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**Guernsey Airport
Meteorological Observatory
2002
ANNUAL WEATHER REPORT**



**States of Guernsey
Board of Administration**



Guernsey Airport
Meteorological Observatory
Annual report
2002

Preface

When each year has ended, I always find it fascinating to study the previous 12 months' statistics and wonder at the sheer inconsistency of our local weather. Records get broken regularly of course and 2002 was no exception – January through to April produced the highest mean air temperature that we know of, and I am sure that we all want to forget the final three months of the year that saw rainfall totals that were a third higher than average.

Altogether though, 2002 will be remembered mainly for another indifferent summer with no prolonged settled spells, although September made up for it a little, as it so often seems to, with some good periods of warm, dry, sunny weather.

Global warming featured in the news again, and the statistics certainly back up the generally accepted scenarios, particularly with regard to annual mean air temperature, which, at 12.1°C is now running at one whole degree above the 30-year average.

There are now several government-sponsored programmes looking into the whole issue of global warming, and the likely affects on the country generally. In 2002, the Guernsey Met Office was pleased to become an active participant in these studies and has already provided archive data, going back as far as 1843, to the Climate Impact Programme at the UK Met Office Hadley Research Centre.

Aside from the weather, 2002 was an eventful year for the Office. Chris Archard, an observer for over 15 years, emigrated to Canada with his family. Chris was an enthusiastic member of the observing team and in recent years carried the sub-role of office manager. We wish him well and welcome Mike Hainsworth in his stead.

Mike is now fully trained having attained 100% on his formal training course at the UK Met Office College in October. He is proving an asset to the Office and has melted into Chris's shoes in admirable fashion.

2002 also saw the departure of Dan Guerin who only joined us in 2001. Dan followed his heart to Sweden and is replaced by the first female observer that the Airport has employed. Welcome Bridget Buchan! Bridget has just returned from the Met Office College where she too attained 100% and, like Mike, was top of her group. Bridget is set to take on her own shift in early March.

The unstoppable march of regulation and legislation has meant that all airport meteorological observers are now required by the Civil Aviation Authority to participate in regular training and competency checks. To comply with this new requirement, 2002 saw the introduction of a local training and assessment programme that will involve both Guernsey Observers and Alderney Air Traffic Controllers. The latter of course provide the aviation met service for our sister island.

Alderney has in the past lacked any properly organised system for maintaining a long-term daily weather record, which is a great pity. When a day's weather is not recorded, it is lost – forever. In recent years, the gap has been filled by, firstly, the lighthouse keepers at Mannez, then by Brian Bonnard who continues to maintain an excellent weather station in conjunction with the Alderney States.

In November, we completed the installation of a Semi Automatic Weather System (SAWS) at Alderney Airport. This move was necessary to comply with current regulations, and will give us the opportunity to maintain our own record of the Alderney weather for future generations.

I hope to include Alderney statistics for the first time in next year's Annual Report. The first paragraph of that report has already been written, figuratively speaking, by a certain "VERMONTBORG" cargo ship currently straddling La Capelle Reef at Perelle!

Tim Lillington
Senior Meteorological Observer
January 2003

Guernsey Met. Office photo archive

Spring blossom in Talbot Valley – Early April 2002



Funnel cloud over Rocquaine – 16th October 2002



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METEOROLOGICAL OFFICE GUERNSEY AIRPORT

COMMENT ON THE WEATHER OF 2002

Apart from some cold weather early on in January, temperatures were well above normal for much of the first five months of the year. The first four months, overall, gave us the warmest start to any year on record. More mixed conditions from June onwards reduced this excess warmth, although only one month, July, was cooler than normal. The mean minimum temperature, though, was the highest on record and for the fifth year in succession we did not record an air frost. Following a run of three dry months, wet conditions returned during February and in the rest of the year we managed only two more dry months. Despite disappointing amounts of sunshine in the summer, the year ended up slightly sunnier than is usual. Having failed to record a gale during the winter, despite a windy February, there was an easterly gale on the 7th April. The autumn had its highest number of gales for 25 years.

Due to the consistently mild conditions experienced after the 10th, January ended up as the fourth mildest on record. Rainfall was below average, with only one day, the 26th, receiving more than 10mm. Sunshine was higher than usual and it turned out to be a quiet month, despite a windy finish. February ended up as the third mildest on record, the two milder ones being in 1990 and 1995. The 31 days from the 13th of January to the 12th of February saw temperatures at record levels. Rainfall was the highest in February since 1990 and sunshine was slightly above normal thanks to a sunny spell around mid-month. The strength of the wind was a noticeable aspect of the weather with the highest mean wind speed since 1990.

For the winter, temperatures were about 1°C above normal, which are similar to those during the previous four. The first half, though, was rather cold whilst the second half was very mild. Rainfall was below average, but the second half was wet. Thanks in large part to the exceptionally sunny December this was the fourth sunniest winter on record.

Due to a persistence of mild conditions for most of the month, March turned out to be the third mildest on record, sharing this honour with March 1997. Rainfall was above average, although there was less than half the rain recorded in March 2001. For much of the month sunshine was in short supply, then we had 56.5hrs in six days near the end to raise the monthly total very close to the average. The mean wind speed was below normal, with light winds for most of the time during the last 10 days or so.

Due to a lack of any cold weather, April turned out to be the fifth warmest on record, while sunshine was the highest and rainfall the lowest since 1997. For most of the month winds were lighter than normal, but two windy periods, from the 6th to the 11th and from the 26th to 30th, resulted in average wind speeds for the month overall. May was the sunniest month of the year, with nearly 30 hours more than usual, despite also being rather wet. Overall temperatures were above the long-term average, although they were on a par with recent years. The 16th was very warm, ending up as the hottest day of the year. With all three months being warmer than normal, this was the warmest spring since 1997. This was also sunnier and drier than any of the intervening springs.

The first half of June was very wet and dull, with this early poor weather making a large contribution to the wet and dull character for the month as a whole. The mean temperature was equal to the long-term average, although this was still the coolest June since 1991. July was cooler, wetter and slightly duller than usual, although from the 9th onwards it was very dry. In recent years the Julys of 1998 and 2000 were both cooler and duller than this year, but not as wet. The lack of sunshine continued through August, but it was only marginally wetter than normal, while the mean temperature was a touch above average. The high incidence of dull and wet weather meant that this was the poorest summer since 1986.

There was a notable improvement in the weather during September, which turned out to be warmer, sunnier and drier than normal. The dry conditions continued into October, before gales and rain set in towards mid-month. Thanks to the dry start October was not particularly wet and it still managed to be marginally warmer and sunnier than usual. November was mild, wet and rather windy for much of the time. This November was the second mildest on record, with a mean temperature nearly 2°C above normal. After an exceptionally wet start, the rest of the month was rather dry and sunny, this being despite the persistence of low pressure. The autumn was the third warmest and fourth sunniest on record, with rainfall only slightly above average due to the dry weather in September and early October.

December had contrasting periods of cold and very mild weather, with the very mild conditions from the 20th onwards ensuring that this was another mild month overall. There were few dry days, but for most of the first three weeks rainfall was less than usual. The second wettest end to December on record boosted the month's total considerably. Sunshine was in short supply with an average of less than one hour per day from the 6th

January

On the 1st pressure was high over southern England and northern France, resulting in a cold and sunny day. Over the next two days the area of high pressure drifted east towards the Alps, allowing a reduction in pressure over the eastern Atlantic. Fronts moved north through Ireland and edged into the mouth of the Channel. Despite the close proximity of these fronts we continued with dry and bright weather. Moist air spread in early on the 4th, bringing in cloudy conditions with patches of mist and fog. This change, though, was marked by a rise in temperature. By the 6th a new anticyclone had developed over France, with south-east winds pushing any cloud away towards England, to give a sunny and mild day.

After a quiet start to the 7th, cloud spread in from the east, before breaking up once more late on. A fresher easterly breeze pulled in rather cold and cloudy weather for the 8th. The weather was cold enough at this time for some sleet to fall early on the 9th, whilst the rest of this day was cloudy with light showers. During the evening there was some heavy rain, accompanied by a little hail. This was the first significant rainfall of the month. After further showers on the 10th, a ridge of high pressure gave sunny, quiet and mild conditions the following day.

Over the next few days the character of the weather changed gradually. Fronts began to make more inroads through Ireland and western Britain, with air beginning to come in off the Atlantic, rather than the continent. From the 12th to the 17th temperatures climbed close to, or exceeded, 10°C. There was also rain at some stage, but with occasional sunshine as well. Winds tended to be light or moderate with only a few gusts of more than 20 kts. A transient ridge crossed the Islands on the night of the 17th, with clear skies allowing a ground frost. The 18th was the last day of the month with an average temperature, as much more disturbed conditions were on their way.

By the 19th a deep low had become slow moving south of Iceland, with its associated fronts sweeping quickly east over the United Kingdom. Following some early rain we had fair periods and showers, with gusts close to gale force. The temperature, though, reached 11°C at the Airport for only the second time up to that point. On only one day subsequently was a maximum temperature of 11°C not reached. The 20th was also breezy, but with rain or drizzle during the afternoon, rather than showers. There were hill fog patches for a while, due to the passage of a weak warm front. The 21st was mainly sunny and mild, with cloud not moving in until the approach of a cold front during the evening. Only a small amount of rain fell as this front went through, with the cloud clearing away for a while the following morning, before showers came in at around midday.

Fronts ahead of a new Atlantic depression crossed the Channel on the night of the 22nd, bringing a period of rain, followed in turn by a spell of fair weather. The low then moved north-east into south-west England, bringing gales to Alderney and farther out in the Channel. This low moved into the North Sea on the 24th, with windy conditions persisting across the area, but any showers were light and far between. A weak ridge of high pressure passed through on the night on the 24th/25th, allowing the wind to fall light for a few hours. These light winds, along with clear skies, resulted in a brief ground frost.

Cloud and rain, accompanied by patches of hill fog, swept through the area on the 25th. There was just a short interlude between this frontal system and the next one, which came through the following day. Severe gales were reported this time in Alderney, with the first gale of the winter recorded at Guernsey Airport. Winds remained strong to gale force overnight, along with several hours of rain. The 27th turned out to be the third sunless day in a row, but with less rain. The passage of a cold front was followed here by a day of unbroken sunshine, while winds gusting close to 100 mph were causing havoc across Northern Ireland, northern England and Scotland.

The weather was much more benign on the 29th, with a light or moderate breeze, sunny periods and the temperature at L'Ancrese climbing to 15°C. The 30th was also very mild, but cloudy with outbreaks of rain coming along during the afternoon. To finish off the 31st was sunny until the middle of the afternoon, before cloud and rain spread in for the evening. This rain, though, cleared through in a couple of hours leaving us with dry weather as we moved into a new month.

February

At the start of the month a deepening depression was moving north-east to the west of Ireland. Its associated warm front crossed the area during the early hours of the 1st, introducing very mild air. There was some rain and drizzle on the passage of the warm front, otherwise the day was dry, but cloudy. On the 2nd the cloudy broke up at times, allowing the temperature to reach 13.0°C at the Airport and 14.7°C at L'Ancrese; unusually mild for early February. There was rain for a while in the evening as fronts came closer and further rain on the 3rd as the cold front finally cleared through. A new Atlantic frontal system then moved in the next

The 5th and 6th were much brighter days, with periods of sunshine. There was a mixture of rain and hail showers on the evening of the 5th, with a brief thunderstorm early on the 6th. Temperatures remained above normal and the wind stayed fresh to strong and gusty. The next set of Atlantic fronts began to affect us from late morning on the 7th, with outbreaks of rain coming along during the afternoon, accompanied by hill fog. Over the following four days pressure remained low to the north-west of Scotland, with a series of fronts bringing periods of strong winds and heavy rain to much of western Britain. Being a long way from the main track of the depressions, we received a relatively small amount of rain, but it was, nonetheless mainly cloudy. Continued fresh to strong south-west winds kept temperatures well above normal, falling no lower than 8°C from the 8th to the 12th. The slow passage of a cold front on the 12th brought a period of heavy rain, thereafter the weather pattern changed.

Winds began to veer towards the north on the 13th as a developing anticyclone pushed into Ireland. This brought cooler, but also dry conditions. By the 14th high pressure was established over the British Isles, with north-east winds bringing sunny weather to the area. After the coolest day of the month on the 15th, the 16th saw milder weather without a cloud in the sky all day. For the only day during the month winds on the 17th were light, allowing an early ground frost, but there was less sunshine than the day before. A cold front went through overnight with its passage marked by a spell of heavy rain. The sky then cleared quickly after this rain, allowing mainly sunny conditions on the 18th.

The influence of high pressure was now on the wane, as a deep low moved into northern Scotland. Its appearance brought strong winds once more, with rain and drizzle from the evening of the 19th until late morning on the 20th. There was then a brief incursion of colder northerly winds on the 21st, before the next set of fronts came in. The rapid movement of weather systems, at this time, meant that the 22nd was very mild with some drizzle, followed by cooler, blustery and showery conditions on the 23rd. The next day a warm front crossed the Islands, bringing rain and drizzle, with some hill fog patches overnight. We continued with the mild and damp weather until just before dawn on the 26th, with a few hours of sunshine following, until showers came along that afternoon.

The weather stayed windy and showery to the end of the month, with temperatures down to normal values. There were long enough periods between showers on the 27th to allow plenty of sunshine. Showers were much more frequent on the 28th, ensuring almost no sunshine during the morning. Due to the strength of the wind, though, showers passed through quickly, resulting in a fairly small amount of rain.

March

A small low centred in the mouth of the Channel gave us south-west winds early on the 1st, but the wind soon swung around to the north-east as the low drifted south. A ridge of high pressure began to push east across southern Britain as the low moved away, resulting in a strengthening breeze, making it feel rather cold. The influence of the ridge was more in evidence on the 2nd, giving us a mainly sunny day, however this was also the coldest day of the month. Over the next couple of days relatively high pressure was maintained over the Islands, leading to very light winds, but the remnants of an old front produced a large amount of cloud. The clearance of another front at around midday on the 5th brought sunny conditions that afternoon, but with winds in the west once more, active fronts were soon pushing into western Britain. By the time these fronts reached the Bailiwick they were very weak, giving just a few spots of rain. Following the break up of the fronts early on the 7th sunny periods developed, allowing the temperature to climb well above normal.

Cloudy conditions prevailed on the 8th, with the first significant rain of the month falling overnight. Mainly sunny weather came in again the next day, but due to the changeable weather pattern a new frontal system had brought rain into southern Ireland by the end of the day. The 10th started off with mainly clear skies before becoming rather cloudy, although it turned out to be mild. A rippling front remained close by throughout the 11th, giving some rain early on, then several bursts of heavy rain during the evening. Skies cleared overnight to allow a touch of ground frost before cloud spread back from the south-east.

The 13th and 14th had similar conditions each day, feeling raw in a strong east to north-east wind and with no cloud breaks. Conditions worsened on the afternoon of the 14th with rain coming along and a temperature of 6°C. Overnight, winds swung around to the south as low pressure over Biscay extended northwards. For the following four days low pressure over the Atlantic was in control of the weather for the British Isles, with a sequence of small depressions and their fronts moving into Britain from the south-west. Despite this unsettled pattern we managed several hours of sunshine on each of these four days, with temperatures well above normal. There were, though, periods of rain, especially so on the 17th and 18th. For a time on the morning of the 18th winds increased to near gale force, with the highest gust of the month (47kt) being recorded.

drizzle. The sun came out for a few hours on the 21st, but it was cloudy and misty again by midnight. The pressure over the British Isles was now rising significantly, with an anticyclone edging northwards over the Bay of Biscay and a ridge of high pressure extending south over the North Sea. On the 23rd there were some rather warm spells of sunshine, whilst the next day was cooler with thick high cloud making any sunshine rather weak.

For the following six days, leading up to and including the early part of Easter, we had mainly sunny and dry conditions with temperatures creeping up. The two warmest days of the month were on Good Friday and Easter Saturday, with temperatures in the Island getting to between 15 and 17°C on both days. In marked contrast to the preceding two days, Easter Day was overcast and misty with spells of rain and a temperature hovering around 10°C.

April

A mild, but rather moist airflow, covered the area early on the 1st. This ensured mainly cloudy conditions, although there was a little warm sunshine during the afternoon. After a misty night, a trough of low pressure moved north from France to bring a small amount of rain on the morning of the 2nd, followed by a rather warm and sunny afternoon. A front then became slow moving near us the next day, giving rain at times with no sunshine and holding the temperature down to about 10°C. Brighter conditions came in over the following couple of days, with the temperature rising above average once more.

With pressure now building near to northern Scotland and falling over Spain and southern Biscay, a steep pressure gradient developed over the Channel. This pattern brought two days of very strong winds, with a gale recorded on the 7th; this being the first April gale since 1994 and the first easterly gale since 1985. These strong winds suppressed the temperature, but it was at least dry and mainly sunny. The weather was similar for the next four days, with mainly sunny conditions, but somewhat less wind.

Winds backed towards the north on the 12th and began to ease off. That night the remnants of a cold front crossed the area bringing in cooler air. This cool air ensured that the temperature failed to reach 10°C on the 13th, despite almost 10 hours of sunshine. A very weak frontal system passed over the Islands the following day, giving a few spots of rain on the way, followed in turn by mainly sunny weather again on the 15th. Light winds and clear skies overnight allowed the temperature to fall to its lowest value for the month and also resulting in a ground frost. There followed a sunny day, but a front was beginning to approach from the south-west. This front reached us on the afternoon of the 17th, bringing a few hours of rain before clearer skies came in.

The pressure rose gradually from the 18th to the 20th as a belt of high pressure developed from the west of Portugal to Scandinavia. Despite the rising pressure, the tail-end of a warm front gave several hours of rain early on the 20th. That afternoon sunny periods developed with the temperature rising into the rather warm category. South-east winds blowing off France and mostly sunny conditions gave us our warmest day of the month. The 22nd was sunny until mid-afternoon and also warm, but cloudy and damp weather spread in from the west during the evening. We had the highest pressure of the month on the 23rd, however, it was cloudy all day with a light north-west wind keeping the temperature at around 11°C throughout the day. Fog began to encroach during the evening, with thick fog and drizzle later. The thick fog persisted throughout the following morning, causing considerable disruption to flights, before clearing for several hours during the afternoon. The fog returned that evening and remained with us until about dawn on the 25th.

The general weather pattern started to change on the 25th, with a cold front crossing the British Isles. This front was followed by a transient ridge, before a deepening low swept in towards north-west Scotland. Windy conditions then spread to the whole of the United Kingdom, with rain and drizzle on the morning of the 26th. The rest of the month saw changeable weather with another depression rushing in on the 27th bringing heavy rain for a while overnight. The next couple of days were mainly dry, but windy with temperatures around normal. The next low pushed cloud in on the evening of the 29th, with outbreaks of rain later. There was more rain in the middle of the day on the 30th, followed by heavy showers overnight.

May

The weather pattern at the start of May showed low pressure centred to the north of Scotland, with showery conditions affecting much of the British Isles. The Bailiwick missed all the showers during the day, allowing us plenty of sunshine, although it was not particularly warm. The weather was similar on the 2nd, with pressure rising as the low drifted north and a ridge of high pressure pushed in from the south-west. Despite the pressure building further the next day, we managed a slight shower that afternoon. By the morning of the 4th a small anticyclone had formed over Scotland, resulting in north-east winds blowing across southern England and the Channel. Initially our weather did not change, being mainly sunny with temperatures slightly below normal.

Over the following couple of days the area of high pressure extended north-east into Scandinavia, whilst low pressure and weak fronts pushed westwards over England. These changes in the general situation brought cloudier weather, with a few spots of rain at times, but still not enough to measure. With rather more sunshine again on the 7th and 8th, temperatures rose above average. Liberation Day turned out to be dry, but a trough of low pressure over Normandy ensured us only brief glimpses of the sun, with the temperature dropping back two or three degrees.

On the 10th and 11th a new area of low pressure began to extend northwards into the North Sea. This change pulled the wind around to the north-west, with sunshine returning and reasonable temperatures. The 12th had a sunny morning, however, cloud increased during the afternoon ahead of fronts coming in from the south-west. By the early hours of the 13th there was a deep low off south-west Ireland with a complex series of fronts massing in the western approaches. The fronts brought rain through the afternoon of the 13th, with a couple of bursts of heavy rain. The depression then moved north towards the Hebrides, allowing the pressure to rise over the Bay of Biscay and the Channel. This situation helped to keep the next set of fronts well away from us and bring a rise of temperature.

After some early cloud on the 15th the rest of the day was sunny, with the temperature at the Airport exceeding 16°C for the first time during the month. Much warmer air was not far away, with the temperature dropping only a small amount overnight. On the 16th winds were blowing from the south-east throughout the day, helping the temperature to climb steadily until late afternoon. By this time we had reached a value of 25.6°C (78°F), which is the second highest recorded during May. At L'Ancrese the maximum temperature of 26°C (79°F) was a new May record. It stayed very warm overnight, with the temperature still above 20°C at 4 a.m. on the 17th. A thundery trough swung through the area that morning, though, bringing a brief thunderstorm, some heavy rain and a sharp drop in temperature. There was a little warm sunshine during the afternoon, before rain and fog spread in from the west.

A changeable weather pattern then became established until the last three days of the month. Much of the Atlantic to the west of the British Isles was covered by low pressure, with a series of frontal weather systems crossing Britain. Initially on the 18th and 19th we had relatively high pressure and hence only a small amount of rain. The winds were also blowing in from the south-west, to keep temperatures above normal. On the 20th a very deep low for late spring began to develop in the Atlantic, moving in towards south-west Ireland the next day. Rain, from the associated cold front, arrived by the afternoon of the 21st and continued on until midnight. During the early hours of the 22nd the pressure fell to 991.4mb, very close to the lowest ever recorded in May.

We avoided any showers on the 23rd, but more fronts were rushing in from the west, to bring heavy rain for the early part of the 24th. Brighter, but showery, conditions then reached here later that morning. This showery weather stayed with us until late on the 25th, with the showers accompanied by strong winds. We even received some hail late on the 24th, an unusual occurrence for late May. A new front brought a period of heavy rain during the latter hours of the 25th, with winds becoming even stronger, gusting up to severe gale force 9. The windy and showery conditions continued through the 26th, with the temperature at its lowest for almost three weeks.

The changeable weather still had a couple of more days to run. After a mainly sunny day on the 27th a small frontal system swept up the Channel overnight, bringing several hours of rain. By the afternoon of the 28th it had become sunny again, with just one or two showers. This weather type continued the following day, however, pressure was beginning to build from the south-west. By the morning of the 30th pressure was high over Brittany and northern France, killing off any showers. Over the next 24 hours the high extended northwards, bringing our winds around to the south. To end the month we had a sunny and rather warm day, with winds lighter than they had been for most of May.

June

Conditions on the 1st proved to be a false dawn, with the unbroken sunshine and warm weather being replaced on the afternoon of the 2nd by thundery rain and fog. The anticyclone that had brought the sunshine had moved off to southern Scandinavia by midday on the 2nd with a trough of low pressure following from the west. A small frontal system moved into the Channel late on the 3rd, bringing a prolonged period of rain, which persisted for much of the 4th. Whilst the rain was falling temperatures were very low, struggling to exceed 10°C. The mean temperature of 9.8°C was lower than that for the period from the 20th January to the 12th February. The 5th and 6th were brighter and not as cool and we even managed 24 hours of dry weather.

The pressure pattern over the British Isles then became rather topsy-turvy, with low pressure across southern England and high pressure to the north of Scotland. The result on our weather was to bring more spells of rain, with a consequent lack of sunshine and daytime temperatures below normal. The large amount of cloud

much of the time from that afternoon until the late morning of the 12th. This was accompanied by mist and hill fog.

A weak warm front pushed slowly northwards on the 13th, maintaining cloudy weather with mist or fog. Brief spells of sunshine on the 14th pushed the temperature above 16°C for the first time since the 2nd. These warmer conditions persisted the next day, but there was still little sunshine and rain came along during the evening. The early part of the 16th was cloudy and misty, but the sun came out in the afternoon, with the temperature reaching 21.1°C (70°F). The following night was clear and warm, but by the next morning fog had rolled in. A few hours of sun that afternoon were enough to raise the temperature to its highest value for the month, a rather meagre 21.7°C (71°F).

Pressure then built from the south-west, introducing sunnier and much drier weather. Despite the extra sunshine temperatures fell back. There were then no fronts in our area until the 21st. These fronts were weak, but made the weather cloudier once more, with some rain. We were still being affected by fronts on the 22nd, although pressure was building again. By the morning of the 23rd a ridge of high pressure extended from the Azores anticyclone to southern England.

High pressure then stayed in control of our weather until the 30th. Fronts continued to affect other areas of the British Isles at times, but these were killed off by the high pressure by the time they reached the Channel. From the 23rd to the 29th we managed 89 hours of sunshine, with just a few spots of rain on the evening of the 29th. Winds, though, were blowing from between west and north throughout this period, with a consequence that temperatures stayed slightly below normal for late June. Low pressure and fronts made their reappearance on the 30th, with rain and drizzle arriving overnight.

July

With a deep low centred near to northern Scotland early on, fronts were pushed rapidly east across the United Kingdom. This situation brought us cool, cloudy and breezy weather, with some rain. A secondary depression then moved in to south-west England on the afternoon of the 2nd to produce a prolonged spell of wet and misty weather, with fog at times. Conditions were better on the 3rd and through the morning of the 4th, before heading downhill once more. A period of moderate rain overnight was followed drizzle and fog patches the next day. The low responsible for this poor weather had cleared off by the morning of the 6th, to allow us several hours of sunshine. The 7th saw further drizzle and hill fog, which continued on the 8th. A small wave depression came along that afternoon bringing with it several hours of moderate or heavy rain. The rain and accompanying fog finally moved off during the early hours of the 9th, with mainly sunny conditions following on.

The pressure then started to build slowly over the next few days to give some welcome sunshine, with only a small amount of rain. A small low moved eastwards over Brittany on the 12th, ensuring that we had a cloudy day, but, thankfully there was little rain. After this the pressure rose further as a ridge of high pressure pushed in from the south-west, to link up with an anticyclone over Scandinavia. These changes resulted in our sunniest day of the month, with nearly 15 hours of sunshine recorded. Temperatures, though, remained disappointingly low, due to the north-west wind. High pressure was then the dominant force of our weather for the next 10 days with very little cloud and no rain from the 13th to the 22nd. We experienced our first reasonably warm day of the month on the 15th, with 20°C being exceeded at last. The next day was even warmer, but the passage of a very weak cold front brought a slight dip in the temperature once more.

With high pressure persisting and the wind swinging around to the east on the 19th, we experienced our warmest day of the month, recording a maximum temperature of 23.7°C. This warmth was short-lived as another change in the wind direction brought a return of cooler air. The sun continued to shine for another couple of days, though, so that consequently by the end of these sunny 10 days our total of sunshine for the month this far had passed the average.

A rapid deterioration then took place as the main area of high pressure pulled back towards the Azores, to allow low pressure to make its presence felt across the British Isles again. A depression crossed Scotland on the 23rd, with its fronts bringing us drizzle and hill fog. It became brighter the following day with sunny periods, but more damp weather arrived early on the 25th. We saw no sunshine that day and it took until the afternoon of the 26th before the sun came out again. The air now over the British Isles had its origins in subtropical areas of the Atlantic, with the potential for producing some very high temperatures. On the 27th we had south-east winds for several hours, so that when the sun came out the temperature rose quickly. The wind then swung around to the north-west, bringing a halt to the rise of temperature.

Over the next day or so the pressure pattern over the Britain became rather complicated. There was a wavy front affecting much of Ireland and western Scotland with thundery low pressure extending its influence

29th when fog persisted all day on parts of the west coast, with clear air over the south-east of the Island for several hours around the middle of the day. The heat in south-east England was intense with London experiencing its highest temperature in July since 1989. This heat was responsible for the development of some severe thunderstorms over parts of the United Kingdom during the last three days of the month, while we received only light rain. The fog that had plagued us on the 29th cleared away the next day, with sunny periods to end the month.

August

Low pressure covered the British Isles for the first four days of the month. One small low was centred over western Brittany on the 1st. Over the following three days this drifted very slowly north-east, giving us variable weather in the process. For the first couple of days we had light winds and reasonably sunny conditions, but despite this it was not particularly warm. Showers came along during the afternoon of the 1st, with very heavy showers crossing the Island late that evening. As the low moved north-east our weather became generally cloudier, with more heavy showers affecting us in the early hours of the 5th.

A ridge of high pressure crept into western Britain on the 5th, allowing us sunshine that afternoon. The fine weather stayed with us through the following as well, but more fronts were approaching from the Atlantic to bring a deterioration of our weather. Despite the pressure being high, the 7th was a cloudy day, with some drizzle in the evening. A developing depression then moved south-east on the 8th, before moving east along the south coast of England. This pattern ensured two more rather cool and cloudy days, with periods of rain or showers. The wind also picked up at this time being fresh to strong for a while and then easing off slowly over the next couple of days. The area of low pressure had moved off by the 11th, only to be replaced by more low pressure pushing into western Britain. This situation maintained the cloud, with rain at times.

The weather was generally better for the following five days, due to high pressure edging in from the south-west. A moist south-west flow made much of the 13th cloudy, with fog coming in overnight. The fog cleared during the morning of the 14th as the wind backed easterly. This wind direction was also responsible for producing the warmest day of the month, with the temperature reaching 24.1°C (75°F). This warmth was brief as the wind then swung around to the north-west. The 15th and 16th were, nonetheless, pleasant days with sunshine and light winds.

A deep depression passed close to western Ireland on the 17th, with its fronts pushing slowly east into south-west England. It took until the morning of the 18th for rain from these fronts to reach us. We subsequently had a mix of showery rain, with some patches of fog. These continued into the 19th, finally clearing by late that morning. The weather then turned much brighter, with periods of sunshine that afternoon. The following two days were also reasonably sunny, although not very warm.

High pressure was trying to increase its influence and the weather did stay dry, but it was the 22nd before we saw the temperature approach 22°C (72°F) again. The next couple of days were not as warm, but they both had virtually unbroken sunshine. Conditions worsened again as the Bank Holiday came closer. The combination of an intensifying ridge of high pressure extending north-east across Scotland and low pressure over southern France, brought increasing winds to the Channel. We also had to contend with a front nudging in from the east, to bring us some rain during the evening. The weather improved on the 27th as this front swung away to the south and the high reasserted itself.

The weather became less settled over Scotland, with active fronts bringing them some heavy rain. With pressure remaining high, the fronts were weak when they came close to the Channel, however, they brought us cloud and some rain or drizzle. The very moist airflow also resulted in periods of thick fog, which mostly affected the higher parishes. A secondary low crossed Ireland on the 30th, with its cold front clearing through the Bailiwick during the early hours of the 31st. With all fronts out of the way and a ridge of high pressure pushing in from the south-west, the 31st turned out to be a sunny day, but with just normal temperatures.

September

A large anticyclone moved north-east across the British isles on the 1st and 2nd, bringing sunny weather with the temperature rising as the sunshine persisted. By the 3rd pressure had fallen due to a thundery low pushing north-east over France. There was less sunshine, but the air was warmer, with the temperature peaking at 22.4°C. As the thundery low moved farther north the wind backed towards the west and it turned misty, with a little rain or drizzle. Winds remained in the west on the 5th, however, the sun shone and temperatures were marginally above normal.

appreciable rain. The distribution of the heaviest rain over the Bailiwick was patchy, with Sark receiving 34.6mm, compared to 10.4mm here at the Airport. Low pressure dominated the weather for the next three days, resulting in further spells of rain or showers. A small wave depression moved northwards from Normandy into southern England on the 9th, deluging the Isle of Wight with torrential rain, before the pressure began to build strongly from the south.

High pressure then came to dominate the general weather pattern from the 10th to the 17th. Initially the main anticyclone became established over southern Scandinavia, before drifting westwards to Scotland. This made little difference to our weather, with a dry, but fresh, easterly wind affecting the Islands from the 13th to 18th. We had mainly sunny conditions, with temperatures above normal. By the 18th the pressure had fallen sufficiently to allow thundery troughs to approach from the south. Whilst becoming cloudy there were only a couple of light showers that evening, although lightning was visible for several hours south-west of us, indicative of heavy rain not too far away. There was heavy rain for a while during the early afternoon of the 19th; the first significant rain in 10 days.

On the 20th high pressure began to reassert its influence, pushing the remnants of any fronts away to the south. It took until the 21st before the sun broke through again. With the pressure remaining high for the rest of the month it was dry for the most part, with a good amount of sunshine on each day. North-east winds brought in slightly cooler air than we had become used to and helping the build up of cloud over the sea. A couple of showers developed on the 24th, with a small funnel cloud seen during the late morning. Over the following couple of days the area of high pressure drifted south-west into the Atlantic. This change pulled the winds into the north-west for a while, but otherwise bringing little difference to our weather.

Having drifted away for a day or so, the high then moved back in to be centred over the British Isles by the 27th. With its continued movement eastwards our wind veered gradually around to the south-east. This change brought warmer air from France to give us three pleasant days to end the month.

October

A southerly airflow covered the area on the 1st, with a thundery trough over the Islands. This gave outbreaks of rain for most of the day, with mist patches developing. The trough moved away to the east overnight to allow cloud breaks to appear by the following morning. There were some warm sunny periods through the day, before an approaching cold front brought increasing cloud that evening, followed by rain after midnight on the 2nd. High pressure then came to dominate the weather pattern for the following five days.

An anticyclone moved in slowly from the south-west on the 3rd and 4th, before drifting towards Ireland. A weakening cold front then moved south over the United Kingdom, while the main area of high pressure became established over western Norway. From the 3rd to the 8th there was no rain and each day was mainly sunny, with daytime temperature above normal and light winds. This, though, marked the last throws of any summery type of weather.

Active fronts began to push into western Britain on the 8th, bringing cloud later that day, but with any rain holding off until the afternoon of the 9th. There was more rain and drizzle on the night of the 11th, which was followed by sunshine the next day. A new depression was beginning to form to the west of Spain at this time. This then travelled north-east and deepened considerably over the next 24 hours, passing just north of the Islands on the afternoon of the 13th. There was rain in the morning, with the second gale of the year coming along that evening. A quieter day followed, but an even deeper low was ready to make its presence felt on the 15th. The wind increased to gale force again during that afternoon, with the highest winds similar to those from a couple of days before.

A new area of low pressure came in on the 16th, this time bringing heavy rain rather than strong winds. A funnel cloud was seen for a short while in the early afternoon, with several bursts of heavy rain going through until the evening. Early on the 17th there were more heavy showers, with thunder and lightning at times between about 2 and 5 a.m. There was another thunderstorm during the morning, accompanied by further heavy rain. The thundery nature of this rain resulted in a wide variation of rainfall across the Bailiwick during these two days. Western parts were the wettest, with less than half being recorded farther east. Rocquaine received 42.4mm, the Airport 30.4mm, L'Ancrese 22.9mm and Sark 16.3mm.

The middle part of the month was the wettest and coolest, with the only ground frost at the Airport on the 19th. The lowest temperature in the Bailiwick was measured at L'Ancrese on the 19th, with the mercury dropping to just 2.6°C. The ridge of high pressure that caused these low temperatures soon declined with low pressure taking over once more. This time the centre of the low stayed out over the Atlantic so that the rain and strength of the wind was reduced. Due to this pattern the wind was southerly with both the 21st and 22nd seeing

The following set of depressions raced across the Atlantic on the 24th, bringing rain and gales on the 25th. There was an easing of the wind on the 26th before the gale that made the headlines swept through the next day. This low crossed the British Isles farther north, thereby affecting a much larger area of the United Kingdom than the previous ones. The peak wind here was no higher than earlier in the month, although the gale lasted for most of the day. While the wind was at its strongest, though, the sun was shining and the temperature was close to normal. The low continued to move away rapidly into Europe, doing more damage there, while the pressure rose quickly from the south-west.

The pressure soon started to fall again as the anticyclone transferred to the Balkans, allowing low pressure to encroach again. This low was, however, much weaker than the preceding ones resulting in dry, but rather cloudy weather. Southerly winds helped the temperature to climb well given any sunshine, with L'Ancrese reaching 18.2°C on the 29th. The last couple of days saw quiet conditions, but these allowed fog to drift in from nearby France for a while.

November

At the start of the month a depression was centred south of Greenland with its fronts moving north-east over the British Isles. This pattern ensured that a very mild south-west flow affected the whole of the United Kingdom. The downside of this pattern, was that the first two days were cloudy with rain or drizzle for much of the time accompanied by patches of hill fog. By the 3rd a deep low had swept north-east, to the west of Ireland, with its cold front clearing rapidly through the area. This change brought a couple of brighter days, with a few showers and temperatures remaining mild.

The next set of fronts moved quite slowly across the Islands on the 5th and 6th, resulting in a couple of cloudy days with a prolonged period of rain or drizzle from late on 5th until the afternoon of the 6th. Hill fog accompanied the rain and drizzle for a while, before clearer air spread in from the west. Good breaks in the cloud followed, but more cloud came in later the next day as a new set of fronts pushed into western Britain. The following three days saw only one brief glimpse of the sun, with damp and misty conditions for much of the time and some hill fog, which was at its thickest on the 10th. Due to the prevailing south-west wind and large amounts of cloud, temperatures stayed well above normal, especially so overnight.

The passage of a cold front late on the 10th was followed by fair or fine weather for much of the 11th, although with a heavy shower that evening. Over the next two days there was further heavy rain at times, but also sunny spells. Due low pressure moving closer it did become windier, especially so early on the 14th with winds increasing to gale force as a depression moved into south-west England. The rest of that day saw a mixture of clear periods and just a few light showers. Low pressure dominated the weather over the British Isles for the next three days, filling slowly in the process. Despite the presence of low pressure we had well broken cloud for much of the time and just a few showers. Also, due to generally southerly winds, temperatures stayed above normal.

Fronts tried to push in from the Atlantic on the 19th, but their progress was slowed by the development of high pressure over Scandinavia. These fronts did eventually move through, giving several hours of rain in the process, but it soon brightened up on the 20th allowing us over five hours of sunshine. There was rain again that night, followed by fair periods and showers. A complex area of low pressure centred to the west of Ireland then became the controlling influence on our weather. Initially we had some heavy showers with strong winds. As the low filled the showers became less frequent, to allow reasonable amounts of sunshine on each day from the 23rd to 26th. Due to southerly winds it continued to be mild, although as the wind fell light on the night of the 24th, a very slight ground frost was recorded at the Airport.

The weather pattern then turned more disturbed again, with fronts swinging into western Britain. Whilst it became cloudier here, there were only small amounts of rain, with a continuation of the mild weather. Towards the end of the month a ridge of high pressure started to move in from the west. Its influence was brief, though as yet more fronts came in to bring drizzle and fog in the final hours of November.

December

Due to the passage of a set of fronts, this month began damp, but mild, before the weather brightened up following the clearance through of a cold front shortly after dawn on the 1st. For the next 48 hours or so we were covered by a strong and showery westerly flow, with winds increasing to gale force for a while early on the 2nd. A new set of fronts encroached from the west on the 3rd, but they weakened as they come up against high pressure over Europe. We received some rain and drizzle early on the 4th before the cloud broke up once more

By the 6th a strong ridge of high pressure had extended across the British Isles from an intense anticyclone centred of Finland. This situation brought brighter and drier weather to most of the United Kingdom. The development of a north-east airflow, though, allowed cloud to form over the North Sea and English Channel, ensuring that we had cloudy weather with rain at times. Temperatures continued to fall as the continental flow persisted, dropping close to freezing early on the 10th. By this time weakening fronts were beginning to swing in from the south. There was some snow for a while on the morning of the 10th, before a slow rise of temperature caused the snow to turn to rain.

A ridge of high pressure continued to affect northern Scotland, whilst a depression over Biscay filled slowly. As the depression filled the wind eased off and we had enough breaks in the cloud to give several hours of sunshine on the 12th and 13th. A new low moved north-east from north-west Spain on the 14th, bringing stronger winds and rain by that afternoon. This low maintained its north-easterly course over the following couple of days, allowing pressure to rise across western Britain. This rise of pressure was eventually sufficient to dry weather for the 18th with sunny periods, but these brighter conditions were blighted by a strong east wind.

There was a renewed push of mild air northwards over the Bay of Biscay on the 19th, with a resultant increase of high cloud for us. An east to south-east wind kept the temperature below 5°C throughout the day, than as the wind veered towards the south during the evening gradually it became milder. This rise of temperature continued through the morning of the 20th, so that by midday we had reached 10°C. By this stage, though, rain, drizzle and fog had spread in and this weather type became all too prevalent over the following three days. A warm front, coming in from the south-west, brought continuous rain during the afternoon of the 21st, with this rain accompanied by mist or fog. The rain did not ease off until about 4.30 am on the 22nd.

In the lead up to Christmas pressure remained low over the Atlantic and high over Scandinavia. This pattern maintained a very mild south to south-west airflow, with fronts moving north-east in this flow to affect us from time to time. Each day, including Christmas Day had rain, although the amount was not very large. The clearance of a cold front early on Boxing Day was followed by sunny periods, which meant good conditions for working off the previous day's indulgences. The pressure was at its lowest for the month on the 27th and while it was a cloudy day, with showers, the total of rain was relatively small.

During the 28th the wind was blowing from the north-west, but it backed to the south-west again that evening as more fronts approached. With fronts close by the next day was overcast with a mixture of rain, drizzle and hill fog patches. Heavy rain fell for a while in the early hours of the 30th as the fronts finally cleared through. There were sunny spells during the day, before a front edged back in from the north-west. The last day of 2002 was another cloudy day with rain or drizzle at times and more rain later to see in the New Year.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2002	DIFFERENCE FROM AVERAGE	2002	PERCENTAGE OF AVERAGE	2002	PERCENTAGE OF AVERAGE
JAN	8.2	+1.6	74.8	83.9	66.7	115.2
FEB	8.5	+2.2	134.4	175.7	81.2	103.6
MAR	9.3	+1.9	86.4	129.5	123.5	97.9
APR	9.9	+1.2	22.3	43.6	205.2	112.0
MAY	12.3	+0.7	58.9	118.8	261.0	111.6
JUN	14.0	0.0	80.7	174.7	196.5	82.5
JUL	15.8	-0.4	61.0	162.2	239.6	96.6
AUG	16.8	+0.2	49.5	108.1	205.5	87.4
SEP	16.2	+1.1	24.5	36.7	221.1	127.1
OCT	13.4	+0.8	94.4	105.9	123.0	104.0
NOV	11.4	+1.9	153.8	157.1	91.4	122.0
DEC	8.6	+0.8	141.8	132.2	37.1	71.1
YEAR	12.1	+1.0	982.5	119.2	1851.8	101.8

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2002	DATE	2002	AVERAGE 1971-2000	2002	AVERAGE 1971-2000
JAN	66.7	57.9	112.8	1998	26.0	1966	8.0	11th	24.8	21.5	9	10.7
FEB	81.2	78.4	140.9	1959	36.1	1976	9.7	16th	27.6	26.6	8	6.9
MAR	123.5	126.1	206.1	1973	67.4	1964	11.1	28th	33.6	34.3	7	5.6
APR	205.2	183.2	280.4	1984	122.2	1981	12.0	16th	50.2	44.8	2	2.6
MAY	261.0	233.8	336.4	1989	136.9	1981	13.9	31st	55.2	49.4	1	1.8
JUN	196.5	238.2	355.3	1975	147.8	1977	14.8	1st, 26th, 27th	40.8	49.5	1	1.9
JUL	239.6	248.1	335.9	1959	167.7	1972	14.9	13th	49.5	51.2	2	1.4
AUG	205.5	235.0	323.0	1955	139.2	1992	12.9	24th	46.4	53.1	0	1.2
SEP	221.1	174.0	266.5	1959	104.5	1956	12.3	2nd	58.7	46.2	0	2.3
OCT	123.0	118.3	176.4	1971	72.6	1968	10.2	4th, 7th	37.1	35.7	3	4.6
NOV	91.4	74.8	117.7	1988	38.9	1981	6.8	24th	33.7	27.6	4	6.9
DEC	37.1	52.2	108.9	2001	26.6	1966	6.1	5th	14.5	20.4	12	11.0
YEAR	1851.6	1819.9	2262.8	1959	1532.5	1981	14.9	13-Jul	41.6	40.8	49	56.8

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	RECORD HIGHEST	DATE & TIME G.M.T.
JAN	1021.2	1017.1	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220	1045.9	30/1989 0945
FEB	1015.2	1017.0	1032.1	1959	1003.5	1966	1047.5	7/1964 1050	952.5	25/1989 1050	1047.5	7/1964 1050
MAR	1017.7	1016.7	1029.9	1953	1003.0	1947	1047.7	3/1990 0930	969.6	13/1951 1630	1047.7	3/1990 0930
APR	1016.7	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620	1040.2	10/1947 0800
MAY	1013.4	1015.7	1025.3	1991	1007.8	1983	1036.1	22/1991 0900	991.3	27/2000 2350	1036.1	22/1991 0900
JUN	1017.7	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500	1037.5	14/1959 0850
JUL	1017.2	1018.4	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845	1034.5	12/1969 1150
AUG	1017.4	1017.6	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000	1036.1	12/1949 0930
SEP	1020.3	1017.1	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630	1037.3	22/1947 0700
OCT	1011.9	1015.6	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200	1040.0	26/1969 2200
NOV	1006.5	1016.2	1026.5	2001	1001.5	2000	1041.9	2/2001 0850	965.0	19/1996 1720	1041.9	2/2001 0850
DEC	1013.0	1016.0	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450	1046.0	25/1991 0950
YEAR	1015.7	1016.7	1019.8	1949	1013.4	1960	1047.7	03/03/90 0930	952.5	25/02/89 1050	1047.7	03/03/90 0930

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2002	DATE	2002	AVERAGE 1971-2000	2002	AVERAGE 1971-2000
JAN	74.8	89.2	210.0	2001	15.4	1992	16.0	26th	18	19.0	17	14.8
FEB	134.4	76.5	182.8	1978	4.8	1965	31.6	4th	21	16.3	19	12.3
MAR	86.4	66.7	179.6	2001	2.7	1961	23.4	17th	12	16.3	8	12.0
APR	22.3	51.1	130.4	1966	2.9	1980	9.0	30th	11	12.9	4	9.5
MAY	58.9	49.6	128.7	1994	4.1	1989	9.9	25th	15	11.8	12	8.5
JUN	80.7	46.2	129.7	1986	0.6	1976	23.2	11th	15	10.6	10	7.2
JUL	61.0	37.6	120.2	1960	3.9	1999	24.4	8th	13	9.7	5	6.7
AUG	49.5	45.8	122.0	1951	3.8	1955	12.0	1st	11	10.2	7	7.2
SEP	24.5	66.8	194.5	1952	6.9	1997	10.4	6th	7	13.5	5	9.9
OCT	94.4	89.1	233.9	1960	3.4	1978	24.9	16th	19	16.3	16	12.5
NOV	153.8	97.9	192.5	1965	16.1	1978	17.2	13th	22	18.5	19	14.8
DEC	141.8	107.3	249.6	1999	28.1	1953	36.7	20th	25	19.1	20	15.5
YEAR	982.5	824.0	1317.0	1960	531.3	1989	36.7	20-Dec	189	174.1	142	132.0

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2002	AVERAGE 1971-2000	2002	DATE	RECORD HIGHEST	DATE	2002	AVERAGE 1971-2000	2002	DATE	RECORD LOWEST	DATE
JAN	9.9	8.4	12.8	29th	13.3	4/1948	6.5	4.7	2.0	1st	-7.8	20/1963
FEB	10.4	8.2	13.0	2nd	15.0	29/1948	6.7	4.4	2.6	17th	-7.2	21/48,7/91
MAR	11.3	9.6	14.8	29th	19.4	29/1965	7.3	5.2	3.6	2nd	-2.2	10,11/1958
APR	12.3	11.2	16.5	21st	23.0	22/1984	7.5	6.2	3.9	16th	-1.4	11/1986
MAY	15.1	14.4	25.6	16th	25.7	5/1995	9.6	8.7	5.8	2nd	0.1	2/1979
JUN	16.5	16.9	21.7	17th	30.8	26/1976	11.5	11.1	8.4	4th	5.4	1/1975
JUL	18.1	19.2	23.7	19th	31.7	1/1952	13.5	13.2	11.7	2nd,13th	8.3	8/1954
AUG	19.5	19.5	24.1	14th	32.8	3/1990	14.2	13.7	12.5	24th	9.2	28/1986
SEP	18.6	17.6	22.4	3rd	30.6	2/1961	13.9	12.5	11.3	25th	5.8	28/1974
OCT	15.5	14.7	18.1	2nd	23.3	4,5/1959	11.3	10.5	7.1	19th	3.9	30/1983 (18/52,19/85 22,28/93
NOV	13.1	11.4	15.9	2nd	16.8	1/1999	9.7	7.7	6.5	25th	0.0	
DEC	10.0	9.6	12.9	1st	15.6	6/1953	7.2	6.0	0.9	10th	-3.8	24/1963
YEAR	14.2	13.4	25.6	16-May	32.8	03/08/90	9.9 *	8.7	0.9	10-Dec	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE					MEAN DAILY RANGE				
	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	8.2	6.6	8.6	1993	1.5	1963	3.4	3.7	4.7	1984
FEB	8.5	6.3	9.0	1990	1.5	1986	3.7	3.8	4.6	1988
MAR	9.3	7.4	10.3	1957	4.4	1962	4.0	4.4	6.4	1953
APR	9.9	8.7	10.9	1961	6.4	1986	4.8	5.0	6.3	1984
MAY	12.3	11.6	13.9	1989	9.9	1984	5.5	5.7	7.3	1989
JUN	14.0	14.0	16.7	1976	11.3	1972	5.0	5.8	8.3	1976
JUL	15.8	16.2	19.4	1983	13.8	1954	4.6	6.0	7.9	1983
AUG	16.8	16.6	19.1	1995	14.3	1956	5.3	5.8	7.3	1955
SEP	16.2	15.1	17.5	1949	12.8	1986	4.7	5.0	6.1	1961
OCT	13.4	12.6	15.2	2001	9.6	1974	4.2	4.1	5.1	1947
NOV	11.4	9.5	12.0	1994	7.7	1993	3.4	3.7	4.9	1969
DEC	8.6	7.4	10.1	1953	4.6	1950	2.8	3.6	4.5	1968
YEAR	12.1	11.1	12.1	1989	9.6	1963	4.3	4.7	5.2	1949,89,90

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2002	DATE	RECORD LOWEST	DATE	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	-4.4	11th	-10.0	29/1947	0	1.8	16	1963	8	7.0	20	1985
FEB	-3.9	17th	-11.1	12/1978	0	2.1	18	1986	3	7.8	24	1956
MAR	-2.5	4th	-9.4	3/1965	0	0.4	4	1947	5	6.8	18	1955
APR	-4.5	16th	-7.0	5/1990	0	0.1	1	1978,86	4	4.8	10	1984
MAY	-1.3	2nd,6th	-5.6	5/1979	0	0.0	--		4	2.4	9	1979
JUN	-4.3	25th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	6.9	22nd	1.0	Jul-96	0	0.0	--		0	0.0	--	
AUG	6.9	24th	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	3.4	22nd	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	-0.8	19th	-4.0	30/1983	0	0.0	--		1	0.9	6	1992
NOV	-0.5	25th	-5.6	29/1987	0	0.0	--		1	3.7	9	1988
DEC	-0.8	13th	-8.9	29/1964,27/1995	0	0.4	5	1970	2	5.3	10	1976
YEAR	-4.5	16-Apr	-11.1	12/02/78	0	4.7	31	1963	28	39.2	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	9	5.8	13	1955,82	2	1963,67,72,74,92	0	0.8	4	1979
FEB	8	7.0	15	1979	0	1969	1	0.5	3	1957,89
MAR	9	7.9	16	1960,94	0	1968,73	1	0.5	4	1958,67,82,87,95
APR	6	6.0	16	1963	2	1976,90	1	0.7	4	1981,95
MAY	2 *	7.1	19	1964	2	1988	1	1.2	4	1950,71
JUN	12	9.9	18	1965	1	1975	1	1.3	6	1982
JUL	14	11.2	20	1972,78	4	1966	0	1.6	5	1982,94
AUG	10	9.4	21	1997	2	1976	0	1.4	5	1974
SEP	0	5.6	15	1987	0	1952,53,72	0	1.2	10	1976
OCT	3	4.0	17	1986	0	1971,73	1	1.4	5	1964
NOV	6	3.9	14	1992	0	-	0	0.8	4	1969
DEC	7	4.6	11	1995	0	1947,64,75	1	1.1	4	1976,93
YEAR	86	82.6	115	1994	55	1989	7	12.3	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	1	2.9	12	1963,85	2	5.4	13	1984,85	0	1955,64,70,92,93
FEB	0	3.9	18	1956	4	3.9	13	1988	0	—
MAR	0	1.7	10	1962,70	1	3.9	9	1979	0	—
APR	0	0.9	4	1970	1	3.0	10	1994	0	—
MAY	0	0.1	3	1979	1	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	0	0.6	5	1980	2	4.2	11	2000	0	1948,55,83,94,95
DEC	1	1.6	8	1962,70	3	4.5	10	1979,82,86,93	0	1964,68,75
YEAR	2	11.6	30	1962,63,70,79	15	28.1	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2002	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2002	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	18	31	1948	4	1992	17	28	1948	3	1992
FEB	21	26	1970,95	2	1959	19	23	1951	1	1965
MAR	12	27	1979	3	1961	8	21	1947	1	1961
APR	11	21	1983	3	1976	4	18	1966	1	1976,80
MAY	15	26	1981	2	1989	12	19	1981	1	1989
JUN	15	21	1991	3	1975,76	10	14	1987,91	0	1976
JUL	13	20	1960	3	1999	5	15	1950	1	1999
AUG	11	21	1963	1	1976	7	18	1992	1	1955,76
SEP	7	23	1950,52	4	1959,97	5	21	1950	2	1959,97
OCT	19	28	1981	5	1965,78	16	24	1981	1	1978
NOV	22	27	1960	8	1978	19	25	1960	5	1988
DEC	25	28	1993	8	1991	20	26	1959	5	1991
YEAR	189	212	1960	138	1971	142	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2002	AVERAGE 1971-2000	2002	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2002	DATE	RECORD HIGHEST	DATE
JAN	12.9	14.7	1	2.6	11	1984	49	26th	77	25/1990
FEB	17.2	13.3	0	1.5	10	1990	51	23rd	69	9/1988,11/1990
MAR	11.1	12.6	0	1.0	6	1980	47	18th	70	10/1982
APR	11.9	11.9	1	0.3	2	1964,72,83,94 {1954,55,58	49	7th	60	9/1994
MAY	11.1	11.1	0	0.1	1	{1962,72,79,96	44	25th	58	19/1996
JUN	9.9	10.6	0	0.0	0	—	31	9th	51	16/1965
JUL	9.9	10.3	0	0.0	1	1956,69	33	1st	63	31/1983
AUG	8.1	9.7	0	0.0	1	1956,61,86	32	9th	52	26/1986
SEP	10.2	11.1	0	0.2	2	1953,65,74,83	33	13th	60	29/1962
OCT	11.5	12.5	5 *	0.9	4	1967,76	57	13th,25th,27th	81	16/1987
NOV	13.5	13.5	1	1.3	8	1977	51	14th	73	23/1984
DEC	12.8	14.5	1	2.2	9	1979	45	1st	83	15/1979
YEAR	11.6	12.1	9	10.1	20	1972	57	13th,25th,27th /Oct	83	15/12/79

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION 2002

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	-	-	-	-	-	-	-	-	-	-	-	-	3.5
	4-10	knots	-	-	0.5	0.9	2.8	7.9	5.9	6.9	2.4	2.0	1.9	0.8	32.1
	11-21	knots	-	-	0.4	2.8	9.8	2.7	11.8	14.4	8.3	3.5	1.6	0.8	56.2
	22-33	knots	-	-	-	-	-	-	0.3	3.4	3.6	0.9	-	-	8.2
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	0.3
	4-10	knots	1.6	2.2	-	-	-	-	0.4	1.5	1.3	1.9	1.2	2.1	12.4
	11-21	knots	1.0	10.1	-	-	-	1.3	4.3	18.0	17.7	6.4	4.0	3.6	66.5
	22-33	knots	0.1	0.1	-	-	-	1.0	3.7	4.6	7.7	2.7	0.7	-	20.8
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	9.3
	4-10	knots	3.2	1.3	2.7	6.6	4.6	7.8	4.3	3.9	3.4	2.7	2.8	1.6	44.9
	11-21	knots	-	2.3	4.8	4.7	1.1	1.7	3.2	4.4	8.7	6.7	1.2	0.4	39.4
	22-33	knots	-	0.1	3.9	0.5	-	-	-	0.1	0.9	0.8	-	-	6.5
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.9
	4-10	knots	2.9	1.5	0.6	0.4	4.4	7.8	3.2	5.0	2.5	6.0	5.1	9.6	49.0
	11-21	knots	0.1	9.3	6.5	0.4	-	0.3	0.3	4.2	5.4	3.8	2.6	1.1	34.0
	22-33	knots	-	-	6.9	-	-	-	-	0.8	0.4	3.3	0.4	-	11.9
	≥34	knots	-	-	0.1	-	-	-	-	-	-	-	-	-	0.1
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.1
	4-10	knots	2.0	5.8	4.4	1.3	2.4	2.8	3.2	6.6	3.0	4.2	4.4	7.5	47.7
	11-21	knots	-	2.7	2.3	0.8	1.2	5.2	4.8	7.9	17.1	5.0	3.2	0.3	50.5
	22-33	knots	-	-	-	-	-	-	-	0.1	0.5	-	-	-	0.7
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10	knots	3.1	2.1	0.6	0.1	1.5	5.0	6.9	6.7	3.5	8.2	11.3	7.1	56.0
	11-21	knots	0.7	-	1.0	1.9	-	0.3	2.1	2.9	12.1	10.3	5.6	3.3	40.1
	22-33	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.2
	4-10	knots	5.6	1.9	0.9	0.7	2.3	1.5	1.6	6.3	5.9	7.4	11.2	13.2	58.5
	11-21	knots	-	0.7	0.1	1.2	0.7	0.1	0.8	7.5	11.6	8.3	4.7	2.2	37.9
	22-33	knots	-	-	-	-	-	-	-	-	-	0.4	-	-	0.4
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.5
	4-10	knots	10.1	3.1	1.2	2.0	5.4	2.3	1.3	2.6	4.2	7.4	12.6	14.5	66.7
	11-21	knots	2.7	3.1	-	0.1	0.5	-	0.3	2.6	2.2	6.5	5.8	2.2	25.8
	22-33	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.2
	4-10	knots	4.0	8.5	6.7	7.2	5.4	3.3	1.0	1.3	4.9	2.1	2.6	3.2	50.1
	11-21	knots	-	6.7	24.9	3.6	1.0	-	-	2.5	4.3	1.8	1.9	-	46.7
	22-33	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	10.5
	4-10	knots	2.4	3.6	2.7	5.1	4.0	5.6	3.2	3.1	2.6	3.4	3.2	5.1	44.1
	11-21	knots	-	0.5	2.4	1.6	6.0	3.0	5.5	2.3	3.1	5.8	4.3	0.5	35.1
	22-33	knots	-	-	-	-	0.3	0.4	0.4	1.2	3.1	2.6	0.7	-	8.6
	≥34	knots	-	-	-	-	-	-	-	-	0.5	1.2	-	-	1.7
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10	knots	0.6	-	-	0.3	0.4	3.3	3.9	4.4	3.8	1.4	3.8	2.1	23.9
	11-21	knots	-	-	-	-	2.6	11.4	13.3	17.5	7.8	6.4	6.5	1.8	67.4
	22-33	knots	-	-	-	-	0.1	0.6	0.1	0.4	1.9	1.5	0.1	0.1	5.0
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.0
	4-10	knots	1.9	1.5	0.9	3.4	2.7	4.0	4.8	5.1	2.6	0.3	1.9	0.5	29.6
	11-21	knots	1.5	5.0	2.4	16.7	2.0	2.8	5.6	6.0	5.6	3.8	6.3	3.4	61.2
	22-33	knots	-	-	-	1.5	-	-	-	-	-	2.7	1.1	-	5.2
	≥34	knots	-	-	-	-	-	-	-	-	-	-	-	-	-
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.6
	4-10	knots	3.1	2.6	1.8	2.4	3.0	4.3	3.3	4.5	3.3	3.9	5.2	5.6	43.1
	11-21	knots	0.5	3.3	3.7	2.9	2.1	2.4	4.3	7.4	8.6	5.7	4.0	1.6	46.6
	22-33	knots	0.01	0.02	0.9	0.2	0.03	0.1	0.1	0.8	1.2	1.6	0.4	0.1	5.5
	≥34	knots	-	-	0.0	-	-	-	-	-	0.05	0.1	-	-	0.2
DIRECTION ONLY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.6
	4-10	knots	3.1	2.6	1.8	2.4	3.0	4.3	3.3	4.5	3.3	3.9	5.2	5.6	43.1
	11-21	knots	0.5	3.3	3.7	2.9	2.1	2.4	4.3	7.4	8.6	5.7	4.0	1.6	46.6
	22-33	knots	0.01	0.02	0.9	0.2	0.03	0.1	0.1	0.8	1.2	1.6	0.4	0.1	5.5
	≥34	knots	-	-	0.0	-	-	-	-	-	0.05	0.1	-	-	0.2

GUERNSEY AIRPORT MET OFFICE 2002**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					1.0				0.5	2.0	
2						4.0					5.5		
3						0.5							
4	2.5												
5	3.0						3.5	1.5					
6											1.5		
7		5.5				0.5	1.0						
8		6.0	5.0				10.0						
9							2.5				0.5		
10											9.0		
11	0.5					1.0		4.0					
12		10.0											
13	1.5		2.0			1.0							
14	2.0					5.0	3.0	2.5				2.0	
15								2.0					
16													
17					1.5	4.0							
18						1.5		0.5					
19			5.5					2.0					
20	2.5		1.5									7.5	
21			4.0									7.0	
22			4.5	0.5		0.5						2.5	
23			7.0	0.5			1.5	1.0					
24				11.5				1.0					
25	0.5	1.5					10.5						
26			0.5	0.5			5.5						
27													
28													
29							13.5					1.5	
30							4.0	3.0		3.5	1.0	0.5	
31			1.0										
Tot Hrs	12.5	23.5	31.0	13.0	1.5	18.0	56.0	17.5	0.0	3.5	18.0	23.0	217.5
Tot Days	7	5	9	4	1	9	11	9	0	1	6	7	69

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 2002**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							0.5						
2						1.0					1.5		
3													
4	0.5												
5	2.5						3.0			1.0			
6											0.5		
7		4.0											
8		6.0	4.5				5.0						
9							1.5						
10											1.0		
11						0.5		1.0					
12		5.0											
13	0.5					0.5							
14	0.5					3.5	1.5	0.5				1.5	
15								1.0					
16													
17					0.5								
18						1.0		0.5					
19								0.5					
20												5.0	
21			2.0									1.0	
22			1.0										
23			5.5				1.0						
24				8.0				1.0					
25							8.0						
26							1.5						
27													
28													
29							11.0						
30							3.5			2.0			
31													
Tot Hrs	4.0	15.0	13.0	8.0	0.5	6.5	36.5	4.5	0.0	3.0	3.0	7.5	101.5
Tot Days	4	3	4	1	1	5	10	6	0	2	3	3	42

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	2002	WETTEST DAY	DATE		
JAN	10.8	13.9	29th	6.9	0.0	1st	64.7	13.9	26th	86.4	6.1
FEB	11.4	14.4	2nd	7.6	2.9	17th	105.4	27.4	4th	81.2	6.1
MAR	12.8	16.7	29th	7.5	2.5	28th	68.3	16.2	17th	84.6	5.6
APR	14.2	18.6	21st	8.4	5.6	16th	20.4	9.1	30th	77.3	5.3
MAY	16.9	26.9	16th	10.2	6.9	4th	66.5	11.0	25th	78.3	5.2
JUN	18.3	23.6	1st	12.3	9.2	4th	67.9	19.5	11th	80.1	5.7
JUL	19.7	25.5	19th	14.0	11.6	18th	50.0	19.2	8th	85.1	5.4
AUG	20.6	25.2	14th	14.8	12.3	2nd	42.0	10.9	4th	85.4	5.1
SEP	20.0	22.5	13th	13.5	9.8	25th	17.2	7.1	6th	78.6	4.4
OCT	16.4	19.1	2nd	11.6	7.0	19th	102.3	33.2	16th	80.7	6.0
NOV	13.8	16.4	2nd	10.5	7.7	18th	129.9	14.9	13th	84.1	6.3
DEC	10.8	13.6	26th	7.7	1.7	10th	136.0	31.5	21st	86.7	6.5
YEAR	15.5	26.9	16-May	10.4	0.0	01-Jan	870.6	33.2	16-Oct	82.4	5.6

REPORT FOR L'ANCRESSE

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS	
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	2002	WETTEST DAY	DATE		
JAN	11.0	15.5 *	29th	6.6	0.5	11th	63.6	12.0	26th	62.2	
FEB	11.6	14.7	2nd	7.7	3.8	17th	112.2	25.9	4th	82.8	
MAR	12.6	15.6	30th	7.4	1.1	1st	77.9	18.2	17th	121.0	
APR	14.0	17.1	21st	8.2	2.4	16th	19.3	8.1	30th	202.1	
MAY	16.5	26.0	16th	10.4	6.4	2nd	59.6	10.6	25th	265.1	
JUN	18.1	22.3	2nd, 17th	12.2	9.2	4th	65.7	15.1	11th	201.5	
JUL	19.6	24.0	19th	13.9	11.5	22nd	48.1	18.9	8th	226.0	
AUG	20.6	24.2	14th	14.8	11.2	24th	36.2	9.8	4th	222.9	
SEP	19.7	21.5	3rd	14.5	11.5	10th	31.3	10.6	9th	223.6	
OCT	16.8	20.7	2nd	11.6	2.6	19th	77.7	16.4	16th	132.6	
NOV	14.1	16.6	2nd	10.2	5.1	25th	133.5	17.2	6th	85.9	
DEC	11.0	13.7	24th	7.8	1.7	10th	127.6	34.0	21st	37.8	
YEAR	15.5	26.0	16-May	10.5	0.5	11-Jan	852.7	34.0	21-Dec	1863.5	

* New Record

Note:- Sunshine figures have been adversely affected at times by a nearby tree and roof.

REPORT FOR SARK

MONTH	TEMPERATURE °C		RAINFALL (mm)	SUNSHINE (hrs)
	MEAN MAXIMUM	MEAN MINIMUM		
JAN	10.2	6.6	75.8	67.0
FEB	10.8	6.8	138.4	87.4
MAR	12.1	7.3	59.6	139.1
APR	14.3	7.9	19.6	216.2
MAY	15.8	9.5	68.3	279.2
JUN	18.2	11.5	76.9	222.9
JUL	19.5	13.4	75.1	256.2
AUG	20.9	14.4	40.1	239.8
SEP	19.8	14.5	58.0	233.0
OCT	15.3	11.2	76.6	135.5
NOV	13.6	9.2	140.6	87.6
DEC	10.4	7.3	110.4	42.3
YEAR	15.1	9.9	939.4	2006.2

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. JANUARY 2002

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	<u>1037.1</u>	<u>4.1</u>	<u>2.0</u>	<u>3.1</u>	-1.3	5.9	8.3	130	13	13.5	28	NIL	6.9	Fair or fine, ocnl dry air		
VED	2	1026.0	6.7	2.9	4.8	-0.3	<u>5.4</u>	8.1	130	16	16.1	31	TR	1.7	Fair, dry air bec mainly cloudy. Slight rain late		
THU	3	1020.4	6.6	3.9	5.3	2.1	5.5	7.9	120	16	13.7	25	NIL	3.7	Cloudy, slight rain early bec fair mid am. Mainly cloudy pm. Fine late		
FRI	4	1024.3	8.1	3.1	5.6	0.8	5.6	7.7	150	11	10.0	21	NIL	NIL	Fine, dew bec cloudy. Fog patches late am. Tempo thick fog early pm		
SAT	5	1033.8	9.2	7.4	8.3	6.3	6.1	<u>7.6</u>	180	07	6.7	14	0.1	NIL	Cloudy, mist. Ocnl thick fog mid am. Cloudy. Mist or haze. Rain late		
SUN	6	1036.8	10.0	5.8	7.9	3.0	6.6	<u>7.6</u>	160	05	4.6	11	NIL	6.4	Cloudy, slt rain & mist bec fine, dew. Fair bec fine pm. Haze. Dew		
MON	7	1033.4	8.4	4.2	6.3	-2.1	6.6	7.7	100	05	8.7	27	NIL	0.2	Fair, mist & dew bec cloudy. Fair late		
TUE	8	1028.9	5.1	2.8	4.0	1.4	6.3	7.7	090	13	12.2	30	TR	NIL	Fair bec cloudy. Slt rain late		
VED	9	1031.2	6.9	3.4	5.2	1.1	6.0	7.7	140	05	6.9	18	4.0	NIL	Sleet shwr early. Cloudy bec haze. Slt shwrs. Hvy rain evng. Hail		
THU	10	1030.0	7.9	5.2	6.6	1.2	6.2	<u>7.6</u>	190	08	7.8	19	2.5	0.1	Fair bec cloudy. Ocnl rain or shwrs. Hvy shwr early pm		
FRI	11	1030.3	10.2	4.8	7.5	<u>-4.4</u>	6.2	<u>7.6</u>	—	<u>00</u>	<u>3.6</u>	14	TR	<u>8.0</u>	Cloudy, slt shwr early bec fine. Hoar frost. Adj fog. Tempo fog evng		
SAT	12	1029.3	9.7	5.2	7.5	-2.2	6.3	<u>7.6</u>	160	15	11.7	25	2.5	0.5	Fine, dew bec cloudy. Fog patch. Mist or haze. Rain evng		
SUN	13	1024.0	11.6	8.1	9.9	6.5	6.8	<u>7.6</u>	210	08	8.1	17	1.5	2.1	Cloudy, mist. Ocnl fair. Rain or drzl evng. Ocnl fog		
MON	14	1026.0	10.4	8.7	9.6	5.2	7.4	<u>7.6</u>	210	08	8.4	23	6.0	0.1	Cloudy. Fog patches from mid am. Cloudy. Rain & drzl evng. Fog later		
TUE	15	1019.1	10.8	6.2	8.5	5.7	7.7	7.8	300	11	11.5	28	2.8	4.6	Cloudy, rain & mist bec fair. Shwrs early pm. Slt hail shwr. Fine evng		
VED	16	1024.2	10.5	4.2	7.4	-2.8	7.2	7.9	220	07	8.6	20	0.1	1.1	Fine, slt dew bec fair. Cloudy mid am. Drzl late am. Tempo fair early pm		
THU	17	1018.1	9.8	7.7	8.8	6.3	7.4	7.9	200	14	11.1	27	0.6	0.1	Cloudy, tempo slt rain am. Slt rain or drzl early pm. Fine evng, dew		
FRI	18	1021.4	9.0	4.2	6.6	-3.9	7.3	7.9	180	07	10.6	28	5.5	1.2	Fair or fine, dew. Slt hoar fost. Cloudy late am. Mod rain evng		
SAT	19	1017.1	11.1	7.7	9.4	5.5	7.4	7.9	240	12	14.7	33	1.7	2.8	Cloudy bec fair. Shwrs. Slt hail shwr am. Cloudy, ocnl fair, shwrs		
SUN	20	1018.1	11.0	9.4	10.2	5.7	7.5	8.0	200	15	17.6	34	2.7	NIL	Cloudy, tempo fair early. Rain & drzl pm. Fog patches evng		
MON	21	1013.7	11.6	8.6	10.1	9.1	8.1	8.0	170	10	15.0	30	3.1	6.1	Cloudy, mist & drzl early bec fair or fine. Cloudy by evng		
TUE	22	1008.9	9.8	7.3	8.5	5.0	8.1	8.2	240	15	16.3	32	4.3	0.4	Cloudy, tempo fair. Hvy shwrs am		
VED	23	<u>992.8</u>	12.1	8.4	10.3	6.7	8.0	8.3	180	15	20.7	42	8.9	1.6	Cloudy, ocnl rain. Ocnl fair am. Cloudy pm, shwrs. Hvy shwrs evng		
THU	24	1000.0	11.4	7.0	9.2	7.4	8.3	8.3	270	<u>21</u>	19.0	39	0.1	2.9	Cloudy, rain or shwrs. Ocnl fair. Fair evng		
FRI	25	1016.8	11.4	5.1	8.3	-2.0	8.1	8.4	180	12	15.0	39	4.8	NIL	Slt rain mid am. Mod rain & drzl, fog patch. Ocnl rain, drzl & mist		
SAT	26	1009.3	12.0	10.1	11.1	7.7	8.3	8.4	200	18	<u>24.3</u>	<u>49</u>	<u>16.0</u>	NIL	Fair or fine bec cloudy. Ocnl rain or drzl. Gale midday. Hvy rain evng		
SUN	27	1008.7	12.1	<u>10.8</u>	<u>11.5</u>	<u>9.7</u>	8.7	8.6	240	16	23.3	44	1.3	NIL	Cloudy, rain, drzl & mist am. Cloudy, mist pm bec haze		
MON	28	1019.6	12.2	9.2	10.7	6.6	<u>9.1</u>	8.6	240	19	19.3	45	0.1	7.7	Cloudy, drzl early. Tempo drzl & rain mid am bec fine. Fair late, dew		
TUE	29	1023.7	<u>12.8</u>	8.8	10.8	5.7	9.0	8.7	200	10	10.9	21	TR	3.4	Fair, dew bec cloudy, slt drzl & mist. Fair bec cloudy pm. Drzl evng		
VED	30	1016.1	11.8	9.7	10.8	7.9	<u>9.1</u>	8.8	180	11	13.7	26	1.6	NIL	Cloudy, mist bec haze. Rain & drzl pm. Mist. Fair late		
THU	31	1018.4	11.7	8.5	10.1	4.8	<u>9.1</u>	<u>8.9</u>	200	15	16.3	35	4.6	5.1	Fair or fine, dew. Bec cloudy pm, slt rain. Hvy rain evng		
MEAN		1021.2	9.9	6.5	8.2	3.3	7.3	8.0	S	11.5	12.9	TOTAL	74.8	66.7			
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			
		18	17	1	2	0	0	0	8	9	1	1	9				
RECORDS FROM JANUARY 1947														RAINFALL	74.8 mm	SUNSHINE	66.7 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	18	SUNLESS DAYS	9				
DAY/YEAR	11th/2001	YEAR	1992	DAY/YEAR	20th/1963	YEAR	1993	YEAR	1998	WET DAYS	17						
ETTEST 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 AT GUERNSEY AIRPORT. FEBRUARY 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER					
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)										
			mb																	
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs						
FRI	1	1012.0	12.4	9.9	11.2	7.4	9.0	9.0	200	20	20.0	38	TR	NIL	Cloudy, ocnl slt rin or drzl am. Cloudy pm					
SAT	2	1013.2	<u>13.0</u>	10.4	<u>11.7</u>	7.9	9.1	9.0	180	14	16.5	35	2.2	2.9	Fair. Mainly cloudy by late am. Rain pm, tempo mod rain evng					
SUN	3	1007.1	11.0	5.2	8.1	6.9	9.2	9.1	190	11	14.3	38	11.8	NIL	Cloudy, tempo fine early. Rain late am. Mod rain. Shwrs evng					
MON	4	1012.7	11.8	6.9	9.4	4.3	8.7	9.1	180	19	19.6	47	<u>31.6</u>	NIL	Shwrs early. Mod rain late am. Rain or drzl. Tempo hvy rain. Fog late					
TUE	5	1001.4	11.6	6.9	9.3	9.3	9.0	9.1	230	18	17.2	37	6.5	5.3	Hvy rain & fog early. Cloudy bec fine late am. Rain & hail shwrs evng					
WED	6	1009.3	9.8	5.4	7.6	3.4	8.7	9.1	310	22	16.5	34	TR	6.9	Hvy rain & hail shwr, T&L early. Fair, ocnl fine from mid am					
THU	7	1022.0	10.8	3.9	7.4	-3.1	8.1	9.1	200	16	13.0	28	3.7	NIL	Fine early bec cloudy mid am. Rain pm bec rain, drzl & fog.					
FRI	8	1022.0	11.7	<u>10.5</u>	11.1	9.2	8.5	9.0	230	14	15.3	29	1.9	0.2	Drzl & fog. Ocnl thick fog am. Tempo fair pm. Drzl later					
SAT	9	1011.5	11.7	8.1	9.9	9.0	8.9	8.9	230	18	18.4	36	3.2	1.0	Cloudy, drzl & mist. Fog patch. Rain late am. Shwrs pm, ocnl fair					
SUN	10	1015.4	11.1	9.3	10.2	5.5	8.8	9.0	270	11	17.9	38	0.3	0.3	Cloudy, tempo fair. Tempo shwrs am					
MON	11	1009.3	11.7	10.4	11.1	8.5	9.1	9.1	220	20	20.3	36	3.5	NIL	Cloudy ocnl slt rain am. Rain or drzl pm. Mist					
TUE	12	1015.2	11.3	9.1	10.2	<u>9.8</u>	9.2	9.1	220	13	13.5	29	12.2	NIL	Cloudy, mist & drzl, bec fog. Rain & drzl pm. Mod to hvy rain evng					
WED	13	1019.0	9.3	7.3	8.3	7.2	<u>9.3</u>	9.1	330	07	10.4	28	TR	2.5	Cloudy, rain am bec fair pm					
THU	14	1028.1	8.1	5.4	6.8	3.6	8.8	9.1	020	19	18.0	35	NIL	7.5	Cloudy, slt shwr early bec fair or fine					
FRI	15	<u>1033.5</u>	<u>7.1</u>	2.9	<u>5.0</u>	0.0	7.9	<u>9.2</u>	030	15	14.7	28	NIL	8.9	Fair bec fine late am					
SAT	16	1030.8	9.5	4.9	7.2	1.3	7.4	9.1	040	13	12.1	25	TR	<u>9.7</u>	Fine					
SUN	17	1024.3	7.5	<u>2.6</u>	5.1	<u>-3.9</u>	<u>7.3</u>	8.8	030	<u>02</u>	<u>5.6</u>	14	5.1	4.2	Fine, slt hoar frost mid am bec fair to cloudy. Tempo fine evng					
MON	18	1026.0	9.1	3.6	6.4	-1.6	<u>7.3</u>	8.7	330	15	13.0	26	TR	8.2	Cloudy, hvy rain early bec fair or fine					
TUE	19	1027.7	10.3	7.1	8.7	3.4	7.4	<u>8.5</u>	280	19	20.6	39	12.9	0.1	Fine bec cloudy. Slt rain mid am. Shwrs pm. Rain & drzl evng					
WED	20	1006.8	11.1	8.0	9.6	7.5	7.9	<u>8.5</u>	270	<u>25</u>	<u>27.0</u>	47	1.3	3.4	Cloudy, mod rain bec drzl & rain. Fine midday. Shwrs pm					
THU	21	1025.2	8.6	4.1	6.4	0.7	7.8	<u>8.5</u>	010	05	12.4	36	1.5	0.8	Fair bec cloudy. Rain & drzl late evng. Mist later					
FRI	22	1011.1	11.7	7.8	9.8	6.1	7.9	<u>8.5</u>	260	22	23.2	39	2.1	1.6	Cloudy, drzl & mist am. Ocnl fair pm. Shwr late evng					
SAT	23	1011.5	9.8	6.6	8.2	4.2	8.0	8.6	280	23	24.0	<u>51</u>	0.9	4.2	Fair to cloudy, shwrs					
SUN	24	1018.1	10.5	5.2	7.9	1.9	7.7	<u>8.5</u>	240	08	16.3	36	4.3	NIL	Fair bec cloudy. Rain or drzl late am to early pm. Drzl later					
MON	25	1008.6	10.6	9.6	10.1	7.8	8.0	<u>8.5</u>	230	16	19.5	37	14.6	NIL	Cloudy, rain or drzl & fog patches am. Rain & drzl evng, mist					
TUE	26	<u>999.1</u>	11.4	6.7	9.1	7.2	8.5	<u>8.5</u>	250	22	22.0	44	7.8	2.7	Cloudy, rain early bec fair mid am. Cloudy late am. Shwrs pm					
WED	27	1004.0	9.3	4.5	6.9	2.1	8.1	<u>8.5</u>	240	14	20.7	42	4.7	7.8	Fair, ocnl cloudy. Shwrs. Hvy shwr early pm. Hail. Lghtng late					
THU	28	1001.4	9.0	4.4	6.7	2.4	7.6	<u>8.5</u>	260	18	20.0	50	2.3	3.0	Mainly cloudy am, shwrs. Hail & lghtng early. Ocnl fair pm					
MEAN		1015.2	10.4	6.7	8.5	4.6	8.3	8.8	SW	15.7	17.2	TOTAL	134.4	81.2						
30 YEAR AVE. 1971-00		1017.0	8.2	4.4	6.3	2.5	6.4	7.3	SW	13.4	13.3	////	76.5	78.4						
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE						
		21	19	0	4	1	3	0	3	8	2	0	8							
RECORDS FROM JANUARY 1947															RAINFALL		209.2 mm	SUNSHINE		147.9 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	39	SUNLESS DAYS		17		
DAY/YEAR	18th/1978	YEAR		1965	DAY/YEAR		21st/48,7th/91	YEAR		1990	YEAR		1959	WET DAYS	36					
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 AT GUERNSEY AIRPORT. MARCH 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
				MAX	MIN	MEAN	MIN	30cm	100cm		9a.m.	9a.m.				MEAN	MAX	
		at 9a.m.							9a.m.	9a.m.			mm	hrs				
FRI	1	1007.3	8.5	5.5	7.0	-0.9	7.4	8.5	060	05	12.6	38	TR	2.0	Shwrs early bec fair. Cloudy late am. Slt shwr rain & small hail late			
SAT	2	1018.3	7.2	3.6	5.4	1.6	7.3	8.5	030	13	13.6	37	TR	9.3	Cloudy bec fair or fine. Cloudy late			
SUN	3	1022.1	9.3	4.7	7.0	-1.3	7.0	8.4	290	01	2.5	09	NIL	0.4	Cloudy, tempo fair early. Slt rain mid am. Fair or fine evng. Shallow fog			
MON	4	1021.2	10.3	4.6	7.5	-2.5	6.9	8.3	130	03	3.6	11	TR	1.9	Fine, shallow fog, hoar frost bec fair to cloudy			
TUE	5	1017.4	10.5	6.3	8.4	3.4	7.2	8.2	010	05	8.1	17	NIL	5.1	Cloudy, slt rain mid am. Fair bec fine pm			
WED	6	1015.1	11.0	6.3	8.7	1.9	7.4	8.2	260	16	17.3	30	TR	0.7	Fair bec cloudy. Slt rain or drzl pm. Mist			
THU	7	1022.2	12.8	8.9	10.9	8.9	8.0	8.1	280	18	14.6	29	NIL	6.6	Cloudy, mist early. Slt drzl bec fair, haze. Fine evng, dew later			
FRI	8	1028.4	11.2	8.3	9.7	3.3	8.5	8.3	210	07	8.2	21	0.8	NIL	Cloudy, fog patches am. Slt rain late			
SAT	9	1017.5	11.0	5.4	8.2	-1.0	8.5	8.4	240	14	15.7	36	NIL	8.8	Cloudy, rain or drzl early bec fair or fine			
SUN	10	1015.8	12.3	6.9	9.6	2.1	8.3	8.5	190	16	15.0	30	0.5	3.8	Fair or fine bec cloudy. Ocnl fair pm. Rain later			
MON	11	1012.1	11.7	9.0	10.4	6.8	8.5	8.6	190	13	8.0	20	11.4	1.3	Cloudy, rain early. Ocnl fair late am. Heavy rain evening. Fair, dew later			
TUE	12	1012.9	12.0	7.7	9.9	-0.5	8.6	8.5	080	08	9.1	19	0.1	0.5	Fair, ocnl fine early, dew. Shallow fog. Cloudy, haze. Slt rain evng			
WED	13	1010.5	9.6	7.4	8.5	7.3	8.8	8.6	070	23	22.9	45	TR	NIL	Cloudy, mist. Fog patches am. Tempo slt rain. Haze pm			
THU	14	1002.2	8.2	6.1	7.2	5.8	8.5	8.7	070	27	22.2	45	2.8	NIL	Cloudy. Rain & haze pm. Tempo mod rain evening			
FRI	15	1003.3	12.1	8.2	10.2	4.7	8.2	8.7	170	09	8.5	18	7.2	4.2	Cloudy, slt drzl early bec fair, mist & dew. Heavy shwrs evening			
SAT	16	1008.7	11.8	8.4	10.1	4.9	8.6	8.6	120	08	7.5	17	0.1	3.3	Fair, dew bec cloudy. Slt rain. Fair pm. T&L evng. Mist late			
SUN	17	1005.4	11.3	8.6	10.0	3.6	9.0	8.8	170	12	12.1	30	23.4	3.6	Cloudy, mist. Slt rain early bec fair. Hvy rain early pm. Cloudy			
MON	18	992.6	12.3	8.2	10.3	5.1	9.0	8.8	200	19	17.5	47	13.5	4.8	Fair, dew bec cloudy. Hvy rain mid am. Sunny periods. Rain evng, mist			
TUE	19	1005.1	11.5	8.7	10.1	7.6	9.2	8.9	250	15	15.4	36	3.7	NIL	Overcast, rain & mist. Ocnl fog. Mist & drzl pm. Ocnl fog			
WED	20	1017.4	12.5	10.8	11.7	10.1	9.5	9.0	240	17	18.1	32	11.4	NIL	Cloudy, mist, drzl & fog patches am. Haze pm. Drzl & fog patches evng			
THU	21	1021.6	11.7	9.1	10.4	9.8	9.7	9.2	260	08	10.4	23	10.0	3.1	Overcast, fog bec thick fog & drzl. Tempo hvy rain am bec fair pm			
FRI	22	1029.5	12.0	9.3	10.7	6.9	9.7	9.2	270	08	6.4	19	TR	NIL	Cloudy, mist. Ocnl fog am. Tempo slight rain pm			
SAT	23	1031.3	12.8	8.7	10.8	5.5	10.0	9.3	090	06	7.4	18	NIL	4.0	Cloudy, mist. Tempo thick fog am. Ocnl fair. Fog patches. Haze evng			
SUN	24	1033.0	10.2	6.9	8.6	4.4	10.1	9.4	140	10	8.7	19	NIL	3.6	Fine, slt dew bec fair to cloudy			
MON	25	1030.3	12.2	6.9	9.5	2.0	9.7	9.5	180	05	4.6	11	NIL	9.7	Mainly fair or fine. Dry air pm			
TUE	26	1030.9	11.7	5.8	8.8	0.4	9.7	9.6	040	07	7.6	19	NIL	9.0	Fair, haze & dew bec mist. Fog patch am. Mainly fair, haze bec fine			
WED	27	1032.0	10.7	6.3	8.5	0.5	9.5	9.7	060	08	11.3	22	NIL	6.6	Fair or fine, ocnl cloudy am. Haze & dew late evng			
THU	28	1024.7	11.9	5.9	8.9	1.9	9.2	9.7	080	14	12.3	23	NIL	11.1	Fine, haze. Ocnl dry air			
G.FRI	29	1020.4	14.8	7.0	10.9	3.1	9.1	9.6	130	08	8.2	18	NIL	10.7	Fine, haze am. Dry air pm. Fair late evening			
SAT	30	1020.9	14.5	8.1	11.3	4.3	9.5	9.6	160	08	6.2	15	0.8	9.4	Fine, ocnl fair am. Haze			
SUN	31	1019.0	10.6	8.2	9.4	4.8	9.9	9.6	220	10	7.7	17	0.7	NIL	Cloudy, mist bec rain. Fog patches am. Cloudy, ocnl slt rain pm			
MEAN		1017.7	11.3	7.3	9.3	3.7	8.7	8.9	S	11.0	11.1	TOTAL	86.4	123.5				
30 YEAR AVE. 1971-00		1016.7	9.6	5.2	7.4	2.7	7.5	7.8	W	12.9	12.6	////	66.7	126.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		12	8	0	1	1	1	0	5	9	5	0	7					
RECORDS FROM JANUARY 1947															RAINFALL	295.6 mm	SUNSHINE	271.4 hrs
WETTEST DAY	30.0mm	DRIEST MONTH	2.7mm	LOWEST MIN	-2.2°C	WARMEST MNTH	10.3°C	SUNNIEST MNTH	206.1hrs	RAIN DAYS	51	SUNLESS DAYS	24					
DAY/YEAR	28th/1960	YEAR	1961	DAY/YEAR	10th/11th/1958	YEAR	1957	YEAR	1973	WET DAYS	44							
WETTEST MNTH	179.6mm	HIGHEST MAX	19.4°C	LOWEST GRASS	-9.4°C	COLDEST MNTH	4.4°C	DULLEST MNTH	67.4hrs									
YEAR	2001	DAY/YEAR	29th/1965	DAY/YEAR	3rd/1965	YEAR	1962	YEAR	1964									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT, APRIL 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			mb															
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
E.MO	1	1014.4	12.9	8.6	10.8	5.2	10.1	9.7	180	08	6.3	14	TR	1.6	Cloudy bec mist then haze. Tempo fair pm			
TUE	2	1009.5	15.5	7.5	11.5	3.8	10.3	9.8	130	06	6.0	17	TR	5.1	Cloudy, ocnl fair early. Fog patch. Mist. Fair pm. T&L evng. Slt shwr			
WED	3	1004.9	10.9	8.9	9.9	6.6	10.7	9.9	340	08	7.0	15	0.2	NIL	Fair, haze & dew bec cloudy. Ocnl slt rain			
THU	4	1010.0	12.0	8.4	10.2	7.8	10.3	10.1	340	12	9.9	19	TR	5.2	Cloudy, slt rain. Tempo mist. Fair pm, haze			
FRI	5	1005.6	12.9	7.0	10.0	1.4	10.3	10.1	130	05	6.8	19	NIL	8.4	Fair, ocnl cloudy early pm. Cloudy later, haze			
SAT	6	1008.1	11.3	8.7	10.0	5.8	10.6	10.2	080	18	22.9	45	NIL	10.6	Cloudy bec fair then fine. Haze early. Dry air pm			
SUN	7	1014.4	11.5	7.3	9.4	4.9	9.9	10.3	070	28	27.2	49	NIL	10.8	Fair bec fine. Dry air late am. Tempo gale early pm. Fair. Fine later			
MON	8	1021.0	11.4	7.2	9.3	4.7	9.5	10.2	060	17	17.0	31	NIL	9.9	Fine, ocnl fair. Haze			
TUE	9	1023.8	12.1	7.6	9.9	4.5	9.6	10.1	050	13	12.4	24	TR	8.1	Fine bec haze. Fair pm, tempo cloudy evng			
WED	10	1017.5	11.2	5.8	8.5	3.3	9.6	10.1	040	20	21.0	41	NIL	8.3	Fair, ocnl cloudy am. Slt shwrs mid am. Fine pm. Dry air			
THU	11	1009.1	10.9	7.3	9.1	5.2	9.3	10.0	050	19	17.8	33	NIL	9.9	Fine bec fair, haze. Fine pm			
FRI	12	1009.2	11.4	6.3	8.9	2.0	9.2	10.0	020	15	11.0	24	NIL	11.5	Fine. Dry air late am. Cloudy late pm			
SAT	13	1012.5	9.5	5.8	7.7	3.0	9.4	9.9	010	12	9.7	23	TR	9.8	Fair, tempo cloudy. Dry air evng			
SUN	14	1015.1	11.0	5.7	8.4	-1.8	9.2	9.8	310	07	8.5	17	TR	1.6	Cloudy, slt shwrs early. Tempo fair. Slt rain evng. Fair later			
MON	15	1018.1	10.9	5.1	8.0	-0.9	9.4	9.9	360	08	6.7	15	NIL	10.7	Mainly fair am. tempo slt shwr. Fine pm, tempo dry air			
TUE	16	1019.4	11.8	3.9	7.9	-4.5	9.5	9.9	220	08	5.3	14	NIL	12.0	Fine, slt hoar frost early bec fair			
WED	17	1016.0	11.0	8.0	9.5	3.2	10.1	9.9	160	10	9.0	24	3.7	4.8	Cloudy bec fine, dew then fair. Cloudy by pm. Rain. Fair evng			
THU	18	1018.9	11.7	7.1	9.4	2.3	9.9	10.0	220	08	9.6	23	0.3	7.1	Fair, ocnl cloudy. Shwrs bec fine pm			
FRI	19	1023.9	12.6	5.5	9.1	-0.8	9.9	10.0	270	07	6.1	15	0.6	10.9	Fine, dew. Fair late am. Cloudy late pm			
SAT	20	1029.9	13.4	8.8	11.1	5.2	10.2	10.1	130	08	6.3	17	TR	5.2	Cloudy. Slt rain early. Fair pm			
SUN	21	1034.2	16.5	9.9	13.2	6.4	10.7	10.2	160	09	7.0	16	NIL	9.9	Fair, dew early. Ocnl cloudy pm. Dry air			
MON	22	1033.7	15.3	9.0	12.1	2.8	11.1	10.3	230	07	8.9	19	TR	9.6	Fair, ocnl dry air am. Bec cloudy pm. Tempo drzl & fog patch evng			
TUE	23	1035.4	11.4	9.0	10.2	6.4	11.4	10.4	340	04	5.4	16	0.2	NIL	Cloudy, mist early. Fog patch evng. Drzl & thick fog later			
WED	24	1031.1	14.5	8.1	11.3	8.7	11.3	10.6	130	04	3.4	14	0.1	3.8	Thick fog & drzl am. Bec fine, adj fog pm. Thick fog evng			
THU	25	1026.8	13.1	7.7	10.4	5.9	11.8	10.7	330	08	8.5	16	2.7	6.7	Thick fog early, tempo drzl, bec cloudy. Mist bec haze. Fair pm			
FRI	26	1009.6	13.5	9.2	11.4	6.4	11.7	10.9	220	22	18.6	37	0.4	5.9	Cloudy, rain. Ocnl mod rain & drzl am. Bec fair or fine pm			
SAT	27	1017.3	11.6	8.2	9.9	5.3	11.2	11.0	260	16	17.2	32	4.6	2.8	Fair or fine bec cloudy. Slt shwrs. Ocnl fair. Rain late pm			
SUN	28	1001.5	12.9	8.1	10.5	7.5	11.0	11.0	250	16	20.3	38	0.2	4.6	Rain & drzl, tempo hvy rain early. Ocnl fair from late am. Hail late			
MON	29	1008.0	13.0	7.3	10.2	4.3	10.8	11.0	270	28	23.1	47	0.3	9.6	Mainly fair. Shwrs early. Dry air pm. Cloudy late evng. Rain later			
TUE	30	1002.7	12.0	9.1	10.5	6.4	10.9	10.9	190	19	17.9	37	9.0	0.8	Cloudy. Rain or drzl & mist late am, early pm. Hvy shwr late pm			
MEAN		1016.7	12.3	7.5	9.9	4.0	10.3	10.2	N	12.3	11.9	TOTAL	22.3	205.2				
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	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		11	4	0	1	1	1	0	4	6	1	1	2					
RECORDS FROM JANUARY 1947															RAINFALL	317.9 mm	SUNSHINE	476.6 hrs
WETTEST DAY	27.9mm	DRIEST MONTH		2.9mm	LOWEST MIN		-1.4°C	WARMEST MNTH		10.9°C	SUNNIEST MNTH		280.4hrs	RAIN DAYS	62	SUNLESS DAYS	26	
DAY/YEAR	3rd/2000	YEAR		1980	DAY/YEAR		11th/1986	YEAR		1961	YEAR		1984	WET DAYS	48			
WETTEST MNTH	130.4mm	HIGHEST MAX		23.0°C	LOWEST GRASS		-7.0°C	COLDEST MNTH		6.4°C	DULLEST MNTH		122.2hrs					
YEAR	1966	DAY/YEAR		22nd/1984	DAY/YEAR		5th/1990	YEAR		1986	YEAR		1981					

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. MAY 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
			mb														
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs			
WED	1	1006.4	12.9	7.4	10.2	4.7	10.6	10.9	280	13	11.0	23	NIL	13.0	Heavy showers early bec fair		
THU	2	1009.8	12.3	5.8	9.1	-1.3	10.9	10.9	330	06	7.3	18	TR	13.6	Fair, dew early bec fine pm		
FRI	3	1019.5	13.1	7.5	10.3	3.4	11.1	10.9	360	05	8.1	19	TR	10.5	Fine, dew early. Dry air late am. Ocnl cloudy pm, slt shwr		
SAT	4	1021.7	12.7	6.6	9.7	-0.2	11.3	11.0	060	10	7.7	20	TR	11.1	Fine, dew bec fair. Tempo cloudy late am, slt shwr		
SUN	5	1026.2	12.0	6.7	9.4	-1.3	11.1	11.0	050	08	5.5	13	TR	3.7	Fine, dew early bec cloudy. Slt rain or shwrs midday bec fair pm		
MON	6	1022.5	11.9	6.7	9.3	-0.7	11.0	11.0	030	07	6.7	14	TR	6.7	Fair bec cloudy. Mainly fair pm		
TUE	7	1021.7	14.5	8.1	11.3	4.9	11.1	11.1	030	06	8.7	18	TR	8.3	Fair bec cloudy, tempo slt rain. Fair late am. Fine by evng. Haze & dew		
WED	8	1017.1	15.0	9.5	12.3	7.0	11.2	11.0	040	13	13.5	34	NIL	7.0	Fair or fine, dew. Haze. Fair late am		
_IB.D	9	1013.5	12.5	9.6	11.1	8.3	11.5	11.0	020	10	9.3	20	NIL	1.3	Fair, haze & dew bec cloudy		
FRI	10	1011.3	15.1	9.6	12.4	7.1	11.6	11.2	310	14	12.6	24	NIL	9.8	Cloudy, mist & dew bec fair. Haze		
SAT	11	1013.4	14.9	9.7	12.3	6.8	11.8	11.2	290	09	8.0	17	NIL	11.2	Fair, dew early bec fine by evening. Mist & dew later		
SUN	12	1014.4	14.6	8.0	11.3	2.6	12.2	11.4	150	06	7.5	23	5.2	8.7	Fair or fine, mist & dew early. Cloudy mid pm. Rain late evng		
MON	13	1006.0	13.7	10.6	12.2	9.2	12.7	11.5	140	16	13.7	28	5.4	NIL	Cloudy, slt rain early. Mod rain mid am & early pm. Tempo hvy rain		
TUE	14	1014.8	14.2	10.7	12.5	9.3	12.2	11.6	230	15	15.4	30	NIL	7.2	Cloudy. Shwr mid am. Fair late am. Tempo cloudy		
WED	15	1025.4	17.0	10.7	13.9	8.1	12.4	11.7	200	07	8.3	15	NIL	13.7	Fair or fine, dew. Tempo cloudy early. Dry air evng		
THU	16	1017.4	25.6	13.7	19.7	10.4	13.0	11.9	130	11	10.6	23	1.8	12.3	Fine bec fair. Dry air late am		
FRI	17	1005.8	23.7	12.1	17.9	12.1	14.1	12.0	320	10	9.7	31	1.3	3.7	Fair, bec cloudy mid am. T&L, hvy rain. Ocnl fair. Slt rain. Fog later		
SAT	18	1016.9	15.2	9.8	12.5	9.3	13.9	12.3	240	15	13.3	28	0.8	11.1	Cloudy, drzl & mist early bec fair. Fine pm. Drzl & fog later		
SUN	19	1019.5	16.2	11.4	13.8	8.9	13.9	12.5	190	09	8.4	18	NIL	4.8	Cloudy, mist early. Ocnl fair		
MON	20	1011.8	16.3	12.0	14.2	9.7	13.9	12.7	170	11	10.1	21	0.2	2.9	Cloudy, tempo fair. Slt shower pm		
TUE	21	1001.0	14.7	10.4	12.6	7.8	13.8	12.8	170	12	12.1	32	9.7	4.4	Cloudy bec fair. Cloudy again late am. Mod rain pm		
WED	22	993.8	15.2	11.5	13.4	9.2	13.4	12.8	190	18	13.7	27	1.0	7.0	Fair bec cloudy. Shwrs, bec fair pm		
THU	23	1007.5	14.8	11.0	12.9	9.2	13.3	12.8	240	14	12.7	23	9.1	11.2	Cloudy early bec fair, ocnl fine. Cloudy late evng. Slt rain late		
FRI	24	1005.4	14.6	10.5	12.6	9.4	13.5	12.8	240	15	17.7	37	3.3	9.6	Cloudy, rain. Tempo hvy rain early bec fair. Ocnl fine. Shwrs late, hail		
SAT	25	1012.7	14.4	8.7	11.6	6.4	13.3	12.8	230	14	15.4	44	9.9	6.0	Fair ocnl cloudy, shwrs. Hvy shwr am. Rain evng, tempo hvy rain late		
SUN	26	1002.2	13.4	7.5	10.5	6.2	12.9	12.8	230	14	18.1	40	1.9	6.2	Fair to cloudy, shwrs		
MON	27	1004.9	14.6	9.9	12.3	7.7	12.8	12.8	280	14	12.0	24	7.0	10.7	Fair. Cloudy mid am, shwrs. Fair or fine pm. Cloudy later		
TUE	28	1003.2	14.1	10.5	12.3	8.4	13.0	12.8	240	12	16.1	32	1.5	8.1	Cloudy, rain & mist bec fair late am. Shwrs		
WED	29	1016.7	14.4	9.7	12.1	7.0	12.9	12.8	250	13	14.5	30	0.8	11.4	Shwrs am bec fair then fine pm		
THU	30	1024.0	15.5	10.5	13.0	7.0	13.1	12.8	230	11	10.2	22	NIL	11.9	Fair tempo cloudy late am		
FRI	31	1028.4	18.1	10.3	14.2	7.1	13.6	12.8	190	04	6.4	17	NIL	13.9	Cloudy early bec fair tempo fine pm. Ocnl dry		
MEAN		1013.4	15.1	9.6	12.3	6.6	12.5	11.9	SW	11.0	11.1	TOTAL	58.9	261.0			
30 YEAR AVE. 1971-00		1015.7	14.4	8.7	11.6	6.0	12.6	11.4	NE	11.9	11.1	////	49.6	233.8			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		15	12	0	1	1	2	0	4	2	0	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	376.8 mm	SUNSHINE	737.6 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	77		
DAY/YEAR	24th/1950	YEAR		1989	DAY/YEAR		2nd/1979	YEAR		1989	YEAR		1989	SUNLESS DAYS	27		
VETTEST MNTH	128.7mm	HIGHEST MAX		25.7°C	LOWEST GRASS		-5.6°C	COLDEST MNTH		9.9°C	DULLEST MNTH		136.9hrs	WET DAYS	60		
YEAR	1994	DAY/YEAR		5th/1995	DAY/YEAR		5th/1979	YEAR		1984	YEAR		1981				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. JUNE 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
			at 9a.m.	MAX	MIN		MEAN	MIN		30cm	100cm	9a.m.	9a.m.	MEAN		MAX	mm
SAT	1	1022.8	21.1	11.8	16.5	8.5	14.0	<u>13.0</u>	100	12	12.0	22	NIL	<u>14.8</u>	Fine. Dry air		
SUN	2	1016.3	20.8	12.1	16.5	12.5	14.7	13.1	160	08	9.0	18	0.8	4.8	Fine bec fair. Cloudy late am. Ocnl fog pm. T&L 1342. Hvy shwr. Fog		
MON	3	1013.1	14.0	10.3	12.2	9.9	14.6	13.3	250	11	9.8	22	7.8	0.9	Cloudy, mist early. Slt rain or drzl pm. Fog patch. Slt rain late		
TUE	4	1007.2	<u>11.2</u>	<u>8.4</u>	<u>9.8</u>	4.4	13.9	13.5	060	05	7.1	17	14.0	<u>NIL</u>	Cloudy, rain. Mod tempo hvy rain early bec rain & drzl. Rain pm. Mist		
WED	5	<u>1000.3</u>	15.1	9.4	12.3	9.2	<u>13.3</u>	13.4	320	12	13.3	24	NIL	6.8	Rain, drzl & mist bec fair late am		
THU	6	1003.7	15.1	10.8	13.0	8.2	13.5	13.3	260	16	<u>16.0</u>	28	3.8	5.0	Fair, ocnl fine bec cloudy late am. Slt drzl, ocnl rain & drzl. Mist		
FRI	7	1005.0	15.9	10.4	13.2	9.7	13.4	13.3	230	10	11.5	26	4.5	0.3	Cloudy, rain am. Rain evng. Mist. Fog later, tempo thick fog		
SAT	8	1004.9	15.3	11.6	13.5	11.0	13.6	13.2	190	08	9.2	19	0.9	4.3	Cloudy, drzl or rain early. Drzl early pm bec fair or fine. Rain & drzl late		
SUN	9	1008.6	14.5	11.3	12.9	9.6	13.9	13.4	190	14	15.7	<u>31</u>	7.5	4.9	Cloudy. Rain, drzl & mist late am. bec fair or fine pm. Cloudy later		
MON	10	1012.9	14.5	11.5	13.0	9.5	13.5	13.3	240	<u>19</u>	14.7	30	8.0	2.4	Cloudy. Tempo fair midday bec rain, drzl & mist. Fog later		
TUE	11	1016.8	14.0	9.9	12.0	7.1	13.4	13.3	230	10	11.8	24	<u>23.2</u>	2.4	Cloudy, drlz & mist early bec fair. Rain pm bec rain & drzl. Ocnl fog		
WED	12	1016.7	15.3	12.2	13.8	12.5	13.6	13.3	270	09	11.4	24	1.4	5.2	Rain, drzl & thick fog early. Ocnl fair. Slt shwrs pm. Drzl & thick fog late		
THU	13	1018.5	15.6	11.4	13.5	11.3	13.8	13.2	250	15	12.4	28	TR	0.1	Drzl & thick fog bec mist. Cloudy		
FRI	14	1014.1	18.2	12.9	15.6	12.3	14.1	13.4	150	08	8.6	23	0.2	0.6	Cloudy bec fair, then thick fog. Slt rain early pm. Tempo drzl. Mist		
SAT	15	1017.5	17.6	12.8	15.2	12.1	14.5	13.5	200	10	8.1	19	2.2	1.7	Cloudy. Tempo fair. Rain evng. Mod rain late		
SUN	16	1017.5	21.1	13.5	17.3	12.9	14.7	13.6	170	08	9.2	19	NIL	7.8	Cloudy, rain early. Mist. Fair pm		
MON	17	1016.8	<u>21.7</u>	<u>13.7</u>	<u>17.7</u>	12.8	15.5	13.7	170	04	6.7	16	0.3	5.0	Fair or fine bec cloudy. Fog patches. Ocnl fir or fine pm. Fog patches		
TUE	18	1019.6	16.6	12.8	14.7	12.4	16.0	14.1	280	10	9.0	19	NIL	9.8	Fog, tempo thick fog bec fine. Adj fog. Fair. Cloudy evng		
WED	19	1025.0	16.5	11.1	13.8	5.7	15.7	14.2	360	<u>02</u>	<u>5.4</u>	14	NIL	11.2	Cloudy bec mainly fair		
THU	20	1023.2	16.3	10.4	13.4	4.8	15.7	14.3	300	10	5.6	16	TR	9.8	Fair, dew. Tempo shallow fog. Ocnl fine. Ocnl cloudy pm		
FRI	21	1021.5	18.2	12.2	15.2	8.3	15.9	14.5	180	05	6.0	16	0.7	5.3	Cloudy. Slt rain mid am. Ocnl fair. Tempo dry air midday. Drzl late		
SAT	22	1021.7	16.9	13.2	15.1	<u>13.2</u>	<u>16.1</u>	14.7	220	09	9.7	20	TR	2.7	Cloudy, tempo drzl & fog patch early. Tempo fair pm		
SUN	23	1024.3	16.0	12.2	14.1	9.4	15.9	14.9	270	09	9.1	17	NIL	9.7	Fair, ocnl cloudy early & pm. Fine evng		
MON	24	1030.0	16.8	11.1	14.0	8.2	15.6	14.8	300	09	9.6	18	NIL	14.3	Fine, slt dew early. Ocnl fair late am		
TUE	25	<u>1030.9</u>	16.9	9.8	13.4	<u>4.3</u>	15.6	14.9	320	06	6.5	14	NIL	12.6	Fine, slt dew bec fair. Tempo cloudy late am		
WED	26	1027.5	16.1	10.3	13.2	6.7	15.8	14.9	280	08	9.9	19	NIL	<u>14.8</u>	Fine, dew early bec fair. Fine evng. Dew late		
THU	27	1022.1	16.2	12.1	14.2	9.9	15.7	15.0	340	12	10.5	21	NIL	<u>14.8</u>	Fine, dew early. Ocnl fair mid am		
FRI	28	1025.3	15.6	11.5	13.6	8.6	15.6	15.0	340	12	9.8	21	NIL	13.2	Fine bec fair. Mainly fine pm		
SAT	29	1026.1	16.8	10.5	13.7	7.1	15.5	15.0	290	05	9.0	18	0.1	9.6	Fine, dew bec fair. Bec cloudy pm. Slt rain pm		
SUN	30	1021.1	16.3	12.5	14.4	10.5	15.7	<u>15.1</u>	240	07	11.8	28	5.3	1.7	Cloudy, ocnl slt rain or drzl.		
MEAN		1017.7	16.5	11.5	14.0	9.4	14.8	13.9	W	9.4	9.9	TOTAL	80.7	196.5			
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	THUNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		15	10	0	0	1	2	0	0	12	2	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	457.5 mm	SUNSHINE	934.1 hrs
WETTEST DAY	46.8mm	DRIEST MONTH	0.6mm	LOWEST MIN	5.4°C	WARMEST MNTH	16.7°C	SUNNIEST MNTH	355.3hrs	RAIN DAYS	92	SUNLESS DAYS	28				
DAY/YEAR	16th/1970	YEAR	1976	DAY/YEAR	1st/1975	YEAR	1976	YEAR	1975	WET DAYS	70						
WETTEST MNTH	129.7mm	HIGHEST MAX	30.8°C	LOWEST GRASS	-3.0°C	COLDEST MNTH	11.3°C	DULLEST MNTH	147.8hrs								
YEAR	1986	DAY/YEAR	26th/1976	DAY/YEAR	14th/1987	YEAR	1972	YEAR	1977								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. JULY 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
				MAX	MIN	MEAN		MIN	30cm		100cm	9a.m.				9a.m.	MEAN	MAX
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
MON	1	1006.5	15.6	11.8	13.7	11.4	15.4	15.1	230	<u>17</u>	17.4	<u>33</u>	1.9	3.4	Cloudy, rain, drzl & mist. Tempo fog am. Ocnl fair pm. Shwrs later			
TUE	2	1005.8	15.6	<u>11.7</u>	13.7	10.0	15.1	15.1	260	<u>17</u>	16.8	30	18.3	0.8	Cloudy, tempo shwrs am. Rain pm, bec mod rain & drzl evng. Fog late			
WED	3	<u>997.9</u>	16.5	12.3	14.4	10.9	<u>14.9</u>	15.0	320	<u>17</u>	<u>18.2</u>	31	TR	7.8	Rain, drzl & mist. Tempo fog. Fine late am			
THU	4	1020.6	16.4	12.7	14.6	10.4	15.0	<u>14.8</u>	260	07	12.0	23	10.5	7.7	Fine bec cloudy. Fair pm. Cloudy later, slt rain			
FRI	5	1009.9	<u>15.0</u>	12.7	13.9	11.2	15.2	<u>14.8</u>	220	10	11.1	22	0.3	0.4	Cloudy, mod rain. Fog patches bec drzl & fog. Cloudy pm, tempo drzl			
SAT	6	1017.5	17.8	13.0	15.4	11.4	15.0	<u>14.8</u>	340	08	8.8	19	0.6	7.1	Cloudy bec mist. Fair late am, ocnl cloudy evng			
SUN	7	1018.5	16.5	12.7	14.6	10.1	15.3	14.9	210	10	10.1	18	0.9	0.2	Fair bec cloudy. Drzl mid am. Fog patches. Cloudy pm. Drzl evng			
MON	8	1011.0	16.0	14.3	15.2	13.8	15.3	<u>14.8</u>	200	12	9.3	19	<u>24.4</u>	<u>NIL</u>	Drzl, ocnl fog. Tempo thick fog. Mod or hvy rain evng			
TUE	9	1005.0	16.1	12.8	14.5	13.5	15.3	<u>14.8</u>	270	<u>17</u>	11.7	25	TR	9.0	Drzl bec hvy rain & fog. Fog patches bec fair			
WED	10	1011.3	16.6	12.5	14.6	9.9	15.4	14.9	220	12	11.3	20	0.5	12.5	Fair. Slt shwr am. Ocnl fine pm. Cloudy later, shwr.			
THU	11	1018.8	16.8	12.5	14.7	10.0	15.5	15.0	220	11	7.6	17	1.0	9.8	Shwrs early bec fair or fine. Gradu cloudy pm			
FRI	12	1018.8	15.5	12.7	14.1	12.3	15.9	15.0	100	07	7.5	17	0.6	0.1	Cloudy. Rain or drzl from mid am. Cloudy pm, tempo slt drzl			
SAT	13	1023.5	17.5	<u>11.7</u>	14.6	8.8	15.5	15.1	310	09	9.0	19	<u>NIL</u>	<u>14.9</u>	Fair bec fine. Dew early. Fair pm. Cloudy late , mist			
SUN	14	<u>1029.4</u>	17.6	12.6	15.1	9.2	15.9	15.2	220	<u>04</u>	6.0	14	<u>NIL</u>	11.6	Cloudy, mist bec fog. Fair by late am. Adj fog bec fine			
MON	15	1027.1	20.8	13.0	16.9	10.4	16.4	15.2	350	08	7.8	17	<u>NIL</u>	14.7	Fine, dew early. Tempo cloudy late			
TUE	16	1022.7	21.7	15.4	18.6	12.9	16.7	15.4	010	05	7.4	17	<u>NIL</u>	12.8	Fine, dew early bec fair. Tempo cloudy early pm bec fine			
WED	17	1022.9	18.0	14.3	16.2	12.9	17.1	15.6	030	10	8.8	18	<u>NIL</u>	14.4	Fine, tempo fair early. Dew late			
THU	18	1020.7	19.5	12.4	16.0	9.0	16.9	15.8	050	10	8.5	17	<u>NIL</u>	12.6	Fine, dew bec fair. Tempo dry air pm			
FRI	19	1018.3	<u>23.7</u>	<u>15.7</u>	<u>19.7</u>	13.0	17.0	16.0	110	11	9.8	20	<u>NIL</u>	14.2	Fair bec fine. Dry air. Tempo fair pm			
SAT	20	1017.9	19.1	14.3	16.7	12.3	17.2	16.0	300	<u>04</u>	9.9	20	<u>NIL</u>	12.4	Fine bec fair, mist & dew. Fair Bec fine			
SUN	21	1021.1	18.1	12.8	15.5	9.8	17.1	16.1	330	09	9.2	19	<u>NIL</u>	14.0	Fine bec fair. Tempo cloudy am. Mainly fine pm			
MON	22	1023.6	18.2	11.9	15.1	<u>6.9</u>	16.8	16.2	300	05	7.9	16	TR	12.7	Fine, dew bec fair. Cloudy late			
TUE	23	1018.2	16.8	14.2	15.5	11.7	17.0	16.2	250	14	14.0	29	0.9	0.5	Cloudy ,slt drzl early. Drzl & fog by evng. Tempo mod drzl & mist			
WED	24	1020.3	18.6	14.4	16.5	13.6	16.7	16.2	310	12	11.3	20	0.2	8.3	Cloudy bec fine, then fair pm			
THU	25	1019.5	17.1	14.3	15.7	12.1	16.7	16.1	210	06	7.5	15	0.8	<u>NIL</u>	Cloudy, slt rain or drzl mid am. Fog patches bec thick fog			
FRI	26	1020.2	19.4	15.2	17.3	14.7	16.8	16.1	230	06	5.9	14	0.1	4.5	Cloudy, slt drzl & mist. Fog patches am, bec fine pm. Cloudy later			
SAT	27	1019.4	22.1	15.5	18.8	13.2	17.0	16.1	130	<u>04</u>	<u>4.3</u>	10	<u>NIL</u>	8.0	Cloudy bec fair or fine pm. Cloudy later			
SUN	28	1019.2	20.7	15.4	18.1	12.7	17.6	16.2	350	08	6.9	16	TR	7.4	Cloudy, ocnl mist mid am. Bec fine pm. Slt drzl & fog later			
MON	29	1020.7	19.2	15.3	17.3	12.2	17.6	16.4	320	08	7.9	15	TR	3.9	Fog, ocnl thick fog. Tempo slt drzl. Ocnl fair around midday. Fog			
TUE	30	1016.2	19.7	<u>15.7</u>	17.7	<u>15.2</u>	<u>17.8</u>	16.5	300	12	11.5	20	TR	3.8	Thick fog, tempo cloudy with slt rain early. Ocnl fair pm			
WED	31	1010.6	18.3	13.5	15.9	11.7	17.4	<u>16.6</u>	300	14	11.3	23	TR	10.1	Fair bec fine. Ocnl fair. Slt shwr late			
MEAN		1017.2	18.1	13.5	15.8	11.5	16.3	15.5	NW	9.8	9.9	TOTAL	61.0	239.6				
30 YEAR AVE. 1971-00		1018.4	19.2	13.2	16.2	11.0	17.6	16.1	W	10.7	10.3	////	37.6	248.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		13	5	0	0	0	0	0	0	14	6	0	2					
RECORDS FROM JANUARY 1947															RAINFALL	518.5 mm	SUNSHINE	1173.7 hrs
WETTEST DAY		59.0mm	DRIEST MONTH		3.9mm	LOWEST MIN		8.3°C	WARMEST MNTH		19.4°C	SUNNIEST MNTH		335.9hrs	RAIN DAYS	105	SUNLESS DAYS	30
DAY/YEAR		6th/1969	YEAR		1999	DAY/YEAR		8th/1954	YEAR		1983	YEAR		1959	WET DAYS	75		
WETTEST MNTH		120.2mm	HIGHEST MAX		31.7°C	LOWEST GRASS		1.0°C	COLDEST MNTH		13.8°C	DULLEST MNTH		167.7hrs				
YEAR		1960	DAY/YEAR		1st/1952	DAY/YEAR		7th/1996	YEAR		1954	YEAR		1972				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. AUGUST 2002

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	1011.1	19.4	12.9	16.2	9.2	17.1	16.7	130	10	8.5	20	12.0	9.8	Fair, ocnl fine am. Shwrs pm. Hvy shwr late evng	
FRI	2	1009.7	19.8	13.6	16.7	9.1	17.1	16.7	120	05	5.1	14	0.2	11.0	Fair, dew. Tempo shallow fog. Fair. Slt shwr late	
SAT	3	1012.1	19.2	14.4	16.8	10.6	17.4	16.6	360	02	4.8	13	NIL	5.4	Cloudy, slt shwrs early. Mainly fair pm	
SUN	4	1014.0	19.0	15.1	17.1	12.1	17.3	16.6	300	10	9.5	18	9.1	1.1	Fair, mist & dew bec cloudy	
MON	5	1015.2	19.7	15.2	17.5	14.7	17.3	16.7	350	04	6.2	14	TR	5.7	Cloudy, hvy shwrs early. Mist. Hill fog patches am. Fair pm	
TUE	6	1019.3	21.2	14.3	17.8	10.1	17.3	16.7	340	08	9.0	18	NIL	12.6	Fine, dew bec mist then haze. Fair late am. Cloudy, mist late evng	
WED	7	1021.1	19.2	15.7	17.5	14.8	17.5	16.7	290	08	10.0	17	TR	0.3	Cloudy. Slt drizzle evng	
THU	8	1015.2	19.2	14.3	16.8	13.3	17.4	16.7	310	09	11.0	26	6.8	1.6	Cloudy, slt shwr early. Ocnl fair midday. Bec rain, tempo mod rain. Mist	
FRI	9	1001.8	17.2	13.9	15.6	13.1	17.0	16.7	230	08	14.9	32	9.4	0.6	Cloudy, shwrs. Tempo hvy shwrs mid am & early pm. Rain later	
SAT	10	1006.4	17.4	13.6	15.5	12.6	16.6	16.7	310	14	14.3	29	TR	1.3	Rain early. Cloudy. Tempo fair pm	
SUN	11	1011.2	16.1	13.1	14.6	11.0	16.3	16.6	240	12	12.6	25	3.0	0.1	Fair bec cloudy. Rain or drzl late am. Mist or fog. Tempo fine late	
MON	12	1017.0	18.0	14.6	16.3	12.4	16.1	16.4	310	13	13.0	23	NIL	11.7	Fine bec cloudy. Fair or fine from mid am. Dew later	
TUE	13	1023.4	18.9	12.8	15.9	8.3	16.4	16.4	220	05	4.5	10	TR	4.0	Fine, dew bec cloudy. Tempo fair	
WED	14	1020.6	24.1	14.3	19.2	13.9	16.7	16.3	100	04	5.6	14	NIL	9.8	Cloudy bec mist. Tempo thick fog bec fine late am. Dry air pm	
THU	15	1017.4	20.7	15.1	17.9	12.1	17.4	16.4	320	06	6.9	14	NIL	10.2	Fair, dew bec mist. Ocni fog. Fair pm. Fog patches evening	
FRI	16	1020.2	20.3	13.0	16.7	9.7	17.3	16.5	350	04	4.8	10	NIL	12.4	Fair, dew early. Tempo cloudy am. Fine by evening	
SAT	17	1014.6	20.5	15.3	17.9	12.5	17.5	16.6	200	08	7.1	18	0.8	4.0	Fine bec cloudy mid am, mist. Fair to cloudy. Fine late evening	
SUN	18	1012.2	20.9	16.3	18.6	12.9	17.5	16.7	170	04	4.3	12	6.0	2.0	Fine, dew bec cloudy. Tempo rain. Fog ptches. Shwrs pm. Hvy rain late	
MON	19	1014.0	18.3	13.9	16.1	16.1	17.8	16.8	270	07	6.6	17	TR	8.2	Cloudy, fog patches & ocnl rain bec fair late am. Cloudy later	
TUE	20	1017.3	18.9	13.2	16.1	9.0	17.3	16.8	280	09	9.8	22	NIL	9.4	Cloudy bec fair, dew. Tempo cloudy am, slt shwr. Fine pm, dew later	
WED	21	1020.7	19.3	13.3	16.3	9.8	17.2	16.8	360	06	5.6	11	NIL	9.9	Fine,dew early. Fair by evening, ocnl cloudy	
THU	22	1020.4	21.9	13.6	17.7	8.7	17.2	16.8	020	02	4.7	12	NIL	9.1	Fair, dew bec cloudy. Fair late am. Tempo dry air. Mist late evening	
FRI	23	1020.1	20.9	13.7	17.3	9.0	17.4	16.8	040	03	4.3	11	NIL	12.0	Fine, dew. Tempo thick fog mid am then fair. Fine late am. Dry air	
SAT	24	1022.9	20.1	12.5	16.3	6.9	17.4	16.9	340	06	6.0	13	NIL	12.9	Fair, dew. Tempo thick fog mid am. Shallow fog then fair or fine	
SUN	25	1024.6	19.2	14.3	16.8	11.3	17.5	17.0	350	03	7.4	19	NIL	3.7	Fair, dew bec cloudy. Ocnl fair pm.	
3.HO	26	1023.6	16.8	15.0	15.9	13.1	17.3	17.0	030	15	12.7	24	1.1	0.2	Cloudy, rain evening	
TUE	27	1021.1	18.9	14.2	16.6	13.8	17.0	17.0	360	15	10.0	23	NIL	8.5	Cloudy, slt rain early. Fair or fine pm. Dew later	
WED	28	1021.9	19.7	14.3	17.0	9.5	16.9	16.8	350	06	6.3	14	NIL	11.9	Fine, dew. Ocni cloudy early bec fine. Haze pm	
THU	29	1022.5	19.5	14.4	17.0	8.7	17.1	16.9	280	08	7.8	16	0.6	2.7	Fair, dew bec cloudy, mist. Fog patch. Ocnl fair late am. Drzl & fog late	
FRI	30	1021.0	20.6	16.6	18.6	14.5	17.2	16.7	190	07	9.4	22	0.5	1.6	Fog, ocnl rain & drzl. Ocni thick fog. Tempo fair late am.	
SAT	31	1025.8	19.0	13.3	16.2	10.0	17.3	16.8	340	07	7.7	17	NIL	11.8	Rain & drzl early bec fair or fine mid am	
MEAN		1017.4	19.5	14.2	16.8	11.4	17.2	16.7	N	7.4	8.1	TOTAL	49.5	205.5		
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	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		11	7	0	0	0	0	0	0	10	3	0	0			
RECORDS FROM JANUARY 1947													RAINFALL	568.0 mm	SUNSHINE	1379.2 hrs
WETTEST DAY	55.8mm	DRIEST MONTH	3.8mm	LOWEST MIN	9.2°C	WARMEST MNTH	19.1°C	SUNNIEST MNTH	323.0hrs	RAIN DAYS	116	SUNLESS DAYS	30			
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	1995	YEAR	1955	WET DAYS	82					
WETTEST MNTH	122.0mm	HIGHEST MAX	32.8°C	LOWEST GRASS	0.8°C	COLDEST MNTH	14.3°C	DULLEST MNTH	139.2hrs							
YEAR	1951	DAY/YEAR	3rd/1990	DAY/YEAR	11th/1981	YEAR	1956	YEAR	1992							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. SEPTEMBER 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
SUN	1	<u>1031.1</u>	18.5	12.9	15.7	5.0	16.9	<u>16.8</u>	050	11	9.7	20	NIL	10.5	Fine, ocnl fair. Ocnl dry air pm			
MON	2	1026.6	20.2	14.4	17.3	10.0	16.8	<u>16.8</u>	070	16	12.0	25	NIL	<u>12.3</u>	Fine, ocnl dry air			
TUE	3	1016.7	<u>22.4</u>	<u>16.3</u>	<u>19.4</u>	13.5	16.9	16.7	010	05	7.0	16	TR	5.8	Fine, dew bec cloudy, mist. Fair late am. Cloudy evng, mist			
WED	4	1012.6	19.0	14.8	16.9	14.2	17.2	16.7	280	10	7.7	18	NIL	3.6	Cloudy, mist. Slt rain or drzl mid am. Bec fair pm. Cloudy later, mist			
THU	5	1016.7	19.2	14.7	17.0	9.5	<u>17.1</u>	16.7	290	12	11.6	23	TR	9.9	Cloudy, mist & slt dew bec fair. Ocnl fine pm. Cloudy evng, slt rain			
FRI	6	1016.9	19.3	16.1	17.7	<u>14.8</u>	<u>17.1</u>	16.7	220	13	13.6	25	<u>10.4</u>	3.4	Cloudy. Slt shwr am. Fair late am bec cloudy. Shwrs later			
SAT	7	1010.9	17.7	13.3	15.5	13.6	17.0	16.7	270	05	10.3	23	1.0	7.5	Cloudy. Rain early, tempo hvy rain. Tempo rain & drzl. Fair late am			
SUN	8	1007.6	17.6	12.4	15.0	8.5	16.6	16.7	230	08	5.9	13	1.7	4.7	Fair bec cloudy, shwrs. Fair again bec cloudy pm, slt shwrs			
MON	9	<u>1007.0</u>	<u>16.4</u>	12.8	14.6	10.1	16.6	16.6	310	<u>02</u>	6.8	22	7.8	3.2	Cloudy, rain mid am. Ocnl hvy rain am. Bec fair pm. Fine evng. Lghtng			
TUE	10	1020.4	18.5	13.2	15.9	8.2	16.0	16.7	230	07	5.5	14	NIL	9.7	Fair or fine			
WED	11	1026.5	19.5	14.0	16.8	9.5	16.2	16.5	080	07	6.7	16	NIL	11.9	Fair bec fine, dry air around midday. Cloudy late			
THU	12	1023.0	20.0	13.7	16.9	8.5	16.3	16.4	100	07	8.6	23	NIL	7.8	Cloudy bec fair. Tempo haze bec fine. Haze pm, dew late evng			
FRI	13	1022.7	20.6	15.9	18.3	13.3	16.5	16.3	060	14	13.7	<u>33</u>	NIL	11.4	Fine, mist & dew early bec haze.			
SAT	14	1025.1	19.4	15.6	17.5	12.4	16.4	16.2	060	14	15.2	30	TR	8.0	Fine, dew bec fair, mist then haze. Tempo cloudy bec fine pm			
SUN	15	1025.9	18.4	14.8	16.6	12.1	16.5	16.4	050	10	12.4	29	NIL	7.1	Cloudy, slt rain mid am bec fair late am. Fine pm			
MON	16	1020.9	19.0	14.9	17.0	11.8	16.2	16.3	050	13	14.7	27	NIL	9.5	Fair bec cloudy. Gradu fine			
TUE	17	1017.6	19.4	14.7	17.1	12.5	16.1	16.3	080	15	15.0	28	NIL	10.7	Fine bec fair			
WED	18	1014.4	19.0	14.7	16.9	12.4	16.1	16.3	070	15	<u>16.1</u>	26	TR	1.8	Fair or fine bec cloudy. Slt shwr pm & late			
THU	19	1013.8	18.1	15.7	16.9	14.0	16.0	16.2	080	12	9.6	20	2.9	0.7	Cloudy, slt shwr early. Lghtng. Rain midday, tempo hvy rain early pm.			
FRI	20	1019.8	18.5	15.8	17.1	13.7	16.0	16.1	090	10	10.0	19	NIL	<u>0.1</u>	Cloudy, slt rain early. Haze mid am. Tempo fair evng			
SAT	21	1019.7	18.6	12.9	15.7	13.9	16.0	16.1	070	12	10.6	23	NIL	7.9	Cloudy bec fair. Dry air late am. Fine later, slt dew			
SUN	22	1019.0	18.0	11.9	14.9	<u>3.4</u>	15.6	16.0	030	07	7.5	22	NIL	9.2	Fine, dew early. Tempo haze. Ocnl fair pm			
MON	23	1021.2	17.7	12.0	14.9	8.6	15.3	16.0	030	14	12.3	27	TR	10.3	Fine, ocnl fair am. Slt shwr late			
TUE	24	1023.2	16.5	12.7	14.6	9.3	15.3	15.9	040	<u>17</u>	15.3	31	0.2	8.7	Fine bec fair. Ocnl cloudy late am, shwrs. Funnel cloud. Fine pm			
WED	25	1025.0	16.8	<u>11.3</u>	<u>14.1</u>	3.5	<u>14.8</u>	15.8	020	06	6.4	18	NIL	9.7	Fine, tempo cloudy mid am bec fair. Fine pm			
THU	26	1022.8	17.6	11.9	14.8	5.5	14.9	15.6	300	13	10.1	23	NIL	5.1	Fine, slt dew bec cloudy. Fine again pm. Dew later			
FRI	27	1026.8	17.3	12.7	15.0	4.6	14.9	15.5	030	06	<u>5.5</u>	12	NIL	5.1	Fine, dew. Cloudy mid am. Fine, cloudy late am bec fair pm. Fine			
SAT	28	1027.7	18.0	13.0	15.5	9.1	14.9	15.5	120	07	7.8	17	NIL	10.1	Fine, dew early. Ocnl fair pm			
SUN	29	1025.1	19.1	13.9	16.5	11.4	15.0	<u>15.4</u>	120	08	9.3	21	NIL	9.9	Fair, slt dew early. Dry air pm			
MON	30	1021.9	18.2	13.7	16.0	10.6	15.1	<u>15.4</u>	130	09	7.7	16	0.5	5.5	Fair bec cloudy pm, slt shwr. Fair evng. Cloudy late			
MEAN		1020.3	18.6	13.9	16.2	10.3	16.1	16.2	NE	10.2	10.2	TOTAL	24.5	221.1				
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	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		7	5	0	0	0	2	0	0	0	0	0						
RECORDS FROM JANUARY 1947														RAINFALL	592.5 mm	SUNSHINE	1600.3 hrs	
WETTEST DAY		43.7mm	DRIEST MONTH		6.9mm	LOWEST MIN		5.8°C	WARMEST MNTH		17.5°C	SUNNIEST MNTH		266.5hrs	RAIN DAYS	123	SUNLESS DAYS	30
DAY/YEAR		20th/1949	YEAR		1997	DAY/YEAR		28th/1974	YEAR		1949	YEAR		1959	WET DAYS	87		
WETTEST MNTH		194.5mm	HIGHEST MAX		30.6°C	LOWEST GRASS		-1.0°C	COLDEST MNTH		12.8°C	DULLEST MNTH		104.5hrs				
YEAR		1952	DAY/YEAR		2nd/1961	DAY/YEAR		23rd/1979	YEAR		1986	YEAR		1956				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. OCTOBER 2002

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
				MAX	MIN	MEAN		MIN	30cm		100cm	9a.m.				9a.m.	MEAN	MAX
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
TUE	1	1020.7	17.8	14.8	16.3	12.9	15.3	15.4	180	02	4.8	14	4.7	NIL	Cloudy, tempo fair early. Rain from mid am. Ocnl mod rain. Mist			
WED	2	1020.4	18.1	13.6	15.9	10.6	15.3	15.4	190	04	4.6	11	3.1	6.6	Cloudy, mist bec fair. Ocnl cloudy early pm & later			
THU	3	1025.5	17.0	12.3	14.7	12.9	15.5	15.4	330	07	6.8	15	NIL	7.2	Cloudy, rain bec fair. Fine later, dew			
FRI	4	1030.9	17.0	11.2	14.1	5.1	15.1	15.5	350	04	5.0	12	TR	10.2	Fine, dew early becmg fair. Fine evng, dew			
SAT	5	1030.2	16.9	11.0	14.0	2.6	14.7	15.5	310	05	6.2	16	NIL	9.7	Fine, shallow fog & dew. Fog patch. Tempo fair pm			
SUN	6	1022.4	17.5	13.2	15.4	9.7	14.7	15.3	010	08	8.3	18	NIL	8.4	Fine, dew bec fair. Tempo cloudy am bec fine pm			
MON	7	1020.1	15.9	11.8	13.9	9.0	14.6	15.3	140	07	7.2	16	NIL	10.2	Fine bec fair. Tempo dry air pm			
TUE	8	1010.6	16.0	12.3	14.2	9.1	14.3	15.0	140	09	10.0	22	NIL	6.7	Fair, ocnl cloudy. Ocnl fine evng			
WED	9	1000.9	14.3	11.8	13.1	9.6	14.2	15.1	110	11	8.7	23	3.3	NIL	Fair bec cloudy. Rain pm. Tempo mod rain			
THU	10	1005.2	17.6	12.5	15.1	11.1	14.1	14.9	060	10	12.9	25	NIL	1.5	Cloudy, rain & mist bec haze. Ocnl fair early pm. Cloudy			
FRI	11	1011.5	17.6	12.9	15.3	9.1	14.4	14.9	090	06	6.5	18	4.4	3.3	Cloudy bec fine, haze & dew. Fair bec cloudy pm. Rain & drzl later			
SAT	12	1014.6	15.6	11.8	13.7	8.5	14.3	14.8	300	15	12.9	37	7.6	8.8	Rain, drzl & mist. Fog patch early bec fair or fine. Tempo dry air			
SUN	13	1003.9	15.6	11.1	13.4	5.3	13.9	14.8	120	21	22.3	57	3.0	NIL	Cloudy. Rain, tempo hvy rain am. Rain & drzl, mist. Gale evng. Shwrs			
MON	14	1011.3	14.6	10.6	12.6	7.1	13.3	14.6	280	13	12.4	41	3.2	1.9	Cloudy, ocnl fine am. Fair to cloudy. Rain late evening. Tempo hvy rain			
TUE	15	996.8	15.9	10.2	13.1	6.0	13.2	14.5	180	26	24.2	56	0.7	1.8	Cloudy, rain early. Ocnl fair. Ocnl gale pm, shwrs			
WED	16	1000.1	13.8	10.2	12.0	8.6	13.3	14.4	200	03	5.0	22	24.9	0.2	Rain mid am. Shwr midday, funnel cloud. Rain pm, ocnl hvy rain			
THU	17	1006.8	11.2	7.9	9.6	6.6	13.1	14.2	280	11	7.5	23	5.4	1.5	Cloudy, T&L, heavy rain. Shwrs. Tempo T&L. Tempo fair. Lghtng			
FRI	18	1008.7	13.2	8.2	10.7	4.2	12.4	14.1	280	14	11.1	27	0.8	5.0	Fair, ocnl cloudy. Shwrs. Lghtng. Tempo hvy shwrs			
SAT	19	1021.2	12.7	7.1	9.9	-0.8	12.0	14.0	120	04	6.4	19	0.3	5.1	Fair, ocnl cloudy. Ocnl dry air. Cloudy late evening			
SUN	20	1009.9	14.6	10.2	12.4	7.4	11.9	13.8	100	18	14.4	31	1.5	0.1	Cloudy. Tempo slight rain am. Rain evng. Fine later			
MON	21	995.8	17.1	14.0	15.6	11.0	12.4	13.6	190	13	12.9	30	6.5	4.6	Fair bec cloudy, slt rain. Fair, ocnl cloudy early pm, shwrs. Cloudy			
TUE	22	984.2	17.0	12.3	14.7	12.3	13.0	13.4	190	13	16.9	34	4.4	1.2	Shwrs. Tempo hvy rain. Mainly cloudy. Shwrs. Hvy shwr early pm			
WED	23	1006.0	12.5	8.4	10.5	5.8	12.8	13.6	290	12	17.0	37	4.3	7.1	Cloudy, shwrs bec mainly fair. Shwrs. Dry air			
THU	24	1006.7	14.0	8.4	11.2	4.9	12.2	13.6	130	10	11.0	29	4.4	0.4	Cloudy, rain mid am. Cloudy pm, tempo fair.			
FRI	25	996.8	15.8	11.8	13.8	11.0	12.5	13.4	210	13	23.6	57	4.1	2.1	Cloudy, rain am. Ocnl fair pm. Hvy shwrs by evng. Gales. Lghtng			
SAT	26	1017.3	15.4	12.6	14.0	8.4	12.5	13.4	260	21	19.5	43	7.7	5.0	Fair. Slt shwr early. Bec cloudy by evng			
SUN	27	1011.2	16.0	11.3	13.7	9.8	12.8	13.3	260	36	29.3	57	TR	7.1	Cloudy, rain & drzl early. Gales bec fair. Slt shwrs. Ocnl dry air			
MON	28	1032.3	14.5	10.5	12.5	5.3	12.1	13.3	260	07	9.7	24	NIL	4.5	Fair or fine bec fair to cloudy			
TUE	29	1015.5	15.7	10.9	13.3	8.3	12.1	13.3	170	12	10.5	29	NIL	2.5	Fair to cloudy am. Cloudy pm. Mist later			
WED	30	1013.7	15.5	13.7	14.6	10.2	12.6	13.2	140	03	4.9	16	TR	0.2	Mist. Fog patches late am. Tempo haze pm. Mist. Tempo slt drzl late			
THU	31	1017.8	15.6	12.7	14.2	12.2	13.0	13.2	160	02	4.8	15	0.1	0.1	Cloudy, mist. Tempo slt drzl. Haze. Slt rain evng			
MEAN		1011.9	15.5	11.3	13.4	8.2	13.5	14.3	S	11.0	11.5	TOTAL	94.4	123.0				
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	WET	SNOW/ SLEET	HAIL	THNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		≥0.2mm	≥1.0mm															
		19	16	0	1	1	3	0	1	3	0	5	3					
RECORDS FROM JANUARY 1947														RAINFALL	686.9 mm	SUNSHINE	1723.3 hrs	
WETTEST DAY		46.2mm	DRIEST MONTH		3.4mm	LOWEST MIN		3.9°C	WARMEST MNTH		15.2°C	SUNNIEST MNTH		176.4hr	RAIN DAYS	142	SUNLESS DAYS	33
DAY/YEAR		7th/1987	YEAR		1978	DAY/YEAR		30th/1983	YEAR		2001	YEAR		1971	WET DAYS	103		
WETTEST MNTH		233.9mm	HIGHEST MAX		23.3°C	LOWEST GRASS		-4.0°C	COLDEST MNTH		9.6°C	DULLEST MNTH		72.6hrs				
YEAR		1960	DAY/YEAR		4th,5th/1959	DAY/YEAR		30th/1983	YEAR		1974	YEAR		1968				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. NOVEMBER 2002

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
		at 9a.m.															
FRI	1	1015.1	14.9	12.7	13.8	8.4	13.2	13.2	180	13	14.4	30	8.5	0.2	Cloudy, ocnl rain late morning. Rain, drzl & fog early pm. Rain evng		
SAT	2	1011.8	15.9	14.3	15.1	12.9	13.3	13.3	210	12	13.7	35	11.0	NIL	Slt rain bec mod rain & drzl. Fog. Tempo hvy rain pm. Fog patches		
SUN	3	1009.2	15.0	10.6	12.8	9.1	13.4	13.3	240	21	20.8	37	1.9	6.2	Mainly fair. Slt shwr am. Hvy rain shwr evng, hail		
MON	4	1020.4	14.2	10.6	12.4	8.6	12.7	13.4	290	11	11.1	27	NIL	4.3	Fine bec cloudy. Slt shwr. Bec fair or fine pm. Cloudy late		
TUE	5	1024.3	14.8	12.2	13.5	6.7	12.5	13.3	200	09	9.3	22	12.3	0.1	Cloudy. Slt drzl midday. Slt rain late		
VED	6	1015.2	14.2	10.5	12.4	12.0	12.9	13.3	250	13	16.7	34	7.9	0.1	Rain or drzl. Tempo hvy rain. Mist. Ocnl fog am. Ocnl fair evng. Shwrs		
THU	7	1023.0	12.2	8.6	10.4	6.7	12.2	13.3	300	18	17.7	32	6.4	2.7	Fine bec fair to cloudy. Shwrs. Fine midday, then cloudy.		
FRI	8	1018.4	13.9	9.0	11.5	7.2	11.7	13.2	250	15	17.3	40	12.2	NIL	Slt rain bec mod rain. Mist late am. rain & drzl pm		
SAT	9	1009.5	14.0	12.7	13.4	10.4	12.0	13.0	290	15	15.1	31	7.0	0.1	Cloudy. Slt rain midday. Ocnl slt drzl pm bec drzl & rain evng, mist.		
SUN	10	1006.9	14.3	11.6	13.0	12.4	12.4	12.9	250	20	15.1	29	10.2	NIL	Cloudy, rain & drzl. Ocnl fog. Tempo thick fog midday. Tempo hvy rain		
MON	11	1008.5	14.0	10.8	12.4	8.2	12.4	12.9	250	16	17.0	31	13.9	6.2	Fair, slt shwr am. Ocnl fine, bec cloudy pm. Hvy shwr evng		
TUE	12	1001.8	13.5	10.5	12.0	9.7	12.2	12.9	220	18	16.1	34	10.0	2.7	Cloudy. Ocnl hvy rain mid to late am. Fair pm. Hvy rain late		
VED	13	993.4	12.5	9.3	10.9	7.4	11.9	12.9	230	15	17.6	41	17.2	1.8	Cloudy, shwrs. Ocnl fair am. Rain pm, tempo hvy rain evng		
THU	14	979.5	12.9	7.8	10.4	4.7	11.7	12.8	220	22	20.5	51	0.5	5.9	Cloudy, gale early. Ocnl rain. Hvy shwrs am. Hail bec fair. Ocnl cloudy		
FRI	15	987.5	13.4	10.5	12.0	8.4	11.5	12.7	160	11	11.0	23	NIL	5.7	Fine bec fair. Lghtng evng		
SAT	16	998.7	13.1	8.6	10.9	6.2	11.4	12.6	090	02	4.0	12	2.6	1.3	Fair bec cloudy. Ocnl fair pm. Lghtng evng. Slt shwr later		
SUN	17	1008.5	11.9	7.7	9.8	2.7	11.3	12.5	200	03	4.9	13	0.2	5.3	Cloudy, hvy shwr early bec fair. Ocnl cloudy evng, slt shwrs		
MON	18	1013.9	11.8	7.6	9.7	1.2	10.9	12.3	180	02	7.5	22	NIL	4.6	Fair, ocnl cloudy. Fine around midday. Cloudy evng		
TUE	19	1007.8	10.4	9.0	9.7	7.5	10.7	12.2	130	11	13.7	23	3.8	0.3	Cloudy. Slt rain late		
VED	20	1003.3	12.6	8.7	10.7	7.3	10.6	12.0	230	10	14.3	38	3.6	5.5	Rain to mid am bec fair. Cloudy by evng		
THU	21	983.8	12.4	10.2	11.3	8.7	10.7	12.0	200	13	17.5	36	1.4	2.9	Cloudy, rain to mid am. Ocnl fair. Slt shwrs. Hvy shwr late		
FRI	22	991.0	12.1	8.6	10.4	6.8	10.5	11.9	200	17	18.5	34	7.0	3.7	Fair ocnl cloudy. Slt shwrs. Fine later		
SAT	23	996.9	12.4	7.1	9.8	2.9	10.4	11.9	190	14	13.8	29	TR	6.0	Fine bec cloudy. Hvy shwr mid am bec fine. Fair evng, lghtng		
SUN	24	1002.7	11.9	9.5	10.7	7.0	10.2	11.7	180	14	10.3	25	TR	6.8	Fine bec fair. Dew evening		
MON	25	1004.6	13.4	6.5	10.0	-0.5	10.2	11.6	140	02	5.8	14	NIL	4.1	Fair, dew bec fine. Mainly fair. Waterspout		
TUE	26	1011.7	12.5	10.3	11.4	6.5	10.1	11.5	180	11	13.1	30	0.1	6.4	Fair, dew bec fine. Fair pm, cloudy late evng		
VED	27	1005.9	12.7	8.6	10.7	6.4	10.1	11.4	150	15	17.3	35	1.5	0.7	Cloudy, slt shwr early. Ocnl fair am. Tempo hvy rain pm. Fine late		
THU	28	1005.3	12.8	9.9	11.4	8.5	10.2	11.4	190	15	13.9	26	0.9	2.5	Fine bec fair to cloudy. Slt shwrs pm		
FRI	29	1011.3	11.8	8.2	10.0	5.3	10.2	11.3	350	03	8.6	21	NIL	5.3	Fair bec cloudy, shwrs. Fair late am bec fine pm		
SAT	30	1023.9	11.5	7.6	9.6	2.0	10.0	11.3	250	05	9.8	23	13.7	NIL	Fine bec fair. Cloudy mid am. Ocnl rain from late am. Drzl evng, fog late		
MEAN		1006.5	13.1	9.7	11.4	7.0	11.5	12.5	S	12.2	13.5	TOTAL	153.8	91.4			
30 YEAR AVE. 1971-00		1016.2	11.4	7.7	9.5	5.0	10.1	11.7	SW	13.4	13.5	////	97.9	74.9			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		22	19	0	2	0	4	0	1	6	2	1	4				
RECORDS FROM JANUARY 1947														RAINFALL	840.7 mm	SUNSHINE	1814.7 hrs
WETTEST DAY	39.4mm	DRIEST MONTH	16.1mm	LOWEST MIN		0.0°C	WARMEST MNTH		12.0°C	SUNNIEST MNTH		117.7hr	RAIN DAYS	164	SUNLESS DAYS	37	
DAY/YEAR	15th/1975	YEAR	1978	18th/1952, 19th/1985, 22nd, 28th/1993		YEAR	1994		1994	YEAR		1988	WET DAYS	122			
ETTEST MNTH	192.5mm	HIGHEST MAX	16.8°C	LOWEST GRASS		-5.6°C	COLDEST MNTH		7.7°C	DULLEST MNTH		35.9hrs					
YEAR	1965	DAY/YEAR	1st/1999	DAY/YEAR		29th/1987	YEAR		1993	YEAR		1994					

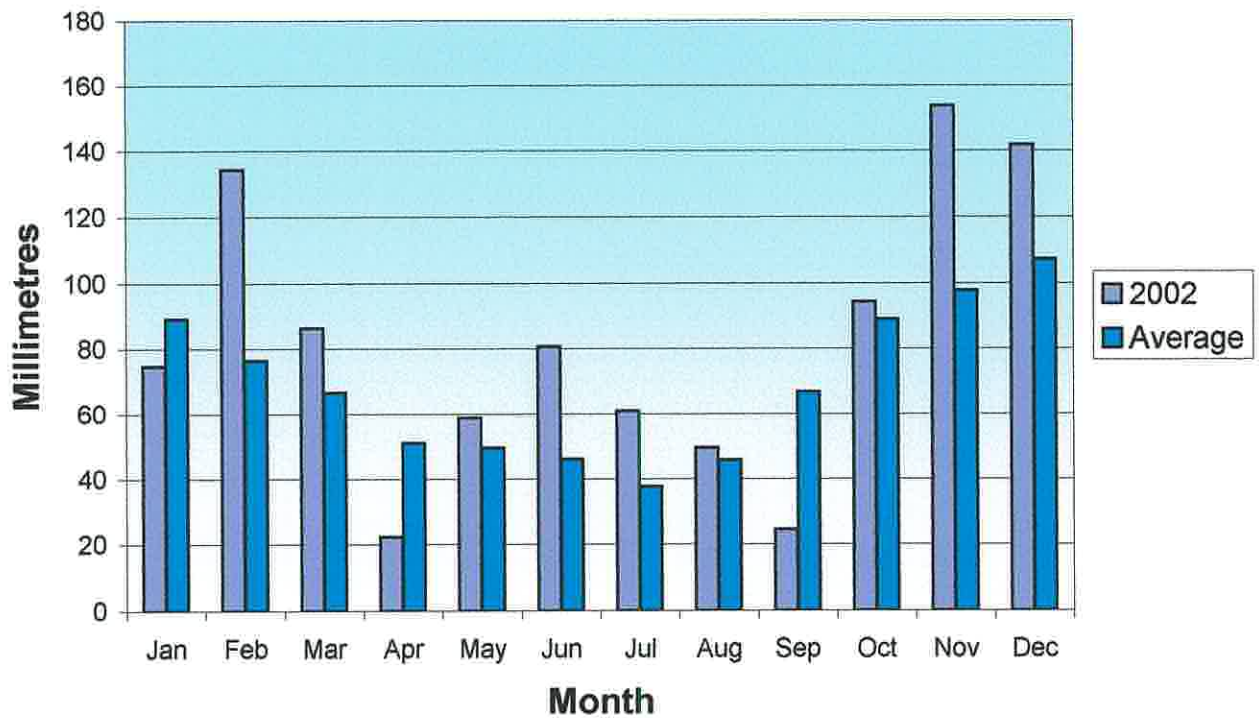
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT. DECEMBER 2002

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	1005.4	<u>12.9</u>	7.5	10.2	<u>10.3</u>	<u>10.4</u>	<u>11.1</u>	270	19	20.8	<u>45</u>	2.8	3.2	Cloudy, mist & drzl. Ocnl hvy rain early, fog. Fair late am. Hail evng			
MON	2	1004.7	11.1	7.4	9.3	5.4	10.1	<u>11.1</u>	280	<u>24</u>	<u>23.9</u>	<u>45</u>	TR	4.4	Cloudy, shwrs. Hail & gale early bec fair. Slt shwrs pm			
TUE	3	1011.2	10.9	8.4	9.7	4.8	9.7	<u>11.1</u>	300	11	9.3	26	2.4	0.1	Cloudy, ocnl fair early. Slt shwrs. Ocnl fair evng. Slt rain late			
WED	4	1014.0	11.3	7.4	9.4	3.0	9.7	11.0	250	14	13.7	33	0.3	3.1	Cloudy. Tempo hvy rain & drzl mid am. Fair late am. Shwrs, hail, T&L			
THU	5	1025.6	9.6	7.9	8.8	4.5	9.4	10.9	350	14	14.1	28	NIL	<u>6.1</u>	Fine, ocnl fair.Slt shwr am			
FRI	6	<u>1029.8</u>	10.0	7.3	8.7	4.3	9.1	10.9	030	11	12.3	26	0.6	0.1	Fine bec cloudy mid am. Slt shwrs pm			
SAT	7	1024.3	7.9	5.4	6.7	4.7	9.1	10.6	020	11	12.6	28	5.4	NIL	Cloudy, slt showery rain. Drzl pm, haze. Mist late			
SUN	8	1021.4	6.3	3.4	4.9	2.6	8.6	10.6	080	08	8.4	22	2.1	NIL	Cloudy, rain, drzl & mist. Ocnl hvy rain & drzl mid am. Drzl & mist			
MON	9	1020.1	<u>4.3</u>	2.7	<u>3.5</u>	1.9	8.2	10.4	090	13	14.7	32	TR	NIL	Cloudy. Tempo slt rain			
TUE	10	1013.9	6.5	<u>0.9</u>	3.7	-0.3	7.4	10.2	080	21	20.0	33	0.6	NIL	Fair early. Cloudy. Tempo snow mid am bec haze. Slt rain pm			
WED	11	1011.9	7.0	5.7	6.4	3.6	7.2	9.9	090	18	16.1	29	8.1	0.2	Cloudy bec haze. Tempo fair late am. Rain pm			
THU	12	1014.0	9.3	6.8	8.1	4.9	7.4	9.7	140	07	8.2	18	0.2	2.0	Cloudy, rain to mid am. Tempo hvy rain. Ocnl fair pm. Cloudy, haze			
FRI	13	1019.0	10.1	5.7	7.9	<u>-0.8</u>	7.9	9.6	330	02	4.6	14	TR	3.4	Cloudy, slt drzl & rain bec fair or fine mid am. Bec cloudy pm. Drzl evng			
SAT	14	1012.8	9.1	7.5	8.3	5.4	8.0	9.5	090	14	14.6	34	7.8	NIL	Cloudy, mist. Fog & drzl mid am. Rain pm, tempo hvy rain evng			
SUN	15	1004.7	9.8	7.7	8.8	6.4	8.1	9.5	320	14	15.4	31	1.8	NIL	Fair early bec cloudy. Ocnl rain or drzl late am. Slt shwr pm			
MON	16	1015.7	8.7	5.8	7.3	2.5	8.1	9.5	010	02	<u>4.1</u>	13	3.6	NIL	Cloudy. Ocnl rain mid to late am.			
TUE	17	1021.6	8.0	5.8	6.9	3.0	8.0	9.4	050	14	13.2	33	0.6	1.0	Cloudy tempo rain am. Ocnl fair pm. Slt shwrs			
WED	18	1027.1	7.6	3.7	5.7	2.5	7.8	9.4	080	24	19.8	36	NIL	3.3	Cloudy, ocnl fair am. Fair, ocnl fine pm			
THU	19	1023.5	5.9	2.2	4.1	0.6	7.1	9.3	110	14	12.6	25	TR	0.1	Cloudy bec fair or fine. Cloudy by late am. Haze			
FRI	20	1018.6	11.6	5.9	8.8	1.9	<u>6.9</u>	9.1	170	11	9.2	21	8.4	NIL	Cloudy, haze bec mist. Rain & drzl late am bec rain, drzl & fog.			
SAT	21	1018.1	11.6	<u>11.1</u>	11.4	10.1	7.9	<u>8.9</u>	210	06	11.1	31	<u>36.7</u>	NIL	Drzl & fog, bec cloudy. Mod rain, drzl & fog pm. Mod rain			
SUN	22	1009.5	12.5	10.5	11.5	10.2	8.8	9.0	270	16	11.2	25	1.0	NIL	Rain & mist or fog. Tempo hvy rain early. Drzl & thick fog late			
MON	23	1006.2	12.1	10.8	11.5	9.0	9.2	9.2	130	11	10.3	25	3.5	NIL	Cloudy, mist early. Ocnl rain pm, tempo mod rain			
TUE	24	1005.5	12.7	10.8	<u>11.7</u>	8.5	9.3	9.3	190	08	11.2	27	1.7	0.3	Cloudy, rain early. Ocnl fair am. Showery rain evening			
WED	25	1011.3	11.1	9.5	10.3	6.0	9.5	9.5	200	08	9.3	30	5.9	0.1	Cloudy, temo fine mid am. Ocnl rain pm. Hvy rain late			
THU	26	999.0	12.7	10.4	11.5	8.0	9.5	9.6	210	16	16.6	33	4.8	3.0	Rain & drzl early, tempo hvy rain. Ocnl fair from mid am. Rain evng			
FRI	27	<u>990.8</u>	12.4	10.2	11.3	8.0	9.7	9.7	170	08	9.3	22	3.7	0.2	Cloudy, tempo fair. Shwrs evening			
SAT	28	1004.2	11.2	9.1	10.1	7.0	9.7	9.7	300	16	13.1	24	7.1	4.1	Fair bec cloudy, shwrs mid am. Fair. Cloudy evng, rain			
SUN	29	1004.9	12.1	8.9	10.5	6.5	9.5	9.8	230	17	17.3	34	25.0	NIL	Rain & fog early bec cloudy, mist. Drzl, fog patches evng			
MON	30	1000.9	12.0	9.1	10.6	9.7	9.9	9.8	220	14	13.3	31	2.8	2.3	Cloudy, mist bec heavy rain mid am. Fog patch. Ocnl fair. Rain evng			
TUE	31	1012.8	10.4	8.2	9.3	7.3	9.9	9.9	—	<u>00</u>	7.4	26	4.9	0.1	Cloudy, rain & drzl from mid am. Cloudy pm, tempo fair.			
MEAN		1013.0	10.0	7.2	8.6	5.2	8.7	9.9	E	12.5	12.8	TOTAL	141.8	37.1				
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	LGHTN	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		25	20	1	3	1	1	0	2	7	0	1	12					
RECORDS FROM JANUARY 1947															RAINFALL	982.5 mm	SUNSHINE	1851.8 hrs
WETTEST DAY		42.2mm	DRIEST MONTH		28.1mm	LOWEST MIN		-3.8°C	WARMEST MNTH		10.1°C	SUNNIEST MNTH		108.9hr	RAIN DAYS	189	SUNLESS DAYS	49
DAY/YEAR		30th/1978	YEAR		1953	DAY/YEAR		24th/1963	YEAR		1953	YEAR		2001	WET DAYS	142		
WETTEST MNTH		249.6mm	HIGHEST MAX		15.6°C	LOWEST GRASS		-8.9°C	COLDEST MNTH		4.6°C	DULLEST MNTH		26.6hrs				
YEAR		1999	DAY/YEAR		6th/1953	29th/1964, 27th/1995		YEAR		1950	YEAR		1966					

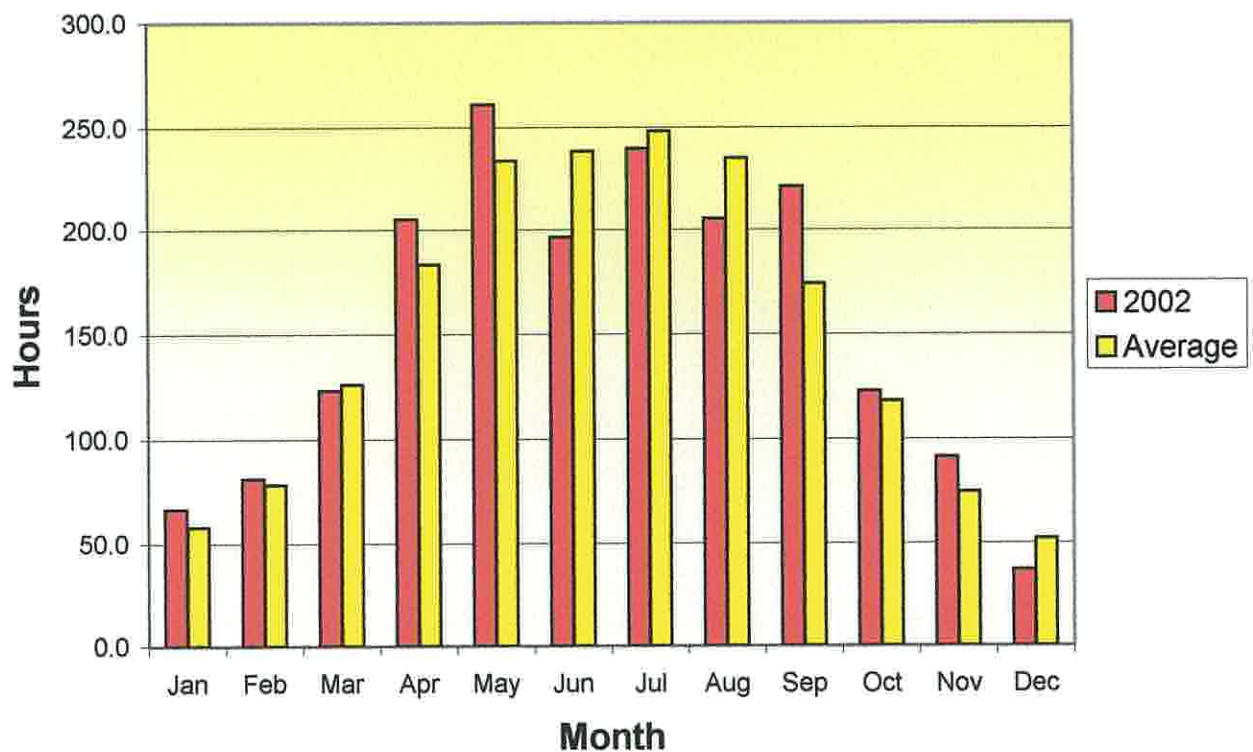
Guernsey Airport Met. Office

Appendix I

Monthly Rainfall



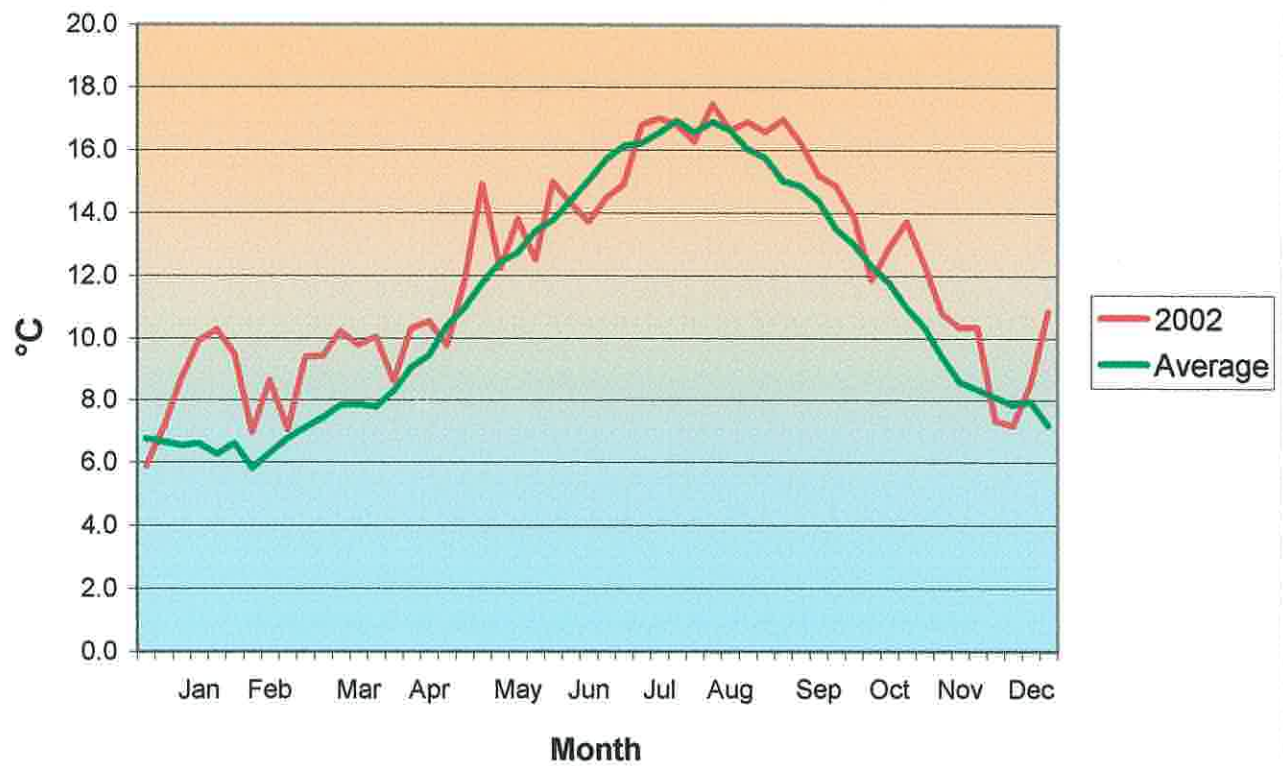
Monthly Sunshine



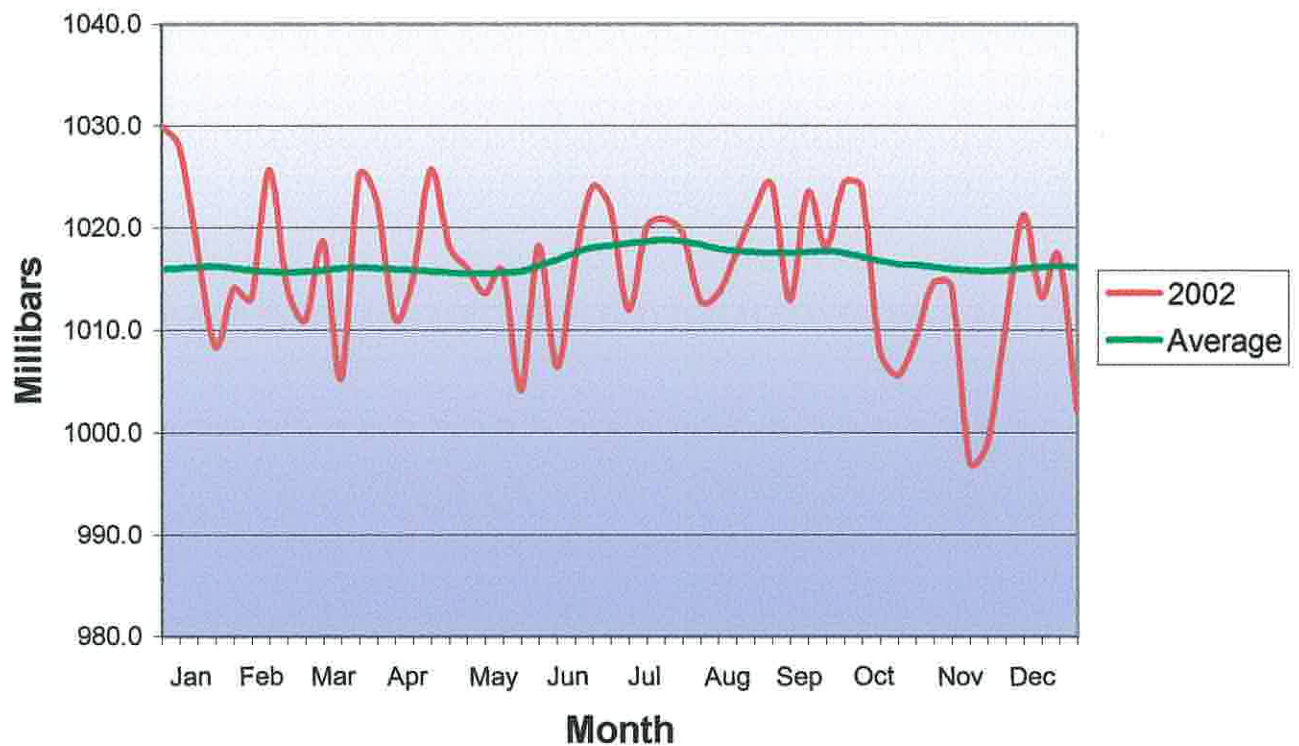
Guernsey Airport Met. Office

Appendix II

Weekly Mean Air Temperature



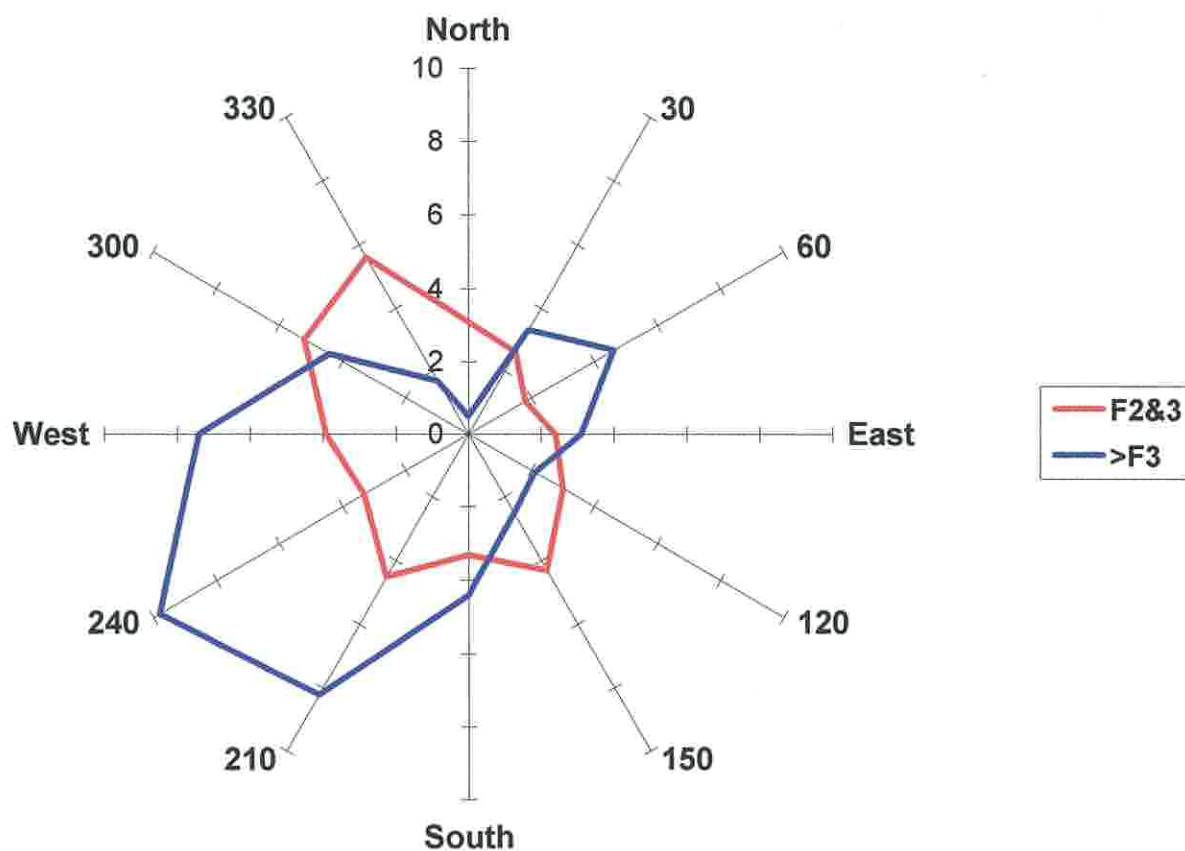
Weekly Mean Air Pressure



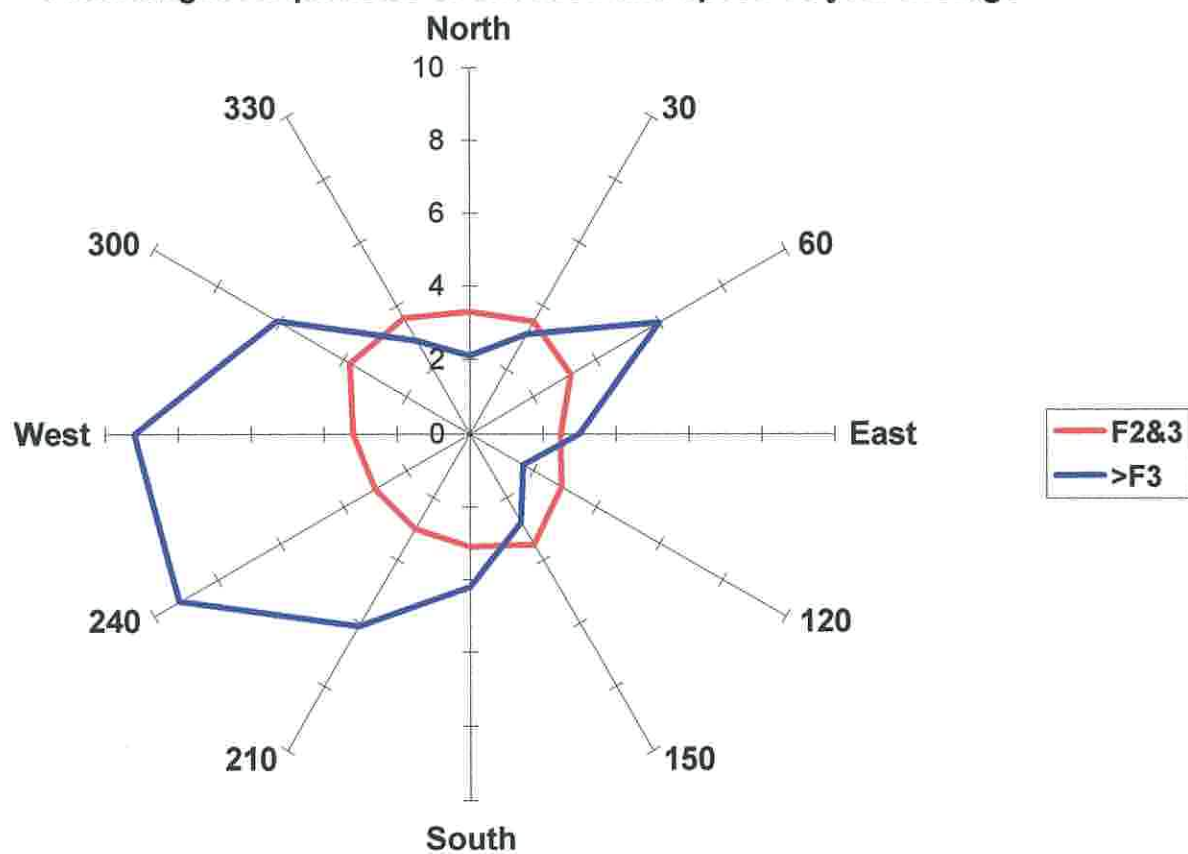
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Appendix III

Percentage frequencies of direction and speed-2002



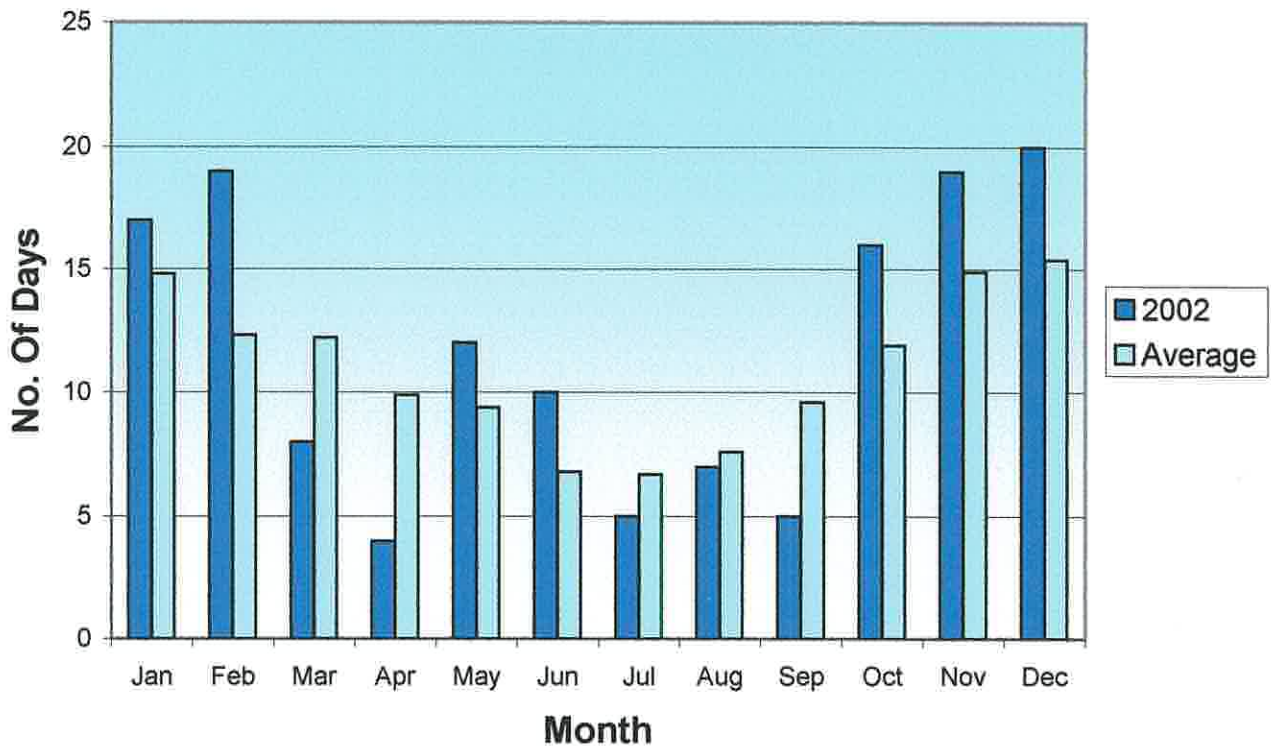
Percentages frequencies of direction and speed-30 year average



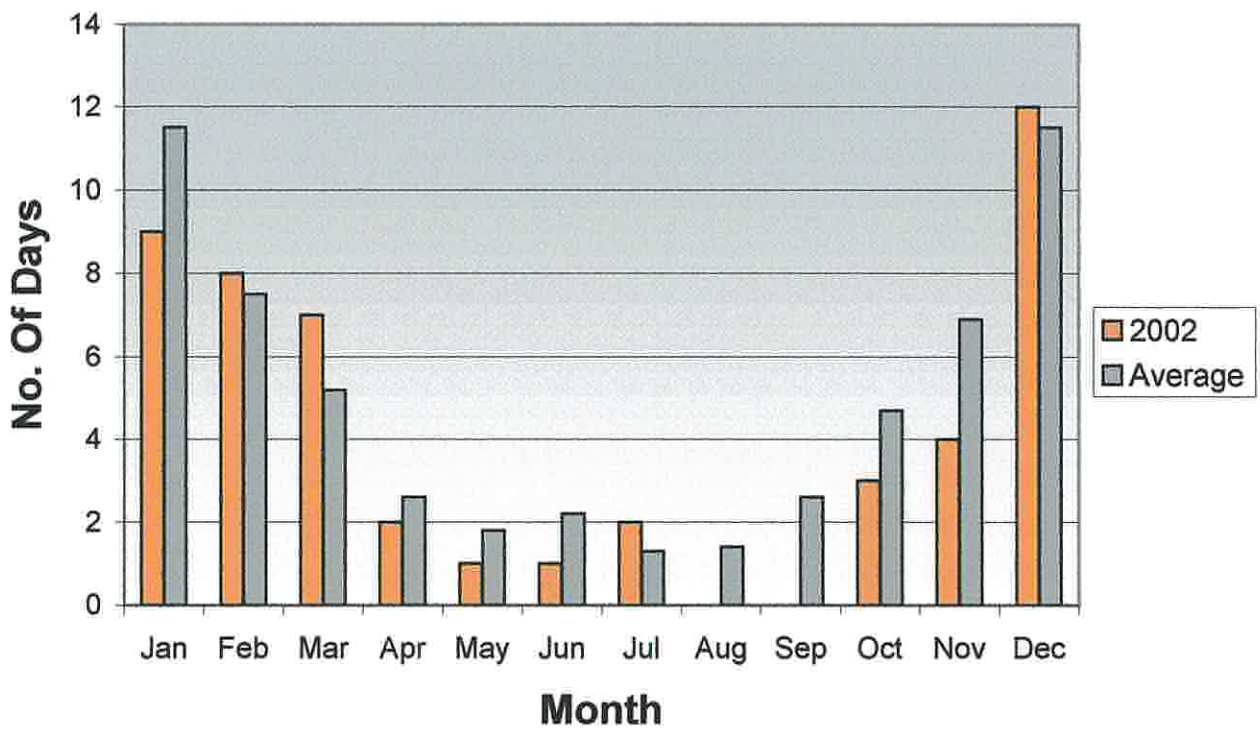
Guernsey Airport Met. Office

Appendix IV

Wet Days >1.0mm



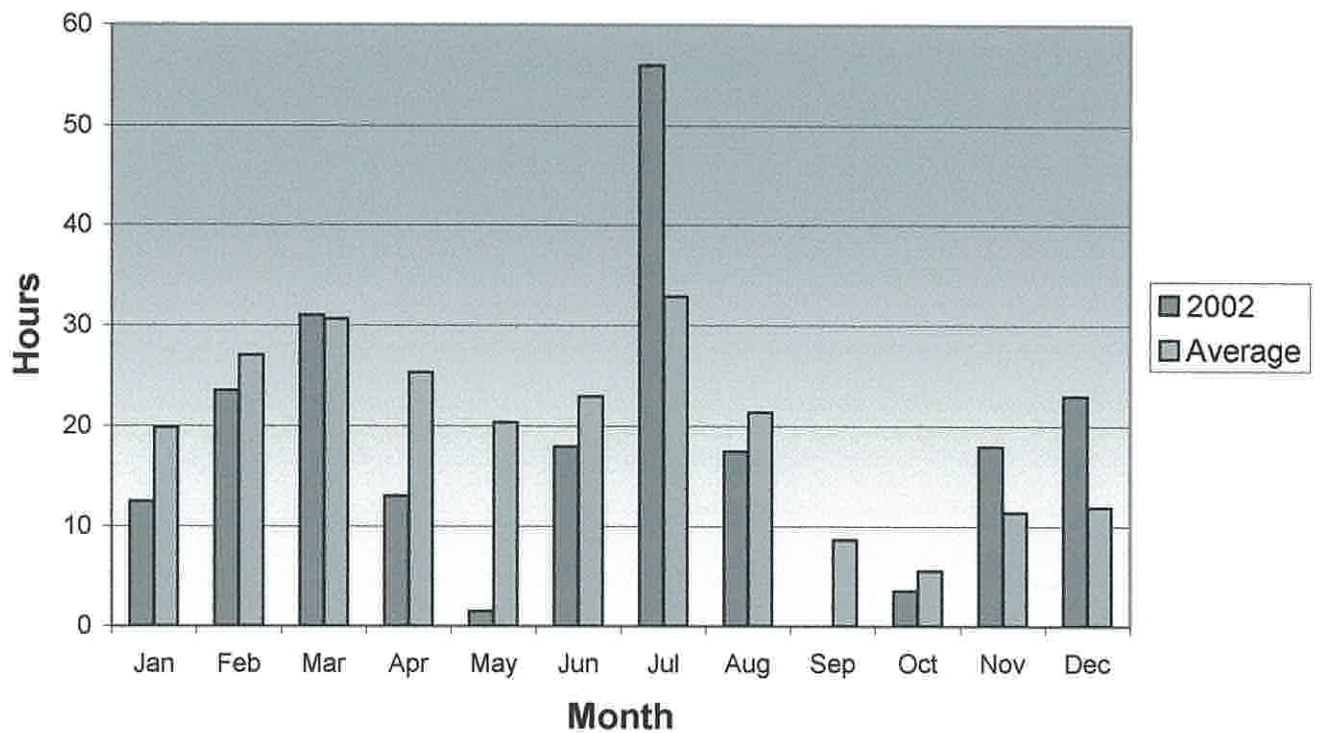
Sunless Days



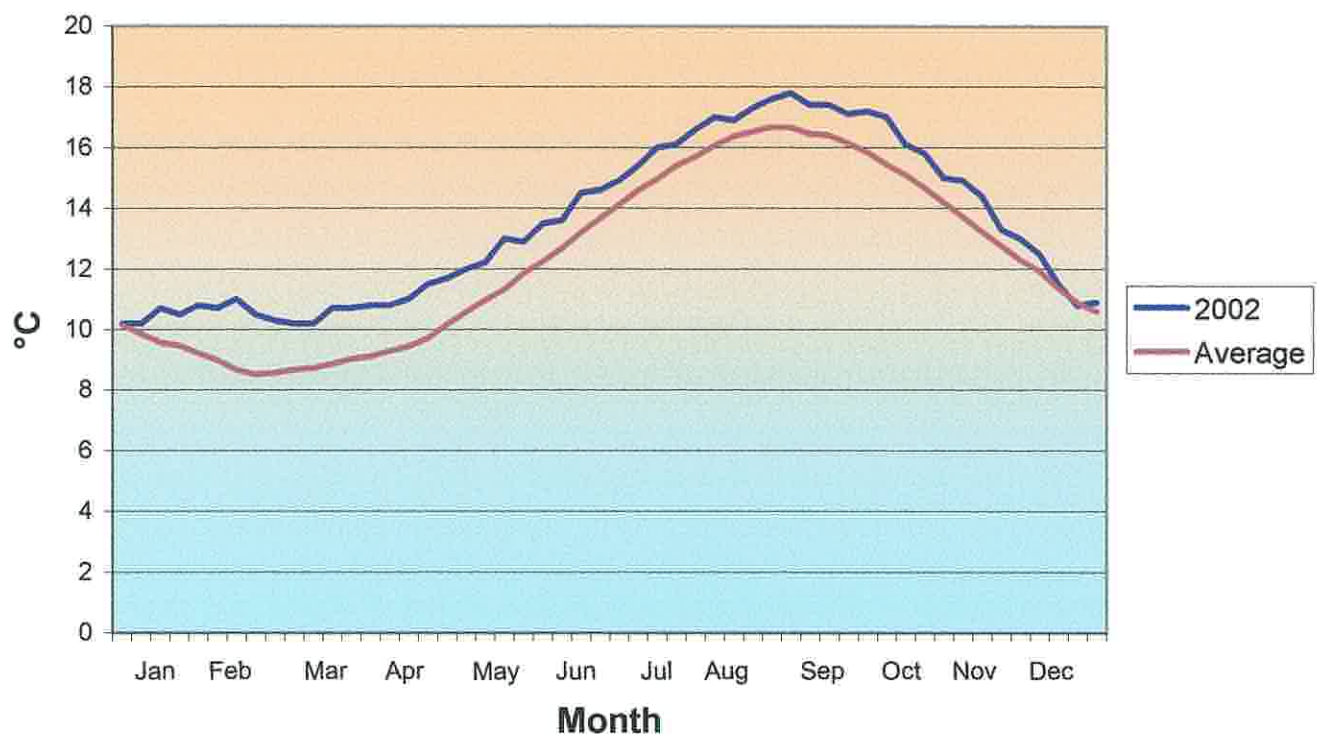
Guernsey Airport Met. Office

Appendix V

Monthly Hours of Fog



Weekly Sea Water Surface temperatures



SUMMER WEEKEND TIDES - ST. PETER PORT

		High Water				Low Water			
		Time	Height	Time	Height	Time	Height	Time	Height
May	03 Sat	07:35	8.8	19:47	8.8	01:35	1.5	13:50	1.6
	04 Sun	08:04	8.6	20:13	8.6	02:03	1.7	14:18	1.9
	10 Sat	12:55	6.8			06:42	3.5	19:19	3.7
	11 Sun	01:21	7.1	14:24	7.1	08:15	3.2	20:44	3.2
	17 Sat	07:10	9.7	19:32	9.7	01:13	0.6	13:36	0.6
	18 Sun	07:55	9.5	20:14	9.5	01:58	0.6	14:19	0.9
	24 Sat	00:42	7.0	13:39	6.8	07:27	3.4	20:02	3.7
	25 Sun	02:05	7.0	14:48	7.0	08:42	3.2	21:11	3.4
	31 Sat	06:34	8.5	18:49	8.6	00:33	1.9	12:50	1.9
June	01 Sun	07:09	8.5	19:21	8.6	01:07	1.8	13:23	1.9
	07 Sat	11:18	7.3	23:37	7.5	05:07	3.0	17:32	3.3
	08 Sun	12:25	7.2			06:16	3.0	18:44	3.3
	14 Sat	06:03	9.0	18:28	9.3	00:04	1.3	12:30	1.2
	15 Sun	06:54	9.2	19:15	9.4	00:55	1.0	13:19	1.2
	21 Sat	11:36	7.2	23:54	7.2	05:38	2.8	17:55	3.4
	22 Sun	12:33	6.9			06:33	3.2	18:53	3.6
	28 Sat	05:28	7.9	17:45	8.2	11:43	2.4		
	29 Sun	06:09	8.1	18:24	8.4	00:04	2.3	12:24	2.2
July	05 Sat	10:10	8.0	22:24	8.2	04:07	2.2	16:24	2.5
	06 Sun	10:59	7.8	23:16	8.0	04:54	2.4	17:14	2.7
	12 Sat	04:55	8.2	17:23	8.6	11:23	2.1	23:51	1.7
	13 Sun	05:53	8.5	18:16	8.9	12:18	1.8		
	19 Sat	10:15	8.0	22:26	8.0	04:21	2.1	16:32	2.5
	20 Sun	10:52	7.6	23:05	7.5	04:57	2.6	17:08	3.0
	26 Sat	04:11	7.1	16:35	7.5	10:27	3.1	22:55	2.9
	27 Sun	05:04	7.5	17:23	7.9	11:18	2.8	23:44	2.5
August	02 Sat	09:14	8.7	21:25	9.0	03:14	1.4	15:29	1.7
	03 Sun	09:53	8.5	22:06	8.7	03:52	1.6	16:08	1.9
	09 Sat	03:46	7.5	16:19	7.8	10:16	2.9	22:50	2.5
	10 Sun	04:53	7.9	17:18	8.3	11:19	2.5	23:48	2.0
	16 Sat	09:09	8.7	21:19	8.8	03:15	1.5	15:26	1.8
	17 Sun	09:38	8.3	21:48	8.3	03:45	1.9	15:53	2.2
	23 Sat	02:30	6.5	15:06	6.7	08:53	4.0	21:32	3.7
	24 Sun	03:49	6.9	16:12	7.2	10:02	3.5	22:36	3.1
	30 Sat	08:17	9.4	20:29	9.6	02:18	0.9	14:34	1.0
	31 Sun	08:53	9.3	21:06	9.4	02:55	0.9	15:11	1.1
September	06 Sat	02:24	6.8	15:08	7.2	09:00	3.7	21:45	3.3
	07 Sun	03:52	7.3	16:18	7.7	10:19	3.2	22:50	2.7
	13 Sat	08:06	9.2	20:18	9.2	02:12	1.2	14:26	1.4
	14 Sun	08:34	8.9	20:45	8.9	02:41	1.4	14:52	1.7
	20 Sat	12:33	6.4			06:17	4.4	19:29	4.3
	21 Sun	01:50	6.3	14:32	6.6	08:21	4.3	21:07	3.9
	27 Sat	07:14	9.7	19:29	10.0	01:16	0.7	13:34	0.7
	28 Sun	07:52	9.8	20:08	10.0	01:54	0.6	14:13	0.6

La Société Guernesiaise Astronomy Section

ASTRONOMICAL EVENTS IN 2003

The astronomical highlight of the year must be the close approach of Mars, when it will present a superb opportunity for telescopic observation. But we also have two total lunar eclipses, and a transit of Mercury to look forward to.

PLANETS

Mercury will be visible in the evening in April (maximum elongation on the 16th), August (maximum elongation on the 14th), and December (maximum elongation on the 9th).

A significant event occurs on the 7th May, when Mercury transits the Sun's disc, from 06:12 to 11:31 BST. This event can only be observed with great care, as looking directly at the Sun can cause severe eye damage, and optical aids such as telescopes or binoculars must not be used unless a specialist filter is fixed over the aperture. The Astronomy Section has proper filters, and a coelostat specially designed for projecting the Sun's image.

Venus will appear as the 'morning star' in the eastern sky at the beginning of the year, with Mars right beside it. Its greatest elongation will be on the 11th January, and it will remain visible in the morning, before sunrise, until the end of April. It does not become the 'evening star' until the end of the year, and then only very low in the west.

Mars can be seen in the evenings from August to December.

At the end of August Mars will be at closer to Earth than it has been for 50,000 years, at just 34,646,400 miles (55,791,300 km). It will, therefore, appear large (25 arc-seconds diameter), and considerable surface detail should be visible, even though its altitude as seen from Guernsey at this time will be a maximum of 24 degrees (less during the evening observation hours).

A National Astronomy Week is being held from the 23rd to the 30th August, to coincide with the close approach of Mars. The Astronomy Section will be organising an event during the Week.

Jupiter will be visible in the evenings from January to May, in the constellation Cancer. It is at opposition on 08 February.

With the present favourable configuration of Jupiter's axis of rotation, and the plane of its moon's orbits in relation to the Earth, we can continue to expect many events involving Jupiter's moons, such as transits across the planet's disc.

Saturn will be well-placed for evening observation from January to April in Taurus, and again in December, by which time it will have moved into Gemini.

Saturn's rings, still at an angle and open presentation, will remain a beautiful sight.

Uranus is at opposition on the 24th August, **Neptune** on the 4th August, and **Pluto** on the 9th June.

OCCULTATIONS

There are no lunar occultations of the planets or bright stars this year (apart from a daytime occultation of Mercury by the Moon on the 25th October, when it is dangerously close to the Sun).

CONJUNCTIONS

27 th	January:	Mars and Moon	Separation 2°	Before sunrise	In south-east.
26 th	May:	Mercury and Venus	Separation 2°	Before sunrise	In east
21 st	June:	Mercury and Venus	Separation 0.5°	Before sunrise	In east.
30 th	June:	Mercury and Saturn	Separation 2°	Before sunrise	In east.
8 th	July:	Venus and Saturn	Separation <1°	Before sunrise	In east.
17 th	July:	Mars and Moon	Separation 0.15°	Morning	In south-east.
26 th	July:	Mercury and Jupiter	Separation 1.25°	After sunset	In west.
21 st	August:	Venus and Jupiter	Separation 0.7°	After sunset	In west.
26 th	October:	Venus and Moon	Separation 1.25°	After sunset	In west.

METEORS

The full Moon will hinder observation of the Perseid meteors on the night of the 12th/13th August. The Leonids, about the 17th November, will be not be so hindered, but no meteor storm is expected this year. The Geminids (12th December) will also be affected by the Moon.

COMETS AND ASTEROIDS

Several faint comets and asteroids should be visible in telescopes, as in most years. It is, of course, possible that an unexpected bright comet may appear.

ECLIPSES

Two total eclipses of the Moon, and a partial eclipse of the Sun will be visible from Guernsey this year.

The first lunar eclipse will take place in the early morning of the 16th May, starting at 03:02 BST. The Moon will set at 05:32 BST, before the eclipse finishes (at 06:17 BST).

The second lunar eclipse will be on the night of the 8th/9th November, starting at 23:32 GMT and finishing at 03:04 GMT.

The partial solar eclipse will take place in the early morning of the 31st May. Observers will have to be quick to see this one, as it will be almost over by the time the Sun rises, at 05:12 BST. At that time it will be less than one-third eclipsed, and the eclipse will finish at 05:31 BST, when the Sun has reached an altitude of only 2°. While the eclipse is only partial in Guernsey, it is annular as seen from Iceland and (briefly) the north-west coast of Scotland. Again, it must only be observed if precautions are taken against eyesight damage. The Astronomy Section can provide advice.

SATELLITES

The International Space Station is regularly visible from Guernsey. Details of the times and directions of visibility can be obtained from a link on the Astronomy Section's Web site, at www.astronomy.org.gg.

REFERENCES

The Handbook of the British Astronomical Association 2003.

Astro Calendar 2002/2003 by the Federation of the Astronomical Societies.

Skywatch '03 by Sky and Telescope.

Starry Night Pro software.

Island - Causeway opening times

2003

All times BST

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

Opens	Closes	June	Opens	Closes	July	Opens	Closes	August	Opens	Closes	Sept.	Opens	Closes
12:10	15:20	1	13:00	15:30	1	13:30	15:40	1	14:10	17:10	1	15:10	18:10
12:40	15:40	2	13:40	15:50	2	14:10	16:10	2	15:00	17:40	2	16:20	18:20
13:20	16:10	3	14:40	16:10	3	15:00	16:50	3	15:50	18:10	3	CLOSED	
14:00	16:20	4	15:30	16:30	4	15:50	17:20	4	17:00	18:30	4	CLOSED	
14:40	16:30	05	16:30	16:50	5	16:40	17:50	05	CLOSED		5	CLOSED	
CLOSED		06	CLOSED		6	CLOSED		06	CLOSED		6	CLOSED	
CLOSED		07	CLOSED		7	CLOSED		07	CLOSED		7	CLOSED	
CLOSED		08	CLOSED		8	CLOSED		08	CLOSED		8	CLOSED	
CLOSED		09	CLOSED		9	CLOSED		09	CLOSED		9	11:50	14:00
CLOSED		10	09:10	10:10	10	09:40	10:40	10	11:40	12:50	10	12:10	15:00
CLOSED		11	09:30	11:40	11	10:30	12:00	11	12:00	14:10	11	12:30	15:50
09:50	10:50	12	10:20	12:50	12	11:10	13:20	12	12:20	15:10	12	13:00	16:30
10:00	12:30	13	10:50	14:10	13	11:50	14:20	13	13:00	16:00	13	13:50	16:50
10:20	13:50	14	11:30	15:00	14	12:30	15:20	14	13:30	16:50	14	14:30	17:00
11:00	14:50	15	12:30	15:50	15	13:20	16:10	15	14:20	17:20	15	15:10	17:10
15:30	17:40	16	17:40	19:20	16	14:00	17:00	16	15:00	17:30	16	CLOSED	
12:20	16:30	17	14:20	17:10	17	14:50	17:30	17	15:50	17:40	17	CLOSED	
13:20	17:00	18	15:20	17:30	18	15:50	17:50	18	CLOSED		18	CLOSED	
14:20	17:30	19	16:40	17:40	19	16:50	18:00	19	CLOSED		19	CLOSED	
15:30	17:40	20	CLOSED		20	CLOSED		20	CLOSED		20	CLOSED	
CLOSED		21	CLOSED		21	CLOSED		21	CLOSED		21	CLOSED	
CLOSED		22	CLOSED		22	CLOSED		22	CLOSED		22	CLOSED	
CLOSED		23	CLOSED		23	CLOSED		23	CLOSED		23	CLOSED	
CLOSED		24	CLOSED		24	CLOSED		24	CLOSED		24	11:20	13:10
CLOSED		25	CLOSED		25	CLOSED		25	CLOSED		25	11:40	14:20
CLOSED		26	CLOSED		26	CLOSED		26	11:50	13:30	26	11:50	15:30
10:50	11:50	27	11:30	12:20	27	CLOSED		27	12:10	14:40	27	12:30	16:20
11:10	12:50	28	11:50	13:20	28	12:20	13:40	28	12:30	15:40	28	13:00	17:00
11:30	13:30	29	12:20	14:10	29	12:40	14:50	29	13:00	16:30	29	13:50	17:30
12:00	14:20	30	12:50	15:00	30	13:10	15:40	30	13:40	17:10	30	14:50	17:50
12:30	14:50				31	13:40	16:30	31	14:20	17:50			

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.

2003 Official Guernsey Ormering tides

		HIGH WATER				LOW WATER			
		am	height	pm	height	am	height	pm	height
January	02 Thu	05:51	8.9	18:18	8.8	12:21	1.6		
	03 Fri	06:39	9.2	19:06	8.9	00:42	1.7	13:10	1.4
	04 Sat	07:24	9.2	19:50	8.9	01:29	1.6	13:55	1.4
	18 Sat	06:22	8.6	18:51	8.5	00:21	2.1	12:50	1.8
	19 Sun	07:05	8.9	19:33	8.8	01:05	1.8	13:33	1.5
	20 Mon	07:46	9.1	20:14	8.9	01:48	1.6	14:15	1.3
February	01 Sat	06:30	8.9	18:57	8.7	00:35	2	13:02	1.5
	02 Sun	07:13	9.1	19:38	8.8	01:19	1.7	13:44	1.3
	03 Mon	07:52	9.2	20:15	8.9	01:59	1.5	14:22	1.3
	16 Sun	06:08	8.6	18:38	8.7	00:06	2	12:37	1.6
	17 Mon	06:52	9.2	19:21	9.1	00:53	1.5	13:22	1
	18 Tue	07:34	9.6	20:01	9.4	01:37	1	14:04	0.7
March	03 Mon	06:55	9.1	19:17	8.9	01:03	1.6	13:25	1.2
	04 Tue	07:31	9.3	19:51	9	01:39	1.3	13:59	1.1
	05 Wed	08:04	9.2	20:21	9	02:10	1.3	14:29	1.2
	18 Tue	06:32	9.4	19:00	9.5	00:34	1.2	13:01	0.7
	19 Wed	07:15	9.9	19:40	9.8	01:18	0.6	13:43	0.3
	20 Thu	07:55	10.1	20:18	9.9	01:59	0.3	14:22	0.2
April	01 Tue	06:29	9	18:49	8.9	00:37	1.6	12:56	1.3
	02 Wed	07:03	9.2	19:21	9.1	01:10	1.3	13:28	1.1
	03 Thu	07:35	9.2	19:50	9	01:40	1.3	13:56	1.2
	16 Wed	06:05	9.5	18:32	9.6	00:07	1.1	12:34	0.6
	17 Thu	06:49	9.9	19:14	9.9	00:53	0.5	13:17	0.3
	18 Fri	07:32	10	19:54	10	01:36	0.3	13:58	0.2

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 2003

**NEW
MOON**



**FIRST
QUARTER**



**FULL
MOON**



**LAST
QUARTER**

Jan	2	10	18	25	Jan
Feb	1	9	16	23	Feb
Mar	3	11	18	25	Mar
Apr	1	9	16	23	Apr
May	1 & 31	9	16	23	May
Jun	29	7	14	21	Jun
Jul	29	7	13	21	Jul
Aug	27	5	12	20	Aug
Sep	26	3	10	18	Sep
Oct	25	2	10	18	Oct
Nov	23	1 & 30	9	17	Nov
Dec	23	30	8	16	Dec