08	CLOSED		08	11:50	13:30	08	12:00	15:50
09	CLOSED		09	CLOSED		09	CLOSED		09	12:00	14:50	09	12:30	16:50
10	11:10	12:30	10	11:40	13:20	10	12:00	13:40	10	12:30	16:00	10	13:20	17:30
11	11:20	13:30	11	12:10	14:10	11	12:30	14:50	11	13:10	17:00	11	14:10	18:00
12	11:40	14:20	12	12:40	15:00	12	13:00	15:50	12	13:50	17:40	12	15:10	18:10
13	12:20	15:00	13	13:30	15:50	13	13:40	16:50	13	14:40	18:10	13	16:30	18:10
14	12:50	15:30	14	14:10	16:30	14	14:30	17:30	14	15:40	18:30	14	CLOSED	
15	13:30	16:00	15	15:00	17:10	15	15:10	18:10	15	16:50	18:40	15	CLOSED	
16	14:20	16:20	16	16:00	17:50	16	16:20	18:40	16	CLOSED		16	CLOSED	
17	15:20	16:40	17	17:10	18:20	17	17:30	19:10	17	CLOSED		17	CLOSED	
18	CLOSED		18	CLOSED		18	CLOSED		18	CLOSED		18	CLOSED	
19	CLOSED		19	CLOSED		19	CLOSED		19	CLOSED		19	CLOSED	
20	CLOSED		20	CLOSED		20	CLOSED		20	CLOSED		20	12:00	13:10
21	CLOSED		21	CLOSED		21	CLOSED		21	CLOSED		21	12:00	14:10
22	CLOSED		22	10:00	11:10	22	CLOSED		22	12:20	13:30	22	12:20	15:00
23	09:20	11:00	23	10:50	12:30	23	CLOSED		23	12:40	14:30	23	12:50	15:30
24	09:50	12:20	24	11:30	13:20	24	12:30	13:40	24	12:50	15:20	24	13:20	16:00
25	10:30	13:30	25	12:20	14:20	25	13:00	14:40	25	13:20	16:00	25	13:50	16:20
26	11:10	14:20	26	13:00	15:10	26	13:20	15:30	26	13:50	16:30	26	14:30	16:40
27	12:00	15:10	27	13:40	15:40	27	13:50	16:10	27	14:20	16:50	27	15:20	16:40
28	12:40	15:50	28	14:30	16:10	28	14:30	16:40	28	15:00	17:00	28	CLOSED	
29	13:30	16:20	29	15:20	16:40	29	15:10	17:00	29	15:50	17:00	29	CLOSED	
30	14:30	16:30	30	CLOSED		30	15:50	17:20	30	CLOSED		30	CLOSED	
31	15:40	16:40				31	CLOSED		31	CLOSED				

**DANGER:** Causeway closing times can vary by up to 20 minutes due to weather conditions.

Please be aware of the rapidly rising tide,

and do not attempt to cross the causeway if it is submerged at any point.

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**2006 Official Guernsey Ormering tides**

		HIGH WATER				LOW WATER			
		am	height	pm	height	am	height	pm	height
January	01 Sun	07:08	9.2	19:37	9.0	01:10	1.7	13:39	1.3
	02 Mon	07:56	9.4	20:24	9.1	01:57	1.5	14:27	1.2
	14 Sat	06:26	8.5	18:54	8.3	00:29	2.5	12:58	2.2
	15 Sun	07:05	8.6	19:32	8.4	01:09	2.3	13:36	2.0
	16 Mon	07:41	8.7	20:07	8.4	01:45	2.2	14:11	2.0
	29 Sun	06:12	9.0	18:43	8.9	00:12	2.0	12:43	1.4
	30 Mon	07:02	9.5	19:31	9.3	01:04	1.4	13:33	0.9
	31 Tue	07:48	9.9	20:15	9.6	01:51	1.0	14:19	0.5
February	13 Mon	06:51	8.7	19:15	8.6	00:56	2.1	13:21	1.8
	14 Tue	07:25	8.9	19:47	8.7	01:30	1.8	13:53	1.6
	15 Wed	07:56	8.9	20:17	8.7	02:00	1.7	14:22	1.6
	28 Tue	06:47	9.8	19:14	9.7	00:50	1.0	13:17	0.4
March	01 Wed	07:31	10.2	19:56	9.9	01:36	0.5	14:00	0.1
	02 Thu	08:13	10.3	20:35	9.9	02:17	0.3	14:40	0.1
	14 Tue	06:26	8.7	18:48	8.7	00:31	2.0	12:54	1.6
	15 Wed	06:59	9.0	19:20	8.9	01:04	1.6	13:25	1.4
	16 Thu	07:30	9.1	19:49	8.9	01:34	1.4	13:54	1.4
	29 Wed	06:25	9.8	18:50	9.8	00:28	0.8	12:52	0.3
	30 Thu	07:08	10.1	19:30	10.0	01:12	0.4	13:34	0.1
	31 Fri	07:48	10.1	20:08	9.9	01:53	0.2	14:13	0.2
April	13 Thu	06:27	8.8	18:47	8.9	00:30	1.7	12:50	1.5
	14 Fri	06:59	8.9	19:17	8.9	01:02	1.5	13:20	1.4
	15 Sat	07:29	8.9	19:45	8.9	01:32	1.4	13:49	1.5
	27 Thu	05:58	9.5	18:21	9.5	00:00	1.0	12:24	0.7
	28 Fri	06:42	9.7	19:02	9.6	00:45	0.7	13:06	0.6
	29 Sat	07:24	9.6	19:41	9.5	01:27	0.7	13:46	0.8

Times are given in GMT and heights are in metres above chart datum.

High pressure will depress tide levels whereas Low pressure will raise tide levels.

Onshore winds will raise local tide levels whereas offshore winds will depress local tide levels.

**Phases of the Moon 2006**

**NEW  
MOON**



**FIRST  
QUARTER**



**FULL  
MOON**



**LAST  
QUARTER**

<b>Jan</b>	29	6	14	22	<b>Jan</b>
<b>Feb</b>	28	5	13	21	<b>Feb</b>
<b>Mar</b>	29	6	14	22	<b>Mar</b>
<b>Apr</b>	27	5	13	21	<b>Apr</b>
<b>May</b>	27	5	13	20	<b>May</b>
<b>Jun</b>	25	3	11	18	<b>Jun</b>
<b>Jul</b>	25	3	11	17	<b>Jul</b>
<b>Aug</b>	23	2 and 31	9	16	<b>Aug</b>
<b>Sep</b>	22	30	7	14	<b>Sep</b>
<b>Oct</b>	22	29	7	14	<b>Oct</b>
<b>Nov</b>	20	28	5	12	<b>Nov</b>
<b>Dec</b>	20	27	5	12	<b>Dec</b>

## 2006 Guernsey Lighting Up times

Lighting up times based at Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level) and assume range of half an hour after sunset to half an hour before sunrise  
Prepared by the Guernsey Airport Meteorological Office.

Times are UTC (=GMT)

06 DY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	06 DY
1	S 0736 1652	W 0712 1736	W 0623 1823	S 0518 1911	M 0419 1957	T 0339 2038	S 0338 2050	T 0411 2021	F 0456 1924	S 0540 1820	W 0628 1719	F 0714 1644	1
2	M 0736 1653	T 0711 1738	T 0621 1824	S 0516 1913	T 0417 1959	F 0338 2039	S 0339 2050	W 0413 2020	S 0457 1922	M 0541 1817	T 0630 1717	S 0716 1643	2
3	T 0736 1654	F 0710 1739	F 0619 1826	M 0514 1915	W 0415 2000	S 0338 2040	M 0339 2050	T 0414 2018	S 0459 1920	T 0543 1815	F 0632 1716	S 0717 1643	3
4	W 0736 1655	S 0708 1741	S 0617 1828	T 0512 1916	T 0414 2002	S 0337 2041	T 0340 2049	F 0416 2017	M 0500 1918	W 0544 1813	S 0633 1714	M 0718 1643	4
5	T 0736 1656	S 0707 1743	S 0615 1829	W 0510 1918	F 0412 2003	M 0337 2042	W 0341 2049	S 0417 2015	T 0502 1916	T 0546 1811	S 0635 1713	T 0719 1642	5
6	F 0736 1657	M 0705 1744	M 0613 1831	T 0508 1919	S 0410 2005	T 0336 2043	T 0342 2048	S 0418 2013	W 0503 1913	F 0547 1809	M 0636 1711	W 0721 1642	6
7	S 0735 1658	T 0704 1746	T 0611 1833	F 0505 1921	S 0409 2006	W 0336 2043	F 0342 2048	M 0420 2012	T 0505 1911	S 0549 1807	T 0638 1709	T 0722 1642	7
8	S 0735 1700	W 0702 1748	W 0609 1834	S 0503 1922	M 0407 2008	T 0335 2044	S 0343 2047	T 0421 2010	F 0506 1909	S 0550 1805	W 0640 1708	F 0723 1641	8
9	M 0734 1701	T 0700 1750	T 0607 1836	S 0501 1924	T 0406 2009	F 0335 2045	S 0344 2046	W 0423 2008	S 0507 1907	M 0552 1803	T 0641 1707	S 0724 1641	9
10	T 0734 1702	F 0659 1751	F 0605 1837	M 0459 1925	W 0404 2010	S 0334 2046	M 0345 2046	T 0424 2007	S 0509 1905	T 0553 1801	F 0643 1705	S 0725 1641	10
11	W 0733 1704	S 0657 1753	S 0603 1839	T 0457 1927	T 0403 2012	S 0334 2046	T 0346 2045	F 0425 2005	M 0510 1903	W 0555 1759	S 0645 1704	M 0726 1641	11
12	T 0733 1705	S 0655 1755	S 0601 1840	W 0455 1928	F 0401 2013	M 0334 2047	W 0347 2044	S 0427 2003	T 0512 1901	T 0556 1757	S 0646 1702	T 0727 1641	12
13	F 0732 1706	M 0654 1756	M 0559 1842	T 0453 1930	S 0400 2015	T 0334 2047	T 0348 2044	S 0428 2001	W 0513 1858	F 0558 1755	M 0648 1701	W 0728 1641	13
14	S 0732 1708	T 0652 1758	T 0557 1844	F 0451 1931	S 0358 2016	W 0334 2048	F 0349 2043	M 0430 1959	T 0515 1856	S 0600 1752	T 0649 1700	T 0729 1641	14
15	S 0731 1709	W 0650 1800	W 0554 1845	S 0449 1933	M 0357 2017	T 0333 2048	S 0350 2042	T 0431 1958	F 0516 1854	S 0601 1750	W 0651 1658	F 0730 1641	15
16	M 0730 1711	T 0648 1801	T 0552 1847	S 0447 1934	T 0356 2019	F 0333 2049	S 0351 2041	W 0433 1956	S 0518 1852	M 0603 1748	T 0652 1657	S 0730 1642	16
17	T 0729 1712	F 0647 1803	F 0550 1848	M 0445 1936	W 0354 2020	S 0333 2049	M 0352 2040	T 0434 1954	S 0519 1850	T 0604 1747	F 0654 1656	S 0731 1642	17
18	W 0729 1714	S 0645 1805	S 0548 1850	T 0443 1937	T 0353 2021	S 0333 2050	T 0354 2039	F 0436 1952	M 0521 1848	W 0606 1745	S 0656 1655	M 0732 1642	18
19	T 0728 1715	S 0643 1806	S 0546 1851	W 0441 1939	F 0352 2023	M 0334 2050	W 0355 2038	S 0437 1950	T 0522 1845	T 0607 1743	S 0657 1654	T 0732 1642	19
20	F 0727 1717	M 0641 1808	M 0544 1853	T 0439 1941	S 0351 2024	T 0334 2050	T 0356 2037	S 0438 1948	W 0523 1843	F 0609 1741	M 0659 1653	W 0733 1643	20
21	S 0726 1718	T 0639 1810	T 0542 1855	F 0437 1942	S 0349 2025	W 0334 2050	F 0357 2036	M 0440 1946	T 0525 1841	S 0611 1739	T 0700 1652	T 0734 1643	21
22	S 0725 1720	W 0637 1811	W 0539 1856	S 0435 1944	M 0348 2027	T 0334 2051	S 0358 2035	T 0441 1944	F 0526 1839	S 0612 1737	W 0702 1651	F 0734 1644	22
23	M 0724 1721	T 0635 1813	T 0537 1858	S 0433 1945	T 0347 2028	F 0334 2051	S 0400 2033	W 0443 1942	S 0528 1837	M 0614 1735	T 0703 1650	S 0735 1644	23
24	T 0723 1723	F 0633 1815	F 0535 1859	M 0431 1947	W 0346 2029	S 0335 2051	M 0401 2032	T 0444 1940	S 0529 1835	T 0615 1733	F 0705 1649	S 0735 1645	24
25	W 0721 1725	S 0631 1816	S 0533 1901	T 0430 1948	T 0345 2030	S 0335 2051	T 0402 2031	F 0446 1938	M 0531 1832	W 0617 1731	S 0706 1648	M 0735 1646	25
26	T 0720 1726	S 0629 1818	S 0531 1902	W 0428 1950	F 0344 2031	M 0335 2051	W 0403 2030	S 0447 1936	T 0532 1830	T 0619 1729	S 0708 1647	T 0736 1646	26
27	F 0719 1728	M 0627 1820	M 0529 1904	T 0426 1951	S 0343 2033	T 0336 2051	T 0405 2028	S 0449 1934	W 0534 1828	F 0620 1728	M 0709 1647	W 0736 1647	27
28	S 0718 1729	T 0625 1821	T 0527 1905	F 0424 1953	S 0342 2034	W 0336 2051	F 0406 2027	M 0450 1932	T 0535 1826	S 0622 1726	T 0710 1646	T 0736 1648	28
29	S 0717 1731		W 0525 1907	S 0422 1954	M 0341 2035	T 0337 2051	S 0407 2026	T 0452 1930	F 0537 1824	S 0623 1724	W 0712 1645	F 0736 1649	29
30	M 0715 1733		T 0522 1908	S 0421 1956	T 0341 2036	F 0337 2050	S 0409 2024	W 0453 1928	S 0538 1822	M 0625 1722	T 0713 1645	S 0736 1650	30
31	T 0714 1734		F 0520 1910		W 0340 2037		M 0410 2023	T 0454 1926		T 0627 1721		S 0736 1650	31

Great care has been taken in the preparation of these tables, however the States of Guernsey cannot accept responsibility for any consequence arising from the use of this data. Times are UTC (=GMT)