

Guernsey Met Office

2017 Annual Weather Report

Including data from Lihou Island, Alderney and Sark



The 2017 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

On behalf of

Guernsey Airport and the States Trading Supervisory Board

Front cover photo:

Summer and autumn of 2017 brought some unusual phenomena to Guernsey's skies. These months brought some unusually large and fierce forest fires to parts of Europe and North America and on at least two occasions, high level winds carried the smoke clouds over the islands. In late August 2017, smoke from a large Canadian wildfire was carried right across the North Atlantic and over the Bailiwick. The intense heat of the fires was able to raise the smoke to considerable heights. The smoke was invisible during the day time but could be seen after sunset and before sunrise. The photo was taken after sunset on August 27th as the cirrus clouds at 35,000 feet on the right of the photo were starting to lose their light from the sun. The shining fibrous "cloud" covering most of the sky is the smoke plume coming from the west and, at 60,000 feet, still catching the oblique rays of the sun.

The photograph was taken looking west from Guernsey Airport's Control Tower Building.

Photo credit: Martin Crozier

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2017 – Senior Met Officer's Report on Guernsey Weather & Climate Change

Unlike many previous years, 2017 had no standout “weather event” to be remembered for many years to come. In terms of rainfall and sunshine, the year was very close to average and even though it was a relatively warm year; we did not get close to any temperature records. The average wind speed in April may have been the lowest on record, but this is not the stuff from which newspaper headlines are made. Nevertheless, there were individual events that made the news such as the lengthy period of fog in March that left air travellers in despair and some more subtle atmospheric effects such as smoke clouds and raised Sahara dust that had some islanders wondering what on earth was going on up there.



An almost complete 360° solar halo is observed on 1st November from the Guernsey Airport Control Tower building. Solar halos are often observed when the sunlight is refracted by tiny ice-crystals that are present in the high cloud type known as cirrostratus. Photo credit: Laura Johns

January was a relatively quiet month with a mean wind speed that was notably lower than average and even though a cold snap in the third week of the month yielded four nights when the air temperature dipped below freezing, fine anticyclonic conditions meant that there was no chance of any snow during the period.

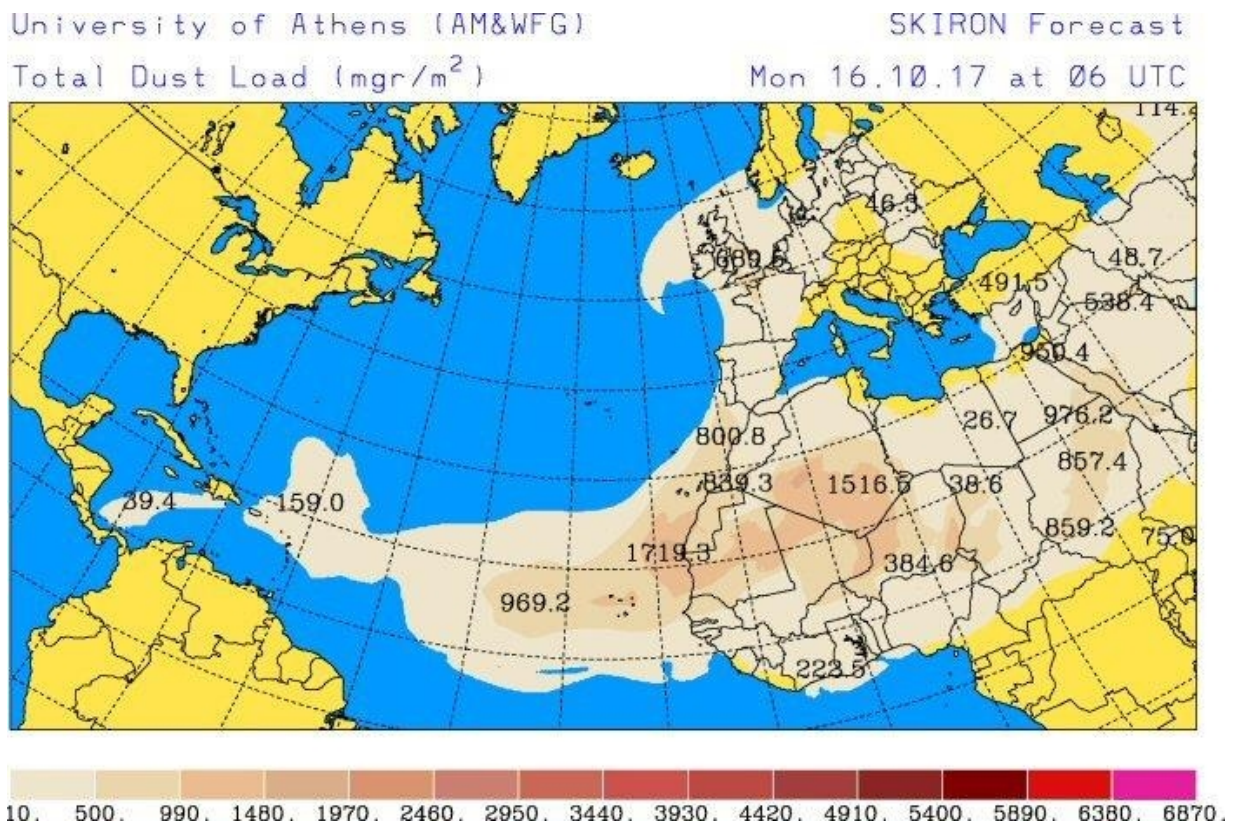
Both February and March produced long periods of fog around mid-month leading to much travel disruption but March arguably produced the worst set of circumstances for travellers when the fog descended on Guernsey Airport during the evening of Tuesday 7th March and did not clear again until mid-afternoon of Friday the 10th. To make things worse, strong winds were also blowing over the English Channel on Wednesday the 8th so ferry journeys were also affected.



The morning of 16th October saw a very dirty looking grey and yellow sky above the main terminal at Guernsey Airport. Despite little cloud, the sun was struggling to penetrate a thick dust haze which had its origins in Saharan sandstorms. Adding to the obscurity, a layer of smoke from forest fires in Spain and Portugal also crossed the islands at about 5,000 feet. Photo credit: Martin Crozier

Virtually the whole of April was sunny and dry. So sunny in fact, that statistically it was looking to be one of the best Aprils on record and so dry that no measurable rain was recorded for 21 consecutive days. A day of cloud and heavy rain on the very last day of the month put paid to the statistics, however, as the gloom ensured that Guernsey did not get its sunniest April on record and 34.4mm of rain meant that the month's rainfall total was unremarkable. In the end, the only record that was broken was for the wettest April day – a somewhat perverse footnote to a lovely month.

June produced, arguably, the best weather of an overall rather pleasant summer. At no point did the summer temperatures get even close to a record maximum, but the 18th to the 21st of June produced four days of clear skies, light winds and maximum temperatures exceeding 25°C. There were other periods of warm settled weather as well, but nothing like the summer of 2016 which was notable for its short, one to two day, record challenging heatwaves.



October 16th brought yellow, orange and even red skies across parts of France, the UK and the Bailiwick. The culprit was dust from North Africa which was pulled north by strong winds associated with ex-hurricane Ophelia. Smoke from forest fires also blew over the islands at about 5,000 feet creating an eerie dirty orange light. The dust and smoke particles were then pushed away by winds towards north-eastern Europe but remained in the atmosphere until they were sucked in towards a depression and “rained out”. Parts of Estonia recorded a “black rain” as the cloud finally cleared. Credit: University of Athens

September 2016 had been almost like a month long extension of summer but in 2017 September was a sharp introduction to autumn with relatively windy conditions, rainfall well above average and with sunshine totals and temperatures well below average. This was not the start to a cold and stormy autumn, however, as October and November were a little on the mild side and could only muster one gale over the course of the two months. December did turn stormier though with some very strong winds in the second week and again at the end of the year.

Globally there were not too many new temperature records although China, Iran, Oman and Chile did break their respective all time maximum temperatures. Large areas of northern Russia broke their summertime minimum temperature records - an example being the city of Vorkuta where temperatures fell to -4.8°C in August. Parts of Greenland also had their coldest summer on record and Summit (an ice cap station) managed to record the all-time coldest northern hemisphere temperature for July – a bone chilling -33°C despite the fact that the sun was above the horizon almost continually.

Although other years may yield greater numbers of temperature records, violent or extreme weather was often in the news. Some of the heaviest snows on record occurred in parts of Italy in January leading to avalanches that struck villages and a hotel, killing 20 people. The six year long California drought also came to an end in this month as a number of strong weather systems affected most parts of the state – especially the north. The rainfall was intense at times causing damage to infrastructure such as the Oroville Dam, considerable flooding and huge volumes of snow for some ski resorts.

The USA was very firmly in the weather spotlight in 2017 with the floods being followed by intense heatwaves in southern California, Nevada and Arizona. The July 27th event in Istanbul, Turkey had a good claim to the title of thunderstorm of the year with the storm causing considerable damage to the city and also injury to people as the associated hailstones reached the size of golf balls.

The real weather story of the year, however, was the hurricanes that struck the Caribbean and southern portions of the USA. It had been over 11 years since the continental USA had been hit by a major (category 3 or above) hurricane – the longest recorded period in Atlantic hurricane history but that all changed with the arrivals of Hurricanes Harvey, Irma and Maria. Hurricane Harvey moved into Texas from the Gulf of Mexico on August 25th as a category 4 storm causing considerable wind damage to coastal communities, however it also brought considerable quantities of rain. The slow moving nature of the rain bands caused massive flooding to the city of Houston with 30 inches of rain recorded in the city on the 26th and 27th.

Apart from Louisiana, other southern US states such as Florida were largely spared but this was to change with the arrival of Irma. Hurricane Irma – a category 5 storm – was one of the strongest hurricanes that the North Atlantic has seen in historical times. It caused catastrophic damage and over a hundred deaths across Caribbean islands such as Barbuda, St Martin and the Virgin Islands. The lowest barometric pressure recorded in the eye of Irma was 914 millibars. No official anemometers survived Irma's strongest winds; the highest gust recorded was 155mph on Barbuda before the instrument was destroyed by flying debris. Irma went on to hit the Florida Keys on September 10th as a category 4 storm before wreaking further havoc on mainland Florida.

Eight days after Irma had moved into Florida, Hurricane Maria deepened explosively to become a category 5 storm as the eye passed over Dominica and Puerto Rico. Over 500 people were killed and the damage to infrastructure was so great that electricity had still not been restored to parts of the islands by the end of the year. Maximum sustained winds in the eye-wall were recorded at 160mph. Although Maria did not make landfall in the USA, the hurricane further damaged a number of Caribbean islands that had recently been battered by Irma.

Four more hurricanes and tropical storms were to follow in one of the most active North Atlantic hurricane seasons in memory but none of them would come close to the damage caused by Harvey, Irma and Maria.

Guernsey Met Office had another busy and productive year. Laura Johns (pictured), who joined us as a Met Observer in 2016 completed her training and obtained the Aeronautical Met Observing Certificate which enabled her to work as an independent observer. Guernsey Met also upgraded its Quality Management System and obtained the ISO 9001:2015 standard. This standard is now mandatory for all Met Services in the world who provide



services to aviation. An upgrade to our Chouet weather station enabled live data to be uploaded to a website and potentially viewable by the public. It is hoped that this can be achieved in 2018 although some problems powering the station persist as the equipment is located far from any mains electrical power.

A thunderstorm in Alderney in September caused serious damage to the met station at the airport with one particular lightning bolt hitting one of our wind masts being so powerful that some communication equipment at Guernsey Airport was destroyed by the voltage coming down the copper wire from Alderney.

Fortunately, the station was already scheduled for a major upgrade in 2018 / 2019 so the

installation of new equipment was brought forward and the new station should be operational in the first quarter of 2018. In the meantime, Alderney Airport is using backup equipment. The storm resulted in the loss of some of the Alderney annual statistics normally used in this report so we are more than usually indebted to Brian Bonnard for the provision of his data from Platte Saline.

We would also like to thank Antony Dunks for maintaining the weather records in Sark and it is hoped that during the course of 2018 that more Sark data will become available in the form of wind records.

Peter De La Mare was appointed Senior Met Officer (Designate) in November 2017 and will take over my job when I retire in 2018. On a personal note, therefore, I'd like to take this opportunity to thank the all the weather enthusiasts of the Bailiwick for their encouragement and interest over these past years – whether it showed up on my PC as emails, cloud photos, observations and Twitter postings or whether a chance meeting led to a weather related conversation. It has always felt like a privilege to work in meteorology and to have been able to meet so many other people who have the same interest.

Martin S Crozier, Senior Met Officer, Guernsey Met Office, Guernsey Airport

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WEATHER HEADLINES FOR 2017

The year started out quite promisingly with the winter of 2016/2017 milder, drier and sunnier than average with only a scattering of days when air temperatures dropped below freezing.

January fared quite well with sunshine totals well above average and a period of 2 weeks towards the end of the month where we had little or no rainfall, 'book-ended' on the 12th and 27th with an inch of rain. Indeed, many islanders enjoyed mowing their lawns for the first time in January for many years. Temperatures were a little down on the average due mainly to a fine, cold snap coinciding with the dry spell, with a succession of night-time minima falling close to or just below freezing.

February started out more unsettled, but had no days where air temperatures fell below freezing as the month's prevailing winds were mostly from the southwest. As a result, sunshine was slightly down and rainfall was marginally up on the average; the latter following a stormy end to the month with an inch and a half of rain in the last 3 days.

March is probably best remembered for 'The Great Fog' which fell upon the islands late on Tuesday 7th and remained thick and extensive through the 8th and 9th before clearing to blue skies and warm temperatures on Friday the 9th. This was one of the longest periods of continuous fog experienced (some 72 hours) in the history of Guernsey Airport.

April provided us with a bizarre month, in that we had 21 consecutive days of no recordable rainfall, then on the last day of the month the heavens opened and drenched us with 34.0mm, some 85% of the month's total and making it the wettest April day on record. Wind speed was also the lowest on record for April at 7.7 knots and we enjoyed some 273 hours of sunshine, the 3rd sunniest April at the Airport.

Towards the end of May we saw 4 consecutive days with air temperatures above 20°C, giving us a brief taste of warmer temperatures to come in June. May itself was otherwise unremarkable, with Liberation Day being dry and cool, with moderate to fresh easterly winds.

Spring was warmer, slightly wetter and sunnier than average.

The summer started off quite promisingly with June yielding plenty of sunshine, temperatures up to 27.9°C on the 20th (the warmest day of the year), 15 days with no rainfall and average temperatures for the month around 2°C above normal.

July didn't turn out to be that bad either as temperatures initially kept up well with 24.2°C on the 6th and a smidge higher on the 18th. We enjoyed very little rain for the first 17 days, together with plenty of sunshine. However, the second half of the month was not as good, as a series of weather systems assailed our shores with rainfall aplenty, and a lot less sunshine.

With the month's rainfall about 50% up on the average including a couple of particularly wet days, and sunshine below average, it just seemed as though our summer might just be slipping away.

There was a period of 5 days at the end of July into the start of August where we had some 75mm (3 inches) of rainfall including some torrential downpours leading to localised flooding across parts of the island. Temperatures too, were unwilling to get going in August and it wasn't until the middle of the month that we saw in excess of 20°C, although it did warm up briefly towards the end of the month.

In fact, August was the first month of 2017 with average maximum temperatures below the long term average, and with over 2 inches of rain falling in the first 2 days of the month it felt like autumn was arriving early.

Summer effectively fell in to 2 halves with June and the first 2 weeks of July being warm, sunny and dry; and the remaining 6 weeks to the end of August wetter, duller and generally cooler. The 2nd August gave us the year's wettest day at 40.5mm rain with extensive flooding across many parts of the Bailiwick.

September continued the downhill trend with cooler than average temperatures, making it the dullest September for 30 years and the wettest since 1998, so probably best forgotten!

Something a bit more interesting occurred in October though, 30 years to the day after 'The Great Storm of 1987' as ex-hurricane 'Ophelia' passed out to the west of the UK on the 16th, dragging dusty conditions from the Sahara and extensive smoke haze up from forest fires in Spain and Portugal. This gave us 'Orange Monday' as islanders enjoyed a rather orange hue in the atmosphere. October bucked the trend of recent months, being warmer and drier than average.

Late November saw the first real cold air arrive as a run of northerly winds brought some wintry showers to our shores and overnight temperatures fall to only 3°C, but overall the month was warmer than average, slightly sunnier and drier too.

Autumn then was spot on the 30 year average with temperatures, drier, but with less sunshine. It was also less windy.

December saw a real change to some pretty unpleasant weather; we started out with quite cold conditions with some fleeting wintry showers, but it soon turned milder with increasing winds as a series of deep Atlantic depressions swept across the British Isles. Bands of rain clearing to blustery showers dominated the month making it the wettest, dullest and windiest month of 2017, and the year's highest gust at 61 knots was recorded on 10th.

We also saw the lowest December Sea Level pressure since 1954 on the 11th at 968.7mb. December also ended up with dubious honour of the month with the most days of hail; but rather strangely still managed to be warmer than the long term average.

So taken as a whole, 2017 was warmer than average, slightly wetter than normal (thanks to a very wet December) but sunnier than we would expect, due largely to a very pleasant April. Annual mean wind speed was similar to last year at 10.7 knots, the 3rd equal lowest wind speed since records began at the airport.

January

With December departing with yet more dry days, meteorological eyes turned to a cold front which was slowly moving south over the UK on New Year's Day. Its progress, already painfully slow, was delayed even more by the formation of an area of shallow low pressure over the English Channel which then moved slowly south-west. Both New Year's Day and the 2nd were essentially cloudy, but the frontal rainfall did not arrive until the 2nd yielding a meagre 3.7mm of rain before a strong ridge of high pressure toppled south across the islands bringing a fine day on the 3rd.

A new set of fronts then tried to intrude from the north on the 4th, but the strength of the ridge ensured that they brought little more than cloud to the islands. By the 5th, a strong anticyclone was centred over northern England and, unsurprisingly, a fair day followed after one of the ground frosts that were to prove numerous this month. Weak fronts attempted to move east into the Channel on the 6th and 7th, eventually producing small amounts of rain and drizzle accompanied by misty conditions. These fronts then ground to a halt over the islands giving the first fog day of the month.

With depressions deepening in the Atlantic and the weather systems becoming more mobile, the semi-permanent anticyclone of the 2016/17 winter began to give ground as a cold front moved in on the 9th. This produced rain through the afternoon and an increase in wind speed towards more traditional winter velocities. Isolated showers having died out on the 10th, the day clouded up rapidly as a warm front sped in from the west heralding the only seriously unsettled spell in the whole month.

Although a deep depression was drifting past the north of Scotland on the 11th, the synoptic situation did not look particularly threatening, however the forecast models had picked up on a threat lurking out in mid-

Atlantic – a tiny wave depression forming on the cold front that raced through the islands during the late morning, chasing the drizzle away and replacing it with a dry, blustery westerly airflow. The central pressure of this low was 1031mb at midday – higher than some weak anticyclones – but it was beginning to move into an area which would greatly encourage its development.

By midnight the low was racing eastwards and the central pressure had dropped by 10 millibars. Six hours later – at 6am on the 12th - the central pressure had dropped another 10 millibars to 1011 millibars and the low was entering the western approaches. At this point, the depression entered a period of what meteorologists call explosive cyclo-genesis. As it tracked east up the English Channel before crossing the French coast near Calais the depression deepened 27 millibars in the next 12 hours turning into a very intense feature as it went. Unsurprisingly, the 12th was a stormy day – the only day in the month when a gale was recorded – with a top gust of 55 knots at Guernsey Airport. It also proved to be the wettest day of the month with 14.0mm of rain and the only day when sleet or snow fell during the month – though few people would have been around to see the wintry showers falling the following night.

Following this brief period of meteorological excitement, a few weaker fronts crossed the islands from the north-west on the following two days before the winter's normal pattern of nearby intense anticyclones re-asserted itself. By the 16th, strong anticyclones were centred over Norway and the south-west approaches with the weather fronts between them - and over the islands - having the life squeezed out of them. On the 16th and 17th, the fronts were active enough to produce a little light rain and drizzle, together with misty conditions at times, but as the European anticyclone became more intense, a light easterly developed over the Bailiwick with colder drier air being brought in from the continent.

Up until now, the month had been generally mild, but clearing skies now encouraged night time temperatures to go lower and increasingly cold, dry air spread in from Europe. The 17th saw the start of a period of 10 completely dry days. For most of this period, winds remained generally light and sunshine amounts were high on many days giving the impression of very pleasant winter days. Only on the 20th and 21st – when temperatures did not exceed 4.8°C and 3.1°C respectively – did the days feel unusually cold. At night, however, it was a different story with temperatures falling below freezing on 3 consecutive nights from the 20th to the 22nd inclusive. Islanders who left their cars outside overnight became used to a morning routine of scraping ice from the windows.

The ridge of high pressure over the UK continued to hold firm until the 22nd and a little beyond, but the main anticyclone was now drifting south into Switzerland causing the airflow over the islands to veer south-easterly. This encouraged higher daytime temperatures, but with higher humidity and ground surface temperatures still below freezing at night, white frosts on some roads became more of a problem during the early mornings with some road traffic accidents resulting.

As a warm front began to push east towards the western Channel on the 24th, it looked as though mild weather was about to return, but falling pressure over Biscay turned the winds south-easterly again on the 25th bringing the cold continental air back. The 26th arguably felt like the coldest day of the winter so far as fresh south-easterlies and sub-zero temperatures greeted early morning commuters. This was, however, the last gasp of the cold weather as Atlantic fronts were now pushing in close to the islands. The fronts were not particularly active, however they were moving slowly so that when the rain arrived on the morning of the 27th, it persisted many hours and yielded 12.2mm of much-needed rain.

A series of fronts moving east across the Bailiwick then kept the weather mild, wet and almost completely overcast for the remainder of the month with the last three days being sunless. Despite the gloom, rain and mildness, the change had come too late to alter the statistics for the month which showed a notably sunny and dry month with below normal temperatures – especially the night time minima. With a 12 month running total of only 681.8 mm of rain and a reservoir that is at notably low levels for the time of year, we await the final month of winter to see if it can provide us with substantial rainfall.

February

The first two months of winter having been rather benign and anticyclonic, it was noticeable that the weather charts on the 1st February looked reassuringly normal for the time of year. With low levels of water storage, many people were hoping for a wet month so that water restrictions in the summer could be avoided. The early charts of the month showed Atlantic fronts and areas of low pressure queueing up to affect the islands, so it was no surprise that the first week of the month was rather wet.

A warm sector over the islands on the 1st gave the normal mix of mist, fog patches and some generally light rain and drizzle, but more impressive developments were happening to the south-west of Ireland where, by the end of the day, a deep depression of 959mb had become established. This low then began pushing a succession of weather fronts east over the Channel accompanied by strong southerly winds. This airstream ensured that the 2nd was the mildest day of the month, but the bulk of the rain did not arrive until the following day and the night of the 3rd / 4th – the culprits being a couple of secondary depressions.

Both of these depressions were fast-moving and rapidly developing and both initially worried local forecasters as it appeared that they may cause severe weather across the islands. In the event, however, it was western France that bore the impact of the severe weather with gusts of up to 92 mph, structural damage and a quarter of a million people losing electricity. The highest gust at Guernsey Airport was a mere 48mph but the depressions did give us just short of an inch of rain over the course of the 2 days. By the evening of the 4th, another Atlantic depression was moving in from the west and this tracked east across Northern Brittany during the 5th bringing a wet, foggy start to the day which then cleared to fresh northerly winds.

By the 6th, an anticyclone was intensifying over Scandinavia and with a ridge of high pressure also intensifying across the Channel, the next batch of Atlantic fronts were having a harder time making progress into the British Isles. Although the fronts struggled their way past the islands, they ground to a halt over eastern England and Eastern France and by the 8th they were beginning to be pushed back west again as a very weak feature. The anticyclone was, by now, spreading colder temperatures gradually westwards across Europe and it would be responsible for the only chilly period in what would otherwise be a mild February.

The easterly, when it arrived, however, was not accompanied by the clear skies and air frosts that had featured in the easterly outbreaks last month. Instead, the airstream was fairly cloudy and with the wind direction initially south of east it was mainly dry. By Friday 10th, the wind direction was turning north of east and with the airflow picking up moisture from the eastern English Channel, a few wintry showers were able to form. The 11th was easily the chilliest day of the month with scattered showers of sleet, snow and hail with a daily mean temperature of 2.7°C.

Changes were now happening in the synoptic situation, however, as a shallow depression over eastern France began to drift north and then west, bringing much warmer air from the Mediterranean up towards the islands. The associated warm front moved across the islands on the evening of the 12th and while it did not bring a great deal of rain, temperatures on the 13th managed to reach a very mild 11.3°C. By the 14th, further Atlantic fronts were edging in from the south-west but these weakened as they encountered the remnants of the anticyclone over Norway and did not produce much rain over the Bailiwick.

A new anticyclone formed over France on the 15th and with light winds and high humidity, fog began to become a problem over the islands. Patchy fog affected Guernsey Airport on the mornings of the 15th and 16th but became more of a problem later on the 16th with some flight delays accruing. Thick fog then persisted until mid-afternoon of the 17th bringing major disruption to air travel in the Bailiwick. The weekend that followed was mild but a very sunny Saturday 18th was followed by a much cloudier Sunday with, ominously, some more fog later in the day. By the 20th, although high pressure was still in charge, further weak fronts were pushing east across the islands, bringing a renewal of the very humid airflow. It is not often that fog affects Guernsey Airport for over 24 hours without even a short break, but this is what happened on Monday 20th. Patchy fog

then continued into the morning of the 21st before the backlog of weary and delayed air travellers could be finally cleared.

By the 22nd, the islands were still in a warm sector with misty, drizzly conditions and a cold front over southern England was not making any great progress to change matters. This long, trailing front, however, was also giving the opportunity for a fast moving, rapidly developing low to move rapidly from mid-Atlantic to northern England where it duly arrived on the following day as an intense feature giving damaging winds over parts of England. As far as the islands were concerned, it cleared the fog away quite abruptly leaving us with a mainly sunny though breezy day.

As February started drawing to a close. It appeared as though it would be the third winter month in a row with below average rainfall. A return of the mild south-westerlies on the 25th produced little more than light rain, drizzle and mist on the 25th and 26th but once again the Atlantic weather systems were becoming more active. A number of active fronts and showery troughs swung east over the Channel over the final two days of the month giving regular lashings of rain with hail, thunder and even a brief gale thrown into the mix. This period of wet and wild weather – a feature that was so lacking in the winter of 2016/2017 – dominated the last two days of the winter and yielded 33.4mm of rain – enough to take the monthly rainfall amount above average.

Despite the last minute flurry of rain and weather, February marked the end of a dry winter (the winter in Sark was actually the driest since comprehensive unbroken records began in 1994). February was a mild month, but not overly so, as was the winter. Once again, wind speeds were lower than normal on an averaged basis. The winter produced no lying snow but rather more frosts than in previous years and, arguably, unless you were an air traveller delayed greatly by the fog, not a winter that will be remembered for any specific event or damage to infrastructure.

March

March is traditionally a very variable month. Some years, the weather patterns ensure that March is a bitterly cold extension of the traditional winter months; other years bring a milder and sometimes spring-like month. 2017 saw the latter of the two options but initially the month looked very cyclonic and kicked off with a dull, wet and foggy start - the sun only breaking through towards the end of the first day of the month. The culprit was a complex depression over southern England which had managed to ensnare many weather fronts – both old occlusions and some more active fronts pushing in from the Atlantic.

The ridge of high pressure that followed the complex depression on the 2nd was very weak and did little to abate the strong winds and scattered showers that had followed. With a new complex depression moving slowly east into the western approaches of the English Channel, the prospects for more rain looked good and the approaching fronts did not disappoint. The warm front managed some heavy rain before dawn but it was the cold front that was to impress rather more - bringing a thunderstorm with violent rain later in the evening. A total of 11.3mm of rain fell during the course of the day.

Saturday 4th was a showery day as the complex low became slow-moving over the Irish Sea, but it proved to be merely an interlude between weather events as new depressions and fronts were rushing in from the Atlantic in what was now a very mobile weather situation. Fronts arrived early on the 5th, followed quickly by squally rain and hail showers in what would be the windiest day of the month. A gust at Guernsey Airport of 47 knots was recorded, although the squally nature of the wind meant that the mean speed did not quite achieve gale force. With a further active depression moving into western Brittany overnight, rainfall totals for the 5th reached 21.0mm giving another major boost to the still somewhat depleted reservoir.

Although the depression tracking across Brittany and into central France carried some damagingly strong gales into western France, the islands were spared anything more than a strong breeze, and by the end of the 6th the sun was out and only isolated showers were in evidence. Unknown at the time, the sun would not reappear for quite some time. The reason for this was a ridge that was building in from the west behind a warm front that itself arrived early on the 7th. The warm front was instrumental in bringing some mild and very humid air in

from the south-west and the ridge was instrumental in holding up the movement of a cold front that would have otherwise swept in some clearer fresher air.

In other words, the stage was set for the great fog of March 2017. Patchy fog descended upon the top of the island on the afternoon of Tuesday 7th but flights did not experience much disruption until the evening when the fog thickened notably, encouraged by light rain and drizzle. The following day saw continuous fog – some of it notably thick during the afternoon and evening. Air passengers generally went nowhere unless they headed for the ferry. Some waited to see what Thursday 9th brought and were disappointed with a repeat performance of continuous fog through the whole day. The fog persisted throughout the following night and then through the morning of Friday 10th. Finally, and seemingly miraculously, the afternoon fog cleared to blue skies and warm sunshine. This, then, was a fog that persisted almost 72 hours – one of the longest periods of continuous fog in Guernsey Airport's history.

The ridge of high pressure had ushered in a spell of anticyclonic weather but conditions were not entirely settled over the next few days with weak fronts periodically introducing banks of cloud, outbreaks of drizzle and yet more patchy fog on the 14th, 15th and 16th. Finally, on the 17th, a weak cold front cleared the islands but the more mobile westerly that then arrived speedily brought back the humid airflow of 10 days before. Fog banks affected Guernsey Airport on the 18th, but it was not until lunchtime that the thickest fog arrived preventing any further flying for the rest of the day. Mercifully, this was to prove to be the last significant period of fog in the month of March.

Wind speeds were picking up by the 20th as the weather systems became more mobile once more, and by the 21st the barometric pressure was falling quite quickly over the west Channel. Only small amounts of rain had fallen since the 5th, but this was soon to change as an area of low pressure over southern England and the Irish Sea deepened and pushed fronts across the islands. Showery conditions on the 22nd continued into the 23rd with the showers becoming heavier and merging into longer periods of heavy rain during the evening. With the low pressure transferring slowly south into France, winds over the Bailiwick were light and the areas of rain were slow-moving. This conspired to give the island its wettest day of the month with 22.5mm being recorded.

Rather surprisingly, this was almost the last measurable rain of the month as an anticyclone now became established over the UK bringing easterlies to the islands. Easterlies in March can often be bitterly cold, but this airflow had its origins in the eastern Mediterranean rather than Russia and was therefore pleasantly mild. In fact on the 29th and 30th, the weather could almost be called warm with temperatures reaching 15.0°C and 16.7°C respectively. Weak fronts encroaching from the south-west on the 30th and 31st were not able to change the situation greatly.

Despite a strong breeze at times, good long sunny periods over the course of the last week of the month helped March back to almost an average month for sunshine despite the days of fog and gloom earlier. The warmer temperatures of the last week also ensured that the month's average temperature fell into the very mild category although it was well short of a post-war record. Many people would have considered the month to be rather dry (most of the rain falling – occasionally unnoticed - at night), but the heavy rainfalls of the 5th and 23rd ensured that the total for the month was a little above normal.

Finally, it's worth noting that the air frosts of January, the absence of gales, together with some heavy rain and warming soil temperatures have created a superb display of spring flowers and blossom this year – a sign that there is colour and hope for better days after the many hours of thick grey fog that occurred mid-month.

April

April was a very quiet and pleasant month weather-wise but it had a very memorable ending – more of that later. At the start of the month a weak trough was moving east across the UK and the English Channel. The airstream was mild and humid for the time of year but the trough produced no more than a few very light showers. A ridge of high pressure moved in on the 2nd bringing a fine sunny day – a weather type that was to prevail for most of the month. Before the weather became completely settled, however, a humid south-south

westerly airflow moved in on the 3rd as the ridge drifted away east. This brought some particularly thick fog which affected the airport for the first part of the day; however there was relatively little disruption to flights as the fog thinned substantially by mid-morning before disappearing under the onslaught of strong springtime sunshine above the fog layer.

Weak fronts crossed the island overnight bringing 1.7mm of rain – a total that would have been unremarkable apart from the fact that it proved to be the only measurable rainfall until the final week of the month arrived. A new anticyclone was building near to south-west Ireland and although the fronts had ground to a halt over the Channel, rising atmospheric pressure suppressed the frontal activity leaving little more than a band of cloud, a few spots of drizzle and some fog patches. By the 5th, even the cloud had gone leaving the islands with several days of sunny anticyclonic weather. Temperatures – already on the mild side for early April – began to creep up even further by Friday 7th as the anticyclone drifted slowly into the Continent, bringing a warm south-easterly airflow up from France.

Saturday 8th proved to be the warmest day of the month with a very creditable maximum of 18.4°C. Thereafter, with a new anticyclone forming to the west of Ireland, the airflow switched to a cooler north-westerly although the sunny days persisted. By mid-month, Scotland and Northern England had turned unsettled and during the course of the 12th and 13th, a weak front crept southwards into the Channel but did little more than reduce daily sunshine totals somewhat. It was not until the 15th that another weak front managed to arrive and produce a little drizzle.

Unusually, the first half of April 2017 was warmer by almost a degree over the second half. Winds during this period – and in fact for nearly the whole month – were notably light and this, combined with much strong sunshine, made the first half of the month feel even warmer than it was.

Given the nature of the month, it seemed no surprise that Easter Sunday was sunny from dawn until dusk but another weak front intruded early on Easter Monday, producing a band of cloud that blocked the sunshine until afternoon. By Tuesday the 18th, the axis of the almost ever-present anticyclone lay to the north of the islands and a rather chillier north-easterly breeze sprung up. Daytime temperatures in the sunshine held up quite well but nights became colder with a couple of ground frosts recorded on the 19th and 20th. By the 24th, no measurable rainfall had occurred for 3 weeks and with the island officially in drought, farmers were beginning to worry about the state of their fields.

A depression, meanwhile, had begun to develop near Scotland and deepen as it moved into south-western Norway. Weak fronts moved south across the followed by a cold northerly but they didn't look like producing much rain in the islands. April weather records appeared, at this point, to be looming if the fine settled weather continued. It seemed possible that the month would be the driest April for almost 80 years and there also seemed a good chance that April 2017 would break the post-war record for the sunniest April.

The weak cold front passed through the islands during the early hours of the 25th bringing 0.3mm of rain – enough to technically end the drought. Light rain and hail showers brought another 0.5mm on the following day, but the airstream which brought us our coldest temperatures of the month with a low of 3.6°C and a ground frost on the 27th also brought very low humidity levels so scarcely was the surface of the ground wet then it had dried out again. The clear airflow also brought 35.9 hours of sunshine during the period from the 25th to the 27th.

The 28th was a milder, cloudier day with occasional very light rain not amounting to a measurable amount but out in the North Atlantic significant developments were taking place. A deep low was developing to the south-west of Iceland and, even though it was slow moving, it was producing a strong trough of low pressure towards the west Channel. Weather forecast computer models had initially marked this as a minor feature, but by the 29th it was obvious that a new deep area of low pressure developing in the western approaches would give the islands some bad weather. The fronts arrived around dawn on the last day of the month at roughly the time when the low split into two and became complex and slow-moving.

A fairly steady rain began to fall around dawn, becoming heavy for a time around mid-morning. After a brief respite, more heavy rain arrived by mid-afternoon and continued into the evening. Winds began to pick up and a night of torrential rain followed. The rainfall total for 30th April (a period which technically actually ended at 10 am local time on the 1st of May for historical climatological reasons) was 34.0mm, the night having produced hail, lightning and short periods of violent rain – a rare occurrence outside the tropics.

Instead of creating a new record for the driest April since records began at Guernsey Airport, we now have a new record for the wettest April day. The sunless day on the 30th also prevented the island from equalling the record for the fewest sunless days in April and also ensured that we fell just short of a new sunshine record. Whilst many people will remember the rainfall of the 30th for wrecking assorted sporting and leisure events on the long bank holiday weekend, it should not detract from the fact that April 2017 was one of the best Aprils in recent years for the same outdoor pursuits.

May

In many years it appears that the weather, rather malevolently, stores up the worst conditions for bank holiday weekends and Bank Holiday Monday May 1st 2017 was no exception to this rule. The day recorded the lowest temperatures of the month with a maximum of only 10.2°C and a minimum of 6.7°C. At various points in the day, violent rain, hail and lightning could be observed. It was also the windiest day of the month by some margin, with a gust to 45 knots during the morning. Just to wrap things up, rain persisted through most of the day, only clearing during the early evening. Although this was a nightmare scenario for many organisers of bank holiday events, it was definitely not indicative of the weather to follow for the rest of May.

The culprit for the bad weather was a depression moving slowly east over southern England and although this feature was initially reluctant to depart, by the following day it was filling rapidly and moving off to the south-east. As most people returned to work on the 2nd, therefore, the day was irritatingly dry and calm with over 13 hours of sunshine. By the 3rd, an anticyclone near Norway was pushing a ridge of high pressure south-west towards the islands. Winds switched to the north-east – maintaining the rather cool temperatures – and bringing in partly cloudy and hazy conditions with the cloud thickening sufficiently on the 4th to bring a light shower in the morning.

With the anticyclone now centred near Iceland and thundery low pressure creeping east into western France, the stage was now set for some fresh easterly winds on the 5th. Fronts creeping up from the south also began to make their presence felt and the 6th was a rather miserable sunless day with long periods of mainly light rain, mist and – eventually – fog. By the 7th, the Bailiwick was lying in a col with high pressure over Iceland and Spain and low pressure in mid-Atlantic and over Russia. Cols are usually distinguished by rather light winds and mixed weather and the 7th provided no exception to the rule with a mix of sunshine, cloud and fog. The anticyclone over Iceland assumed the dominant role on the 8th by pushing a ridge of high pressure south-east over the Channel and re-introducing the north-easterlies and fair weather for a couple of days. Liberation Day was sunny, although a little cool for people who chose to sit in the breeze.

The 10th saw the previously mentioned Atlantic depression, which had been almost stationary, finally make its move towards northern Spain and western France. In the islands, however, the 10th was still a sunny day with the frontal systems associated with the depression only intruding after dark and producing some showers overnight. The following two days were a different story, however, as multiple fronts drifting up slowly from France led to rather cloudy, misty and showery weather. As low pressure over France drifted away north over the UK on the 13th, the sunshine returned but Atlantic low pressure was still lurking to the west and this low was to push a succession of fronts slowly towards the islands over the course of the next few days.

Initially, the oncoming warm front did little except produce extensive cloud, a little rain and some very muggy conditions, but as more complex frontal structures followed, a small area of low pressure began to form near to the islands and this delayed the passage of the fronts. The result of this was that rain which began on the evening of the 16th gradually became more persistent and intense and ultimately lasted for over 24 hours.

Conditions also became misty with fog banks at times. In the end, well over an inch of rain fell on the island – refreshing fields and gardens that had, up to that point, been drying out.

During the course of the 18th and 19th, a cooler, drier north-westerly set in but high pressure then moved into the Bay of Biscay and France bringing a warmer and more humid south-westerly airflow by the 20th. The high then retreated east, allowing an even warmer south-easterly to prevail. Temperatures reached 19.4°C on the 22nd before a cloudier and foggier airstream from the Atlantic briefly intruded. By the 25th, the easterlies were back, bringing in very warm air from the continent. Temperatures reached 21.3°C on the 25th and then 24.4°C on the following day with almost continual daytime sunshine on the two days.

On the evening of Friday 26th, with a bank holiday weekend arriving, the islands were treated to a rather spectacular lightning show and whilst this did not culminate in any appreciable rainfall, it did herald the arrival of the fog early the following morning. This ushered in a rather cloudy and misty day with fog banks swirling around through the morning but more unsettled weather was on the way for Sunday 28th with thunderstorms passing over the islands both morning and evening. Very little sunshine was in evidence on both this day and the Bank Holiday Monday which featured some rather frequent light showers and also extensive fog which did not clear until late afternoon.

During the course of the weekend, the thundery low that had formed over the Bay of Biscay moved north into Wales to be replaced by a strengthening ridge of high pressure. Accordingly, with the bank holiday weekend over, the weather on the last two days of the month then turned dry and mainly sunny although a few fog banks were in evidence from time to time.

May was a rather interesting month statistically. Although technically it was a little duller and wetter than normal, the high daytime temperatures – especially towards the end of the month – gave it a very pleasant feel. As in April, wind speeds were generally lower than normal and with the humidity levels often high, May felt more like a summer month rather than the last month of spring. No records were broken and there was not a great deal of significant weather although the significantly bad weather fell almost exclusively on the Bank Holiday weekends. Regular outbursts of – often heavy – rain kept the island green during a month when parts of mainland Britain started to worry about drought and there were a number of good beach days to keep younger (and older) lovers of the seaside happy.

June

June began with one of the best days of the month – almost continual daytime sunshine, a light south-easterly breeze bringing warm air from the continent and the temperature reaching a very pleasant 23.2°C. A strong ridge of high pressure was in residence directly over the islands and although it was giving way slowly to weak fronts from the west, cloud cover failed to encroach before dark. On the following day, however, a very weak warm front brought some cloudy spells; a period of fog and some very light rain although there was still room for several hours of sunshine. A weak cold front then passed almost unnoticed overnight introducing a largely sunny though cooler weekend with maximum temperatures around 17°C on both days.

By Monday 5th, the weather charts were taking on a rather more unsettled look with the Atlantic brewing several depressions that looked unusually strong for a summer month. The first of the associated weather fronts arrived at about midday accompanied by quite strong south to south-westerly winds. The depression which tracked across southern and central England deepened steadily until the central pressure reached 984mb – an intensity which would not have been unusual in a mid-winter low pressure system. As a result, the fronts were certainly active and produced a total of 20.5mm of rain and showers during the second half of Monday and overnight. This was to provide the islands with over half of their monthly rainfall total and was the wettest day by quite some margin. The strong winds also peaked overnight with a gust to 43 knots.

Fast moving depressions, however, usually bring swift clearances of their associated poor weather and this one was no exception as scarcely had the showers ceased but the sun was out on the following morning with 13.5 hours of sunshine recorded on Tuesday 6th. The strong wind persisted though, helping to make the day the

coolest of the month with a mean temperature of only 12.6°C. Briefly it then appeared that month had turned very unsettled as new fronts raced in from the west bringing periods of cloud, fog and light rain on the 7th, 8th and 9th, but instead the month was to take a different turn entirely.

By the weekend of Saturday 10th and Sunday 11th, high pressure over north-west Spain had established a strong ridge to northern France. Not only did this bring the sunshine back, but winds from a southerly quarter also raised temperatures somewhat. A weak front introduced some fog and drizzle for a time on Sunday morning but the ridge of high pressure would not be denied and fine weather soon returned with the anticyclone centre transferring over the islands on Tuesday 13th. The following week saw very little in the way of cloud at all with some high daily sunshine totals not least on the 17th when 15.1 hours was recorded – almost certainly the sunniest day of the year.

Subtle changes in the pressure pattern produced some variations in temperature over the islands. On Wednesday 14th as the anticyclone drifted east into northern Germany, the resulting south-easterly airflow brought warm continental air up over the Channel and gave a maximum temperature of 22.5°C at Guernsey Airport. By contrast, however, as the centre of high pressure switched to north-west Spain the following day, Thursday's maximum was only 17.8°C in light to moderate westerly breezes. By the weekend the centre of the anticyclone was again moving slowly east over the Bailiwick, once again setting up a situation for very warm easterly winds from the continent.

Sunday 18th marked the start of a 4-day period where maximum temperatures at Guernsey Airport exceeded 25°C. With light winds and strong sunshine, the beach was the place to be and with two warm nights during this period also, houses and buildings without air conditioning tended to become very warm indeed. Although the period did not meet the international criteria for a heat wave, most people regarded it as such and even though no long period weather records came close to being broken, the length of the settled weather was in contrast to the more isolated hot days of the past 2 summers.

A spell of very warm summer weather often tends to end noisily with a thunderstorm moving across the islands, but when the settled, warm weather finally broke on Wednesday 21st, it did so quietly and in the form of a thick blanket of fog moving in from the sea. A small collection of weak fronts followed the fog and the cooler and cloudier airflow from the west made for a very different weekend on the 24th and 25th with Saturday being the only sunless day of the month and maximum temperatures down about ten degrees on the previous weekend.

Despite the drop in temperatures, many island gardens were starting to look rather parched by now as 15 days had passed without measurable rainfall and some light drizzle over the weekend hadn't helped. Hope was, however, at hand in the form of a rather small and innocuous depression to the south-west of Ireland. This began to deepen and drift east on Tuesday 27th producing 4.6mm of showery rain in Guernsey. This, in itself, would have made little difference to soil conditions but the low pressure system was then joined by another and eventually these merged into a complex area of low pressure that became slow moving over southern England and Northern France. This was not a particularly active system with a lot of heavy rain but what the rainfall lacked in intensity, it made up with persistence – with the result that another 10mm of rain fell at Guernsey Airport on the final three days of the month.

Overall, June proved to be a good start to the summer of 2017 with above average sunshine totals and many days of warm breezes from France. There was no spectacular or damaging weather during the course of the month which is most likely to be remembered for the long and very pleasantly warm spell in the third week of the month. This, especially, helped the month to record one of the highest June average temperatures since records began in 1947 although the first month of the scorching summer of 1976 retained the absolute record fairly easily. Rainfall was a little below normal but not unusually so, whilst air travellers were relieved that the month did not produce anything like the amount of fog that has plagued this month in previous years.

July

July was a largely disappointing month weather-wise, being duller and wetter than we would normally expect, but at least temperatures continued the recent trend of being slightly warmer than average. Indeed each month since last December has now proved to be warmer than the 30 year average.

The month started out with an unsettled look to the North Atlantic weather charts with a series of low pressure systems rolling in from the west whilst the Azores High remained stubbornly well to the south. Despite this, sunshine totals for the first couple of days were fairly respectable with any light rain, drizzle and fog patches being restricted mainly to the hours of darkness. A slow moving warm front was reluctant to clear on the 3rd, though, with drizzle and hill fog patches through the morning, gradually clearing through the afternoon. Patchy fog returned overnight before clearing away through the morning of the 4th. Extensive high cloud then plagued the Bailiwick for the rest of the day, but we still managed nearly 10 hours of sunshine.

Slack low pressure over Spain and southern France and a slow moving anticyclone over the UK drew warm, largely dry, air up from the near continent over the next 5 days, with plenty of sunshine, and pleasantly warm temperatures, locally in to the low to mid 20's Celsius. Overnight temperatures dipped to only 17.3°C by the small hours of the 6th. No rain fell from the 4th to the 8th inclusive, and we enjoyed the sunniest day of the month on the 7th with 14.9 hours of unbroken sunshine.

High pressure over the UK was now beginning to lose its dominance, allowing another series of Atlantic weather systems to push in from the west, but the effects locally were not really felt until the early hours of the 10th with distant lightning and light rain showers. It remained generally cloudy through the day, with some more moderate bursts of rain overnight in to the 11th. More rain followed that afternoon, together with mist and hill fog patches with temperatures struggling up to the mid to high teens.

The fog reluctantly cleared through the morning of the 12th as a cold front swept down across the Channel with a clearer, brighter airflow as pressure once again built over the UK. We then enjoyed a quiet couple of days with pleasant temperatures, mostly clear skies and good visibility. The high pressure then slipped away to the east but there were signs now of the Azores High extending a ridge up through Biscay and western France. This had the effect of introducing a moist south-westerly airflow over the islands leading to thick fog through the early morning of the 16th, clearing only later that morning before returning again that evening. A cold front slowly waved its way down over the Channel on the 17th leading to a cloudy, but dry day in the islands, before retreating northwards again overnight in to the 18th.

Extensive and quite spectacular medium level cloud, Altocumulus Castellanus, developing over France heralded a change to more unsettled conditions during the morning of the 18th as thundery low pressure rolled up from France. Warm, humid air led to the month's highest temperature of 24.7°C being recorded just prior to a spectacular thunderstorm early that afternoon, yielding nearly 9mm of rain in just over an hour. Interestingly, central and eastern parts of the island experienced similarly heavy downpours of rain during the storm, whereas the west received very little.

These same thundery cells continued their progress northwards to affect the south coast of the UK, leading to severe flooding in several areas, including the village of Coverack in Cornwall.

The 19th saw a cold front move in to the western approaches but with the islands still in the warm, humid air from the previous day, an unusual combination of hill fog and showers affected the Bailiwick later in the day and overnight into the 20th. By dawn on the 20th, conditions had improved markedly with drier air, better visibility and over 12 hours of sunshine recorded that day.

Low pressure bringing showers and more blustery conditions moved in from the west and became slow moving over the UK from the 21st, with south-westerly winds and slightly below average daytime temperatures. The 21st produced over half an inch of rain during daylight hours and also held the dubious honour of being the windiest day of the month. Showery conditions continued through the 22nd before a

couple of days of quieter weather as the centre of the low pushed away eastward introducing a drier north-westerly airflow. It was a brief respite though as yet another Atlantic low swept in during the early hours of the 26th, bringing rain, drizzle and hill fog to the islands, and disrupting air travel for most of the day, before a clearance late that evening. The 27th dawned clearer but with a fresh south-westerly wind pegging temperatures back below the average for late July.

The unsettled theme continued for the next few days with periods of rain, drizzle and hill fog as an active waving cold front lingered in the Channel. The 29th yielded the month's highest daily rainfall total at 21.7mm, just under a third of the month's total and the wettest July day since 2004. Jersey, by comparison, received only 2.0mm of rain that day!

That waving front finally pushed through in the early hours of the 30th leaving us with a few light showers before a dry and sunny end to the month on the 31st.

After a promising start to summer, the previous month, July 2017 turned out to be rather disappointing, the 2nd dullest since 1998 and the wettest since 2009. Temperatures, though, were above average overall.

August

A weak ridge of high pressure covering northern France and the Channel ushered in the new month, with a bright start to the 1st with light winds and temperatures up to a respectable 19.2°C. High cloud was already spilling in from the west during that afternoon though, ahead of a deepening area of low pressure sweeping in from the north Atlantic. Rain started falling in the early hours of the 2nd, becoming moderate, then heavy and continuous through the morning. Extensive flooding across many parts of the island, together with fresh to strong southerly winds made us all wonder where summer had disappeared to! By the end of the day we had recorded 52.6mm (just over 2 inches) of rain, midnight to midnight. Official statistics revealed it was the wettest August day since 1993. Similar totals were recorded in Sark and Alderney.

The 3rd brought drier, fresher conditions as the weather fronts responsible for the previous day's soaking cleared away to the east. Low pressure maintained its dominance across the UK though, centred off the east coast of Scotland and driving a strong showery, westerly flow across the country.

Conditions improved slowly through the 5th & 6th with just the odd shower and plenty of sunshine. Temperatures were a smidge below normal though, as the Azores High extended its influence up through Biscay and the Channel. This influence kept us out of harm's way as further Atlantic fronts brought periods of rain to central and northern parts of the UK.

Our luck finally ran out on the 9th however, as the anticyclone eased away to the west allowing a cool, northerly flow to run down the UK. Relatively warm sea temperatures locally, pepped up some hefty showers and we were treated to heavy downpours and a thunderstorm around dawn that day. Showery rain affected the islands for the rest of the day, again with disappointing temperatures and gusty winds.

The 10th dawned bright and clear with light winds as high pressure briefly nosed its way up the Channel once more. This was rather short lived though as a weak warm front pushed its way in late on the 11th, bringing rain and drizzle to our shores by evening. Fog and drizzle spoiled the start of the 12th, but it soon brightened up as the clearing cold front edged its way southward to allow a transient ridge of high pressure to give us a pleasant weekend, albeit with still disappointing temperatures.

A warm plume of air moved up from the south during the course of the 14th with temperatures exceeding 20°C for the first time this month, and distant lightning was observed to the southeast late that evening. Despite a series of weak Atlantic fronts replacing the anticyclone during the course of the 15th, we remained dry with plenty of sunshine.

Low pressure once again made its presence felt across the UK as yet another system swept in across northern Britain on the 16th, with rain locally by late evening. This turned to drizzle with hill fog in the early hours of the 17th before clearing by mid-morning. The low pressure system was reluctant to move away and so the next couple of days saw the Bailiwick experience cool, blustery conditions with a sprinkling of showers.

By the 20th, pressure was building sufficiently from the southwest to bring arguably the most settled spell of the month with only some light rain and drizzle late that evening with mist and fog patches that were reluctant to clear during the morning of the 21st. Thereafter the high centred itself over Eastern Europe pulling warm air up over the islands with temperatures in to the low twenties°C through the next few days, with plenty of sunshine. Shallow fog formed readily before dawn on 25th & 26th but soon burnt off as the islands briefly returned to our long lost summer. The 28th gave us the warmest day of the month, topping out at 25.0°C.

Atlantic fronts were waiting out in the wings though and as the high lost its grip over central Europe, cloud thickened locally during the afternoon of the 29th with rain arriving by dawn on the 30th. This system yielded little rain but dropped our daytime temperatures down to the low to mid-teens as a cooler fresher north-westerly flow established itself across the UK, bringing a real hint of autumn.

Slack pressure covered the whole of the UK by the 31st with bands of slow moving showers closing out what was a disappointing month overall, and a series of heavy showers late on the 31st pretty much put paid to our summer.

August was only the second month this year with temperatures below the long term average and although rainfall was well above what we would normally expect, nearly two thirds of the month's total fell through the daylight hours of the 2nd.

Taken as a whole, summer 2017 was unremarkable as far as rain or sunshine was concerned, but the mean temperature matched that of 2014 and was the warmest since 2006.

September

The first month of Autumn rolled in with a promising start with light northerly winds, clear skies and excellent visibility, brought about by slack low pressure easing away south-eastward into central Europe, allowing a welcome ridge of high pressure to extend up from the Azores. Atlantic fronts were gathering out to the west though, and by the early hours of the 3rd, it had started to rain and winds had backed round to the southeast. By dawn the rain had become heavy with mist and hill fog patches affecting the islands. The rain eased off through the afternoon but it remained misty with patchy rain and drizzle at times.

We remained in a damp, cloudy, westerly airflow until late on the 5th, as low pressure dominated the British Isles' weather, with periods of light rain, drizzle and mist at times. Conditions improved on the 6th following the clearance of a cold front the previous evening, but the fresh westerly winds kept the edge off the temperatures, at best reaching only 18°C or so.

This very mobile run of weather showed no signs of letting up, indeed another series of weather fronts assailed our shores as deep low pressure swung in across northern Britain bringing periods of showery rain during the 7th, becoming occasionally heavy through the 8th. We enjoyed a tad more sunshine on the 9th, but it remained windy from the west with a scattering of light rain showers, again pegging temperatures back to the mid-teens. Further fronts pushed in for the afternoon of the 10th, with a period of rain, drizzle and hill fog before clearing by the evening to a more showery regime once again. Winds increased too, from the west, gusting up to Force 8 at times. The strong westerly winds continued through the next day, with the highest gust recorded at 48 knots in the small hours of the 11th, but the showers easing off locally, as deep low pressure to the north of Scotland brought gales to many parts of northern Britain.

The 12th started off bright with moderate westerly winds, but cloud thickened and lowered through the afternoon as yet another Atlantic system swept in with rain arriving by late afternoon, together with increasing

south-westerly winds. The waving cold front was reluctant to fully clear the Bailiwick on the 13th, with periods of rain dampening Arrivals Day for the annual Air Display over Town. By the next day though, that nagging front had finally cleared away to the south, providing bright, albeit blustery conditions for the Air Display.

As the low pressure centre moved away towards Scandinavia through the 15th, so our winds turned more north-west to northerly and eased down, bringing more settled conditions during the day. A series of thundery troughs tracked down over Alderney and Sark overnight in to the 16th, with several lightning strikes observed to the east of Guernsey. The weekend of the 16th & 17th enjoyed much lighter winds generally, and plenty of sunshine on the Sunday. Overnight temperatures dipped just in to single figures on the Saturday night, the lowest night temperature since the 21st May.

Slack high pressure at last began to establish itself over France by the 18th, with light westerly winds, clear skies and excellent visibility. These conditions prevailed through to the 21st before a weak cold front nudged in from the west bringing persistent light rain to our shores, then clearing by mid-afternoon. Rising pressure then brought dry, quiet conditions until the 24th when a vigorous low pressure slipped up to the north of Scotland, dragging its' cold front across the UK and northern France. This front was reluctant to clear the islands with periods of heavy rain, drizzle and hill fog patches through much of the day, before finally relinquishing its' hold on us by late morning on the 25th.

A couple of pleasant days followed, with light winds and clear skies, and temperatures up around 18°C. Further fronts pushed in from the west later on the 27th though, with persistent rain through that afternoon. The clearing cold front did ease through by dawn on the 28th, but we enjoyed only a brief respite though, as that cold front waved back over the islands later that day returning us to overcast, misty conditions with rain, drizzle, and patchy fog over the higher parishes. By noon on the 29th, some blue sky made a welcome return to our shores as the islands enjoyed brighter, fresher conditions for the rest of the day.

The 30th brought a run of showers in the morning, but more Atlantic weather fronts arrived by mid-afternoon to close out the month with freshening southerly winds, rain and drizzle.

Overall it was a disappointing month, with temperatures and sunshine below average, and rainfall well above the 30 year average. Indeed, it was the wettest September since 1998 and the 2nd dullest for 30 years.

October

Low pressure continued its dominance over our weather as the first day of the month ushered in overcast conditions with outbreaks of rain and drizzle, together with hill fog patches, as a warm front swept up the Channel. The clearing cold front pushed through overnight leaving us with brighter, fresher conditions for the 2nd, but this was short lived as the cold front waved back up over us again later that evening, bringing periods of rain, heavy at times. High pressure then started to build from the west and by dawn on the 3rd we welcomed in clear skies and lighter winds from the northwest, with solid sunshine from dawn to dusk.

This high pressure cell continued to keep our weather dry and settled with plenty of sunshine and pleasant temperatures until the early hours of the 5th when low pressure over northern Britain dragged a cold front down across the UK, arriving in the Channel by dawn. This was a relatively weak feature though, and was pretty much through us by noon with only small amounts of rainfall recorded before clearing to the south. The following air mass was much cooler and clearer with excellent visibility, lasting through to the morning of the 7th. The night minimum temperature dropped to 9.2°C by dawn on the 7th, the first time in single digits since 21st May.

The Azores High started to become very much the steering force for the next few days, allowing a series of Atlantic weather systems to affect our shores.

Weak weather fronts started to make slow but steady progress down to us from the northwest, and by noon on the 7th, we had misty conditions with outbreaks of rain and drizzle lasting through the afternoon before

clearing later that evening. The 8th was pleasant with mostly clear skies, light north-westerly winds and temperatures in the mid-teens. Weather fronts were again starting to affect our shores though, and by the early hours of the 9th, rain, drizzle and mist pushed in from the west, clearing mid-morning before returning later that evening. Night temperatures kept well up in double figures as this mild south-westerly flow covered the Channel. Further north, however, stronger winds and periods of heavy rain affected much of central and northern UK.

This regime continued for a few more days with mostly cloudy, mild conditions with occasional periods of light rain or drizzle, and mist or hill fog patches. By the 13th, the Azores High had transferred east into central France, allowing warmer, dryer air to cover the islands with temperatures up to 18.1°C, and nearly 20 hours of sunshine for the following 3 days.

Something very unusual was starting to appear on the weather charts by now; hurricane 'Ophelia' had formed a few days earlier south of the Azores and had started tracking northeast towards the British Isles. This was the easternmost major hurricane on record, with maximum sustained winds recorded at 100 knots. As it steered up towards the UK, it did start to lose some of its intensity, but winds still remained very strong. On 16th October, gusts up to 103 knots (119 mph) were recorded at the Fastnet Rock off the coast of County Cork, the highest wind speed ever recorded in Ireland. Locally the storm passed too far to the west of the Bailiwick to directly affect our weather, although 'Orange Monday' will be remembered due to the strong orange hue to the atmosphere across northern France, the Channel and parts of southwest England. A mixture of Sahara Dust and smoke from extensive wild fires in Portugal and Spain were sucked up in to storm 'Ophelia' and then spread out across the aforementioned areas. A strong smell of smoke was also noticed, together with a brown residue deposited in rain the following day.

By the 17th, 'Ophelia' had lost most of its sting but the trailing cold front was reluctant to clear our shores, leading to an overcast day with outbreaks of light rain. This weak feature continued through in to the 18th with some mist and hill fog at times that morning. Further Atlantic fronts were gathering out to the west though, with rain turning heavier through the afternoon of the 19th, clearing later that evening, making it the wettest day of the month with 14.5mm of rain recorded. Winds had increased too, from the southeast initially before veering southwest and gusting up to Force 7 later in the day.

A vigorous depression out in the near Atlantic, Storm Brian, started to push in to western Ireland later on the 20th with rain, heavy at times, arriving locally later that evening. The low pressure center moved slowly across central regions of the UK with its clearing cold front through us by dawn on the 21st leaving us in a blustery, showery flow for the start of the weekend. Winds gusting up to 57 knots were recorded at our Chouet weather station that evening. The blustery conditions continued through in to the 22nd with occasional hail showers, fresh to strong westerly winds and temperatures struggling into the low teens.

The unsettled theme continued in to the 23rd as pressure built to the south over France, introducing a mild, damp southwesterly flow across the islands, with periods of rain, drizzle, mist and hill fog patches through the day and overnight in to the 24th. Conditions improved slowly through that morning but it remained overcast as a slow moving cold front edged down across southern UK to stall in the Channel on the 25th. This resulted in low cloud, drizzle and hill fog across much of the Bailiwick, but as that front waved away northward and weakened, conditions generally improved, leading to pleasant day on the 26th.

Pressure was starting to build both to the north and south of us by now, and that stubborn front finally cleared away to the south, leading to a quiet few days with only a few bits and pieces of rain. Clear skies and light winds early on the 28th allowed grass temperatures to drop to 1.9°C, the lowest since the end of April. That high pressure started to edge away to the southwest by the 29th as a cooler flow swept down across the UK from the north, arriving locally by the evening of the 29th. Air temperatures dropped in to single figures by dawn on the 30th and whilst we did enjoy plenty of sunshine that day, temperatures struggled to only 12.4°C, and dropped quite readily to 7.5°C that evening. The chilly theme persisted in to the 31st, but light winds and some sunshine that afternoon ended the month on a positive note.

Overall, this October was much drier and warmer than the long term average, and although sunshine was just below average, it was the duller October for 5 years. The month continued the run of dry Octobers, with both 2015 and 2016 receiving less than 2 inches of rain each.

November

The new month ushered in a quiet start to the weather as high pressure over southern Europe maintained a dry south-easterly flow across the islands. Extensive high cloud limited our sunshine at times but it remained dry for the first couple of days, but as we moved in to the 3rd, slack low pressure out in Biscay introduced a moister, easterly flow over the western Channel, with mist and hill fog through the early morning. These murky conditions cleared by noon to allow a few hours of sunshine before cloud thickened and lowered through the late afternoon with rain by evening. The low pressure feature responsible for the rain edged away eastward overnight as a sweeping cold front ploughed its way down the UK, clearing through the Bailiwick by mid-morning on the 4th.

Temperatures dropped by a couple of degrees as this cooler, fresher airflow embraced the islands, with squally rain and hail showers later that evening and throughout the following day. Overnight air temperatures fell to 6.9°C by the early hours of the 5th, and only just struggled in to double figures through daylight hours.

The showers died away in to the 6th as high pressure extended across the British Isles, shutting off the cold air flow, but allowing an Atlantic cold front to near our shores during the afternoon of the 7th. It started raining just before noon that day with the rain becoming heavy for a time late afternoon with localised flooding reported in parts of the Bailiwick. A total of 14.5mm of rain fell that afternoon, well over half an inch.

Another cool, showery airflow followed on behind this front as the winds veered into the northwest that evening. The showers died away by dawn on the 8th leaving us with a bright, sunny day with over 8 hours of sunshine recorded but disappointing temperatures at 8 or 9 Celsius through the day. The approach of another Atlantic front in the early hours of the 9th brought thickening cloud with rain and drizzle by dawn, but this feature eased away to the east later that evening.

The Azores High continued to feed further weather systems across the north Atlantic, with outbreaks of mainly light rain through the 10th, with freshening westerly winds. The winds increased further by Saturday 11th as low pressure over Scotland squeezed the isobars across the UK, dragging a waving cold front across southern Britain with outbreaks of rain and drizzle locally, as the islands sat in a damp, mild, maritime airflow. The front cleared to the south early the next morning, allowing a much cooler Arctic-sourced, northerly flow to cover the UK and Channel, with a feed of blustery showers through the day, pegging daytime temperatures to single figures. Definitely a weekend of two halves!

Monday dawned bright but chilly with early temperatures around 6°C, but rising air pressure was helping to dissipate the showers and with clear skies and light winds, it was a lovely Autumn day even if we didn't see air temperatures manage double figures. The 14th was a quiet day with light winds, mostly cloudy but with air temperatures creeping up to 12°C. Slow moving weather fronts over southern Britain edged close enough to our shores later that afternoon to bring outbreaks of mainly light rain and drizzle to the Bailiwick, and these cloudy conditions prevailed through the next couple of days as we languished in the northern periphery of slack high pressure over Biscay and France. That high slowly slipped away eastward and by the 17th, we saw a weak cold front clearing south through the Channel with another cooler, clearer run of air following on behind.

Clearing skies through the day saw air temperatures fall away sharply that evening, and by dawn on the 18th, we had our first ground frost of the season at -0.9°C, and air temperatures dipping to 5.8°C. High cloud started to encroach from the north though, as yet another weak front edged southwards towards us, with outbreaks of rain and drizzle overnight, clearing by dawn on the 19th. This front was more reluctant to clear with more cloud during the day and a few spots of rain later that evening. The islands remained in this cloudy, mild, south-westerly flow through to the 22nd, as Atlantic fronts stayed well away to the north of us. Winds did start to freshen up through the 22nd as a cold front edged in from the west, and by that evening winds had backed

around to the south gusting up to 48 knots (55 mph). By dawn on the 23rd, the front had cleared through; winds had veered in to the west with a smattering of showers through the day, before heavier and more persistent rain arrived that evening.

A change to much cooler conditions then occurred as the winds settled in to the north-west for the 24th, and daytime temperatures struggled to achieve double figures. Low pressure to the north of Scotland and a blocking area of High pressure in the north Atlantic combined to pull very cold, showery air down across the UK. Some of these showers contained hail as temperatures fell away through the 25th. That High pressure started to slip southward mid-way through the weekend and as it extended a ridge in to western Europe, so the cold northerly flow was shut off to the islands, allowing temperatures to pick up through the afternoon of the 26th. Fronts crossed the islands on the 27th giving us some heavy rain at times. 13.5mm was recorded, the second wettest day of the month. These fronts moved away to the south on the 28th allowing a return to the cold northerly regime of a few days previous. This cold northerly flow continued for the remainder of the month, producing scattered rain and hail showers along with a noticeable wind chill thanks to the biting, fresh to strong northerlies.

November was drier than average with rainfall being down by 25%. Sunshine was only slightly above average and the mean air temperature was 10.2°C as against the 30 year average of 10.0°C.

Autumn as a whole saw the mean air temperature bang on the average of 12.8°C. Rainfall was 25mm below the average of 256.8mm and sunshine 34 hours below the average of 375 hours.

December

High pressure over the north Atlantic opened up the new month, steering a run of cool, northerly winds down across the UK, with temperatures locally staying in single figures together with a scattering of light wintry showers. Indeed, the 1st ended up being the coolest day of the month.

As we moved in to the 2nd so that high started to slip southward and extend eastward, shutting off the cold flow from the north, but allowing a weak Atlantic front to bring some light rain in by the evening. This feature was rather slow moving but rain totals were low, and we saw air temperatures creeping up in to double figures by late morning on the 3rd. The high pressure cell was starting to slip to the south by now, but keeping our weather fairly settled with light north-westerly winds and only a few light rain showers early on the 4th and later in the day on the 5th. As that high slipped further south, so low pressure in the north Atlantic edged in, increasing our winds from the southwest during the 6th, with rain later that evening.

Overcast conditions with rain, drizzle and hill fog settled in for the morning of the 7th, with fresh to strong south-westerly winds as deep low pressure stretched across the UK, pulling very cold Arctic air down across Scotland and northern parts of England. Locally, the rain and drizzle cleared by afternoon but rain and hail showers, together with falling air temperatures arrived overnight in to the 8th. That deep low to the north of Scotland started to fill and move away to the northeast through the 9th, still pulling down very cold Arctic air though, and bringing snow to many parts of the UK. The 9th started out fairly pleasant for the islands with light northwest winds, but as the winds backed in to the southwest and increased, pressure started to fall rapidly, with rain arriving by late afternoon. That rain became persistent and heavy overnight, clearing to blustery showers by dawn on the 10th, with gales from the west, and winds gusting up to 61 knots by mid-morning; the highest gust at the Airport for 2017. The air pressure had dropped by over 37 mb to 983.8mb in the 24 hours to 0900 on the 10th, and was to drop further to 968.7mb by 0600 on the 11th; the lowest December Sea Level Pressure recorded at the Airport since 1954. That vigorous area of low pressure edged slowly away to the east and filled, with the strong winds veering more northerly and easing down, and the rain dying out towards mid-afternoon.

Slack pressure gave us a respite overnight in to the 12th, with clear skies and light winds giving us the coldest night of the month and a ground frost as well. Outbreaks of rain in the small hours of the 13th continued the overall unsettled theme of the month, as further Atlantic fronts swept in from the west, together with fresh to

strong westerly winds. These winds increased through the afternoon to a full gale by evening as the rain turned to squally showers of rain and hail in to the 14th.

As that deep low pressure edged away eastward, so our winds veered in to the northwest, allowing our temperatures to fall away, and frequent rain and hail showers to assail our shores. These showers eased off later on the 15th to become only isolated by the 16th. It was all change again for the 17th though, as a weak weather front stalled over the Channel giving us a cloudy day with outbreaks of rain throughout, and freshening southwest to west winds by the end of the day.

Early rain, fog and drizzle cleared by dawn on the 18th as a transient nose of high pressure stretched up from the Azores allowing the islands to enjoy the sunniest day of the month, although temperatures struggled to make double figures. These settled conditions continued through the 19th as well, although clear skies and light winds overnight allowed grass temperatures to fall to -1.3°C, the lowest of the month. Pressure remained high over the Channel and the prevailing winds started to settle in from the southwest by the 20th, pulling damp, mild air up from the Tropics. This led to the next 5 days being cloudy and misty with hill fog at times, together with outbreaks of rain and drizzle. By Christmas Eve, we had seen only 6 min of sunshine since the 19th.

Mild, damp conditions prevailed through Christmas Day as well, as an extensive belt of High pressure stretched across most of southern Europe, and Low pressure with associated Atlantic frontal systems straddling northern Britain. We did see some sunshine briefly in the morning before cloud thickened with rain arriving by the evening. That rain cleared overnight to showers early morning, but it was a brief respite before the winds backed southerly again by noon on Boxing Day with more rain and strong winds that afternoon.

Deep Low pressure continued to cover much of the UK for the next couple of days, with a mixture of rain, often persistent and heavy, clearing to squally showers of rain or hail.

Mid-morning on the 29th saw a thunderstorm with rain and hail as another low pressure system swept across the UK, and by the 30th we were back to rain, drizzle and hill fog as mild air returned from the southwest. This cleared by dawn on the 31st to finish the year with more strong winds and blustery rain and hail showers.

December turned out to be the wettest, windiest and dullest month of the year and also provided us with the highest wind gust of the year at 61 knots. This was also the 7th consecutive December that has been milder than the long term average.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2017	DIFFERENCE FROM AVERAGE	2017	PERCENTAGE OF AVERAGE	2017	PERCENTAGE OF AVERAGE
JAN	6.6	-0.3	62.2	67.2	97.6	160.0
FEB	7.6	+1.1	85.6	121.9	75.5	88.0
MAR	9.5	+1.7	90.1	134.5	121.4	95.1
APR	9.9	+0.7	39.9	75.1	273.7	140.6
MAY	13.3	+1.3	64.7	127.1	220.3	93.9
JUN	16.3	+1.8	36.9	81.1	259.8	105.3
JUL	17.1	+0.6	65.3	155.1	226.7	90.4
AUG	16.5	-0.4	83.9	175.9	240.5	104.5
SEP	14.7	-0.7	91.8	159.6	143.9	79.9
OCT	13.7	+0.7	55.5	58.4	110.7	94.5
NOV	10.2	+0.3	77.3	74.1	86.5	111.2
DEC	8.3	+0.6	125.3	111.0	45.0	77.3
YEAR	12.0	+0.6	878.5	104.7	1901.6	101.8

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2017	DATE	2017	AVERAGE 1981-2010	2017	AVERAGE 1981-2010
JAN	97.6	61.0	112.8	1998	26.0	1966	8.2	23rd	36.3	22.7	10	10.1
FEB	75.5	85.6	143.9	2008	36.1	1976	8.6	18th	25.6	29.1	5	6.3
MAR	121.4	127.6	214.8	2009	67.4	1964	10.8	27th	33.0	34.7	8	5.5
APR	273.7	194.7	280.4	1984	122.2	1981	13.5	19th & 23rd	67.0	47.7	1	2.5
MAY	220.3	234.5	336.4	1989	136.9	1981	14.7	25th & 26th	46.6	49.6	3	1.8
JUN	259.8	246.6	355.3	1975	147.8	1977	15.1	17th	54.0	51.2	1	1.9
JUL	226.7	250.7	335.9	1959	167.7	1972	14.9	7th	46.8	51.7	2	1.4
AUG	240.5	230.1	323.0	1955	139.2	1992	13.7	6th & 10th	54.3	52.0	1	1.2
SEP	143.9	180.1	266.5	1959	104.5	1956	10.6	1st & 22nd	38.2	47.8	3	2.3
OCT	110.7	117.1	176.4	1971	72.6	1968	9.5	3rd & 6th	33.4	35.3	6	4.6
NOV	86.5	77.8	123.6	2006	38.9	1981	8.3	8th	31.9	28.7	4	6.9
DEC	45.0	58.2	108.9	2001	26.6	1966	7.3	18th	17.6	22.8	9	11.0
YEAR	1901.6	1864.0	2262.8	1959	1532.5	1981	15.1	17th June	42.7	41.8	53	56.8

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE				
	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	
JAN	1024.5	1017.9	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220	
FEB	1014.8	1018.0	1032.1	1959	1000.6	2014	1047.5	7/1964 1050	952.5	25/1989 1050	
MAR	1016.4	1017.0	1029.9	1953	1003.0	1947	1047.7	3/1990 0930	969.6	13/1951 1630	
APR	1024.1	1015.1	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620	
MAY	1016.8	1016.0	1025.3	1991	1007.6	1983	1039.8	Dec-12 1045	981.3	5/2004 2350	
JUN	1015.7	1018.0	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500	
JUL	1016.2	1017.7	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845	
AUG	1018.3	1017.3	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000	
SEP	1015.7	1017.2	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630	
OCT	1021.2	1014.8	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200	
NOV	1019.0	1015.3	1026.2	1978	1001.5	2000	1041.9	2/2001 0850	963.2	9/2011 0300	
DEC	1016.6	1016.4	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450	
YEAR	1018.3	1016.7	1019.8	1949	1013.4	1960	1047.7	03/03/1990 0930	952.5	25/02/1989 1050	

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2017	DATE	2017	AVERAGE 1981-2010	2017	AVERAGE 1981-2010
JAN	62.2	92.5	210.0	2001	15.4	1992	14.0	12th	13	19.3	8	14.6
FEB	85.6	70.2	182.8	1978	4.8	1965	15.2	3rd	18	15.7	14	11.3
MAR	90.1	67.0	179.6	2001	2.7	1961	22.5	23rd	17	15.9	12	11.5
APR	39.9	53.1	130.4	1966	2.9	1980	34.0 *	30th	5	13.2	3	9.7
MAY	64.7	50.9	128.7	1994	4.1	1989	19.3	17th	14	11.9	9	8.5
JUN	36.9	45.5	129.7	1986	0.6	1976	20.5	5th	6	10.4	5	7.1
JUL	65.3	42.1	120.2	1960	3.9	1999	21.7	29th	11	11.0	7	7.5
AUG	83.9	47.7	122.0	1951	3.8	1955	40.5	2nd	13	10.6	8	7.6
SEP	91.8	57.5	194.5	1952	6.9	1997	19.2	24th	18	12.4	13	9.0
OCT	55.5	95.0	233.9	1960	3.4	1978	14.5	19th	16	17.3	12	13.3
NOV	77.3	104.3	234.5	2009	16.1	1978	14.5	7th	21	18.8	15	15.0
DEC	125.3	112.9	249.6	1999	28.1	1953	22.8	9th	24	18.6	21	15.5
YEAR	878.5	838.7	1317.0	1960	531.3	1989	40.5	2nd Aug	176	175.0	127	130.5

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	AVERAGE		DATE		RECORD HIGHEST	DATE	AVERAGE		DATE		RECORD LOWEST	DATE
	2017	1981-2010	2017				2017	1981-2010	2017			
JAN	8.7	8.7	11.8	8th	13.3	4/48,9/07	4.5	5.0	-1.1	21st	-7.8	20/1963
FEB	9.5	8.4	11.9	2nd	15.0	29/1948	5.7	4.6	1.3	11th	-7.2	21/48,7/91
MAR	11.5	10.0	16.7	30th	19.4	29/1965	7.5	5.6	3.4	6th	-2.2	10,11/1958
APR	13.0	11.8	18.4	8th	24.3	16/2003	6.7	6.6	3.6	27th	-1.4	11/1986
MAY	16.2	14.9	24.4	26th	25.9	30/2003	10.5	9.2	6.7	1st	0.1	2/1979
JUN	19.3	17.5	27.9	20th	30.8	26/1976	13.2	11.5	10.3	4th	5.4	1/1975
JUL	19.7	19.5	24.7	18th	32.6	19/2016	14.5	13.6	11.9	22nd	8.3	8/1954
AUG	19.3	19.8	25.0	28th	34.3	9/2003	13.8	14.1	11.7	9th	9.2	28/1986
SEP	16.8	18.0	18.7	4th	30.6	2/1961	12.5	12.9	9.3	17th	5.8	28/1974
OCT	15.8	15.1	18.1	13th	23.6	1/2011	11.6	10.8	7.5	30th	3.5	28/2003
NOV	12.2	11.8	15.9	23rd	18.0	1/2015	8.1	8.1	3.0	30th	-0.8	28/2010
DEC	10.1	9.5	12.8	30th	15.6	6/1953	6.5	6.0	3.2	12th	-3.8	24/1963
YEAR	14.3	13.8	27.9	20th Jun	34.3	09/08/03	9.6	9.0	-1.1	21st Jan	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	AVERAGE		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	AVERAGE		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
	2017	1981-2010					2017	1981-2010				
JAN	6.6	6.9	9.0	2007	1.5	1963	4.2	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	7.6	6.5	9.0	1990	1.5	1986	3.8	3.8	4.7	2008	3.0	1986
MAR	9.5	7.8	10.3	1957	4.4	1962	4.0	4.4	6.4	1953	3.7	1964,81,88
APR	9.9	9.2	12.0	2011	6.4	1986	6.3	5.0	7.1	2011	3.7	1994
MAY	13.3	12.1	13.9	1989	9.9	1984	5.7	5.7	7.3	1989	4.6	1981
JUN	16.3	14.5	16.7	1976	11.3	1972	6.1	5.8	8.3	1976	4.1	1977
JUL	17.1	16.6	19.4	1983	13.8	1954	5.2	6.0	7.9	1983	4.4	1954
AUG	16.5	17.0	19.3	2003	14.3	1956	5.5	5.8	7.3	1955	4.3	1958
SEP	14.7	15.5	17.5	1949	12.8	1986	4.3	5.0	6.1	1961	3.6	1967
OCT	13.7	13.0	15.2	2001	9.6	1974	4.2	4.1	5.1	1947	3.5	1968
NOV	10.2	10.0	12.0	1994	7.7	1993	4.1	3.7	4.9	1969	2.8	1994
DEC	8.3	7.8	10.1	1953	4.4	2010	3.6	3.6	4.5	1968	2.8	1987
YEAR	12.0	11.4	12.4	2014	9.6	1963	4.8	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	DATE		RECORD LOWEST	DATE	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
	2017											
JAN	-4.7	20th & 25th	-10.0	29/1947	4	1.6	16	1963	13	7.1	20	1985
FEB	-1.6	6th	-11.1	12/1978	0	1.9	18	1986	5	8.5	24	1956
MAR	3.0	27th	-9.4	3/1965	0	0.3	4	1947	0	6.8	18	1955
APR	-0.9	20th	-7.0	5/1990	0	0.0	1	1978,86	3	4.7	10	1984
MAY	5.0	8th,19th,21st	-5.6	5/1979	0	0.0	--		0	1.5	9	1979
JUN	6.3	13th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	8.6	9th	1.0	7/1996	0	0.0	--		0	0.0	--	
AUG	7.8	9th	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	5.0	22nd	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	1.9	28th	-4.0	30/1983	0	0.0	--		0	1.0	6	1992
NOV	-0.9	18th	-5.6	29/1987	0	0.1	2	2010	1	3.3	9	1988
DEC	-1.3	19th	-8.9	29/1964,27/1995	0	0.5	5	1970	2	6.2	13	2010
YEAR	-4.7	20th & 25th Jan	-11.1	12/02/1978	4	4.5	31	1963	24	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	5	6.5	13	1955,82	2	1963,67,72,74,92	0	0.6	4	1979,98
FEB	13	6.6	15	1979	0	1969	1	0.6	3	1957,89
MAR	13	8.5	16	1960,94	0	1968,73	1	0.5	4	1958,67,82,87,95
APR	4	6.7	16	1963	2	1976,90	0	0.8	4	1981,95
MAY	12	7.7	19	1964	2	1988	1	1.1	4	1950,71
JUN	9	9.3	18	1965,2016	1	1975	0	1.4	6	1982
JUL	13	10.0	20	1972,78	3	2008	1	1.4	5	1982,94
AUG	9	9.2	21	1997	2	1976	2	1.2	5	1974
SEP	5	5.4	15	1987	0	1952,53,72	1	0.8	10	1976
OCT	10	4.1	17	1986	0	–	0	1.3	5	1964
NOV	1	3.3	14	1992	0	–	0	0.9	4	1969
DEC	8	4.5	11	1995	0	1947,64,75	1	1.0	4	1976,93
YEAR	102	81.7	115	1994	52	2008	8	11.6	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2017	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	1	2.8	12	1963,85	3	5.1	13	1984,85	0	1955,64,70,92,93
FEB	2	4.0	18	1956	6	4.8	18	2014	0	—
MAR	0	1.3	10	1962,70	3	3.9	10	2008	0	—
APR	0	0.6	4	1970	1	2.6	10	1994	0	—
MAY	0	0.0	3	1979	1	0.6	3	1955,82	0	—
JUN	0	0.0	—		0	0.1	1	1986,87,2016	0	—
JUL	0	0.0	—		0	0.1	1	1971,87,94 2014	0	—
AUG	0	0.0	—		0	0.1	1	—	0	—
SEP	0	0.0	—		0	0.3	2	1973,74,84	0	—
OCT	0	0.0	—		1	1.6	7	1992	0	—
NOV	0	0.5	6	2010	7	3.8	11	2000	0	1948,55,83,94,95
DEC	0	1.7	10	2010	11	4.7	13	2009	0	1964,68,75,2016
YEAR	3	11.0	33	2010	33	27.7	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2017	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2017	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	13	31	1948	4	1992	8	28	1948	3	1992
FEB	18	26	1970,95	2	1959	14	23	1951	1	1965
MAR	17	27	1979	3	1961	12	21	1947	1	1961
APR	5	21	1983	2	2011	3	18	1966	1	1976,'80,'11
MAY	14	26	1981	2	1989	9	19	1981	1	1989
JUN	6	21	1991	3	1975,76	5	14	1987,91	0	1976
JUL	11	20	1960,07	3	1999	7	15	1950,07	1	1999
AUG	13	21	1963	1	1976	8	18	1992	1	1955,76
SEP	18	23	1950,52	4	1959,97	13	21	1950	2	1959,97
OCT	16	28	1981	5	1965,78	12	24	1981	1	1978
NOV	21	28	2009	8	1978	15	26	2009	5	1988
DEC	24	28	1993	8	1991	21	26	1959	5	1991
YEAR	176	212	1960	138	1971	127	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	AVERAGE		AVERAGE		RECORD HIGHEST	YEAR	DATE		RECORD HIGHEST	DATE
	2017	1981-2010	2017	1981-2010			2017			
JAN	10.4	14.2	1	2.1	11	1984	55	12th	77	25/1990
FEB	12.6	13.1	1	1.1	10	1990	48	27th	69	9/1988,11/1990
MAR	12.2	12.3	0	0.6	6	1980	47	5th	70	10/1982
APR	7.7 *	11.4	0	0.2	2	1964,72,83,94	35	30th	60	9/1994
MAY	9.2	10.9	0	0.2	2	2007	45	1st	58	19/1996
JUN	10.1	10.1	0	0.0	0	—	43	6th	51	16/1965
JUL	10.3	10.2	0	0.0	1	1956,69	37	21st	63	31/1983
AUG	9.1	9.7	0	0.0	1	1956,61,86	39	3rd	52	26/1986
SEP	11.2	10.8	0	0.1	2	1953,65,74,83	48	11th	60	29/1962
OCT	11.0	12.4	1	0.9	4	1967,76	51	21st	81	16/1987
NOV	10.9	13.0	0	0.8	8	1977	48	22nd	73	23/1984,20/2016
DEC	13.4	13.7	4	1.8	9	1979	61	10th	83	15/1979
YEAR	10.7	11.8	7	7.8	20	1972	61	10th Dec	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION IN 2017

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	-	-	-	-	-	-	-	-	-	-	-	-	6.855
	4-10	knots	0.4	0.7	5.5	5.2	6.7	6.2	5.0	3.1	2.8	2.7	4.6	3.2	46.1
	11-21	knots	0	0.4	5.2	0.7	3.4	4.8	2.3	5.4	3.6	3.4	10.3	5.1	44.6
	22-33	knots	0	0	0	0	0	0	0	0	0.1	0	2.0	0.3	2.4
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		0.4	1.1	10.8	5.9	10.1	11.0	7.3	8.5	6.6	6.0	16.9	8.6	
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.6
	4-10	knots	2.7	3.5	0.8	2.8	3.1	8.0	3.5	3.3	2.7	2.5	1.7	3.9	38.5
	11-21	knots	0.9	0.5	2.2	8.0	0.9	4.9	4.1	10.1	8.2	7.2	3.0	0.9	50.9
	22-33	knots	0	0	0	0	0	1.3	0.2	0.5	1.7	2.0	0.3	0	6.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		3.6	3.9	3.0	10.8	4.1	14.2	7.7	13.8	12.6	11.8	5.0	4.9	
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.6
	4-10	knots	0.7	1.7	4.7	4.7	2.4	5.6	5.1	3.4	2.2	4.8	3.6	3.0	41.9
	11-21	knots	0	1.1	4.4	0.8	0.3	4.6	3.6	7.8	13.4	7.5	4.4	0.8	48.8
	22-33	knots	0	0	0.8	0	0	0.1	0	0	1.6	3.9	0.3	0	6.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		0.7	2.8	9.9	5.5	2.7	10.3	8.7	11.2	17.2	16.3	8.3	3.8	
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.8
	4-10	knots	11.5	6.5	4.2	4.9	4.0	5.1	1.1	1.4	1.0	7.2	12.2	10.1	69.3
	11-21	knots	1.7	1.3	1.7	0.4	2.9	0.6	0.1	1.3	0.3	8.1	3.5	0.1	21.8
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		13.2	7.8	5.8	5.3	6.9	5.7	1.3	2.6	1.3	15.3	15.8	10.3	
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.9
	4-10	knots	2.2	7.4	8.1	2.7	4.7	4.0	4.3	2.4	5.1	7.0	4.8	1.9	54.6
	11-21	knots	0	2.4	10.6	3.8	1.9	1.5	2.8	1.5	4.3	4.8	0.8	0	34.4
	22-33	knots	0	0	0.3	0	0	0	0	0	0.9	0.9	0	0	2.2
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.2	9.8	19.0	6.5	6.6	5.5	7.1	3.9	10.3	12.8	5.6	1.9	
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.4
	4-10	knots	3.9	3.6	5.4	3.1	3.3	4.0	2.8	4.2	2.9	9.6	5.8	3.6	52.2
	11-21	knots	0	0	0.7	0.7	0	1.3	2.6	2.6	14.0	12.8	3.6	0.6	38.9
	22-33	knots	0	0	0	0	0	0.3	0	0	0	3.2	0	0	3.5
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		3.9	3.6	6.1	3.8	3.3	5.6	5.4	6.8	16.9	25.6	9.4	4.2	
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.2
	4-10	knots	2.6	3.5	4.6	0.4	0	0.7	2.0	3.8	3.6	10.9	10.2	2.8	45.0
	11-21	knots	0.7	0.4	3.5	0.7	0	0.4	2.5	7.0	15.2	11.7	6.7	1.0	49.8
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		3.3	3.9	8.1	1.1	0	1.1	4.5	10.7	18.8	22.6	16.9	3.8	
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.0
	4-10	knots	9.0	5.8	2.3	1.6	3.4	0.9	2.0	4.7	4.8	11.6	7.4	3.8	57.3
	11-21	knots	1.6	0	0	1.6	0.3	0	2.7	1.5	11.8	13.7	1.7	0.7	35.6
	22-33	knots	0	0	0	0	0	0	0	0	0.1	0	0	0	0.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		10.6	5.8	2.3	3.2	3.6	0.9	4.7	6.2	16.8	25.3	9.1	4.4	
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.2
	4-10	knots	2.6	0.4	0.1	0.1	2.4	5.0	2.8	4.6	4.9	4.6	10.6	5.1	43.2
	11-21	knots	0	0	0	0	0.4	4.2	5.3	4.4	8.8	12.4	7.1	0.1	42.6
	22-33	knots	0	0	0	0	0	0	0	0.8	1.1	4.0	0	0	6.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.6	0.4	0.1	0.1	2.8	9.2	8.1	9.9	14.7	21.0	17.6	5.3	
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	10.1
	4-10	knots	0.8	4.3	0.7	1.6	3.2	2.7	3.5	6.2	5.1	4.7	4.0	6.0	42.9
	11-21	knots	0.1	0	0.4	0.1	0.4	2.6	2.3	9.0	13.0	8.6	4.4	0.5	41.5
	22-33	knots	0	0	0	0	0	0.1	0	0.1	3.0	2.3	0	0	5.5
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		0.9	4.3	1.1	1.7	3.6	5.4	5.8	15.3	21.1	15.6	8.5	6.6	
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	10.6
	4-10	knots	7.9	1.9	0.7	2.4	0.1	1.4	1.9	3.1	5.7	3.9	4.2	5.6	38.8
	11-21	knots	2.2	0	0	0.7	0.1	1.8	1.8	4.7	6.0	6.3	13.9	6.0	43.5
	22-33	knots	0	0	0	0	0	0	0.7	1.0	2.2	3.3	0	0	7.2
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		10.1	1.9	0.7	3.1	0.3	3.2	4.4	8.8	13.9	13.5	18.1	11.5	
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.2
	4-10	knots	4.4	0.9	0.3	0.1	0.1	0	0.7	3.1	5.2	6.7	4.6	9.7	35.9
	11-21	knots	4.3	0.3	0.3	0	0	0.8	4.0	9.8	6.2	6.3	8.2	2.7	42.9
	22-33	knots	0.4	0.1	0	0	0	0.3	1.1	1.5	3.6	4.7	2.4	0.5	14.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0.4	0	0	0.4
	DIRECTION ONLY		9.1	1.3	0.5	0.1	0.1	1.1	5.8	14.4	15.1	18.1	15.2	12.9	
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.9
	4-10	knots	4.0	3.4	2.8	2.5	2.6	3.6	2.8	3.7	3.7	6.3	6.4	5.0	46.8
	11-21	knots	1.0	0.5	2.0	1.2	0.8	2.4	2.8	5.7	9.1	8.8	5.6	1.5	41.4
	22-33	knots						0.2	0.2	0.4	1.2	2.3	0.5		4.8
	≥34	knots													
	DIRECTION ONLY		6.6	4.7	5.2	3.9	3.8	6.7	5.9	10.1	14.4	17.8	13.0	7.7	

GUERNSEY AIRPORT MET OFFICE 2017

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1		1.5	0.5							5.5			
2								1.0		0.5			
3				6.5							2.0		
4							0.5		0.5				
5													
6													
7			3.5	0.5									
8			16.5			1.0							
9	0.5		16.0	1.0						0.5			
10			9.5										
11						3.5	2.5						
12			3.0				0.5	4.0		1.5			
13													
14		1.0	1.0										
15		0.5	5.5			1.5							
16		8.0	9.0				4.5						
17		10.5			5.0			2.5					
18			11.5				0.5			0.5			
19		4.0					0.5						
20		16.5	0.5					0.5				0.5	
21		4.0				1.5		4.0				4.0	
22		0.5			0.5							7.0	
23		0.5			1.5					3.0			
24						2.0			2.5	1.5			
25						0.5			1.5	2.5			
26		0.5					10.0						
27					1.5								
28						0.5		0.5					
29	1.0				9.0		5.5						
30	7.5											1.0	
31	11.0				3.5								
Tot Hrs	20.0	47.5	76.5	8.0	21.0	10.5	24.5	12.5	4.5	15.5	2.0	12.5	255.0
Tot Days	4	11	11	3	6	7	8	6	3	8	1	4	72

Averages for Period 1991-2010

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

GUERNSEY AIRPORT MET OFFICE 2017

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1		1.0	0.5							3.5			
2													
3				6.5							0.5		
4													
5													
6													
7			2.0	1.0									
8			14.5										
9			16.0										
10			9.0										
11						1.0	2.5						
12			3.0					3.0		0.5			
13													
14			1.0										
15			1.5										
16		6.0	6.0				4.0						
17		9.5			3.0			2.0					
18			6.0										
19		2.5											
20		16.0						0.5					
21		2.0				1.5		3.0				2.0	
22												4.0	
23										1.5			
24						1.0			0.5	1.5			
25									0.5	2.0			
26		0.5					7.5						
27					1.0								
28													
29	1.0				7.5		1.5						
30	7.0												
31	6.5				1.5								
Tot Hrs	14.5	37.5	59.5	7.5	13.0	3.5	15.5	8.5	1.0	9.0	0.5	6.0	176.0
Tot Days	3	7	10	2	4	3	4	4	2	5	1	2	47

Averages for Period 1991-2010

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

REPORT FOR LIHOU - 2017

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	9.5	11.9	8th	6.2	0.5	26th	56.7	13.1	12th
FEB	10.2	12.4	2nd	7.1	3.4	11th	79.8	16.1	27th
MAR	11.9	17.7	30th	8.5	4.9	6th	83.8	24.5	6th
APR	12.8	19.5	8th	8.4	5.2	27th	31.8	26.1	30th
MAY	16.0	23.5	26th	11.4	8.3	1st	75.4	21.1	1st
JUN	18.1	23.0	14th	13.7	11.7	5th & 6th	31.0	18.3	5th
JUL	18.9	23.3	18th	15.2	12.5	22nd	54.9	21.5	21st
AUG	18.9	24.9	22nd	15.1	13.5	30th	56.9	40.6	2nd
SEP*	11.8	18.8	5th	9.6	11.7	13th	40.0	15.9	3rd
OCT**	16.1	18.9	15th	13.1	9.2	30th	37.8	16.7	19th
NOV	12.8	16.0	22nd	9.8	5.3	30th	71.6	15.1	23rd
DEC	10.8	13.1	31st	8.0	5.5	28th	125.2	20.7	11th
YEAR	14.0	24.9	22nd Aug	10.5	0.5	26th Jan	744.9	40.6	2nd Aug

* Lihou data from 1st to 21st Sept only

** Lihou data from 8th to 31st Oct only

REPORT FOR SARK - 2017

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE	
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY		
JAN	8.9	12.1	8th	4.4	-1.2	25th	56.3	15.3	12th	74.4
FEB	10.0	12.3	15th	5.8	2.4	11th & 12th	72.7	10.6	6th	80.1
MAR	12.3	18.6	30th	7.4	3.4	6th	83.3	18.9	23rd	121.7
APR	14.1	18.6	8th	7.3	3.0	26th	37.8	35.0	30th	294.8
MAY	16.6	23.4	26th	10.6	7.6	1st	60.1	18.9	17th	237.4
JUN	20.4	27.9	21st	13.1	10.0	6th	35.0	18.8	5th	285.3
JUL	21.2	26.6	6th	14.3	11.6	22nd	75.1	28.6	29th	247.0
AUG	20.6	26.7	28th	14.0	11.7	31st	75.8	41.7	2nd	262.2
SEP	17.8	20.2	4th	12.4	9.4	16th	93.9	19.3	3rd	151.9
OCT	16.5	18.8	8th	11.3	7.3	30th	59.4	18.9	19th	121.9
NOV	12.5	15.7	22nd	7.7	4.1	28th	82.2	20.4	27th	81.8
DEC	10.5	13.4	4th	6.4	3.3	26th	145.1	24.9	9th	33.6
YEAR	15.1	27.9	21st Jun	9.6	-1.2	25th Jan	876.7	41.7	2nd Aug	1992.1

REPORT FOR ALDERNEY - 2017

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY	
JAN	9.0	12.3	8th	4.9	0.1	22nd,25th,26th	72.8	19.5	29th
FEB	9.9	12.5	2nd	6.6	3.4	5th	56.0	12.5	26th
MAR	11.9	16.5	30th	8.5	4.9	5th	76.8	25.5	6th
APR	13.3	18.5	8th	7	3.9	20th	54.5	25.0	30th
MAY	16.4	23.0	26th	10.5	6.4	1st	125.7	27.0	1st
JUN	19.3	28.2	21st	13.3	10.5	5th	43.6	24.0	5th
JUL	19.9	24.0	6th	15.1	11.6	23rd	65.2	19.5	29th
AUG	19.6	25.0	8th	13.9	13.7	30th	66.4	43.5	2nd
SEP	17.2	18.1	4th	12.5	10.6	16th	87.2	21.5	3rd
OCT	16.1	18.5	13th	11.5	7.2	30th	41.5	12.0	19th
NOV	12.3	16.1	22nd	7.9	4.0	16th	67.2	14.2	27th
DEC	10.6	13.9	29th	6.9	2.6	8th	156	42.0	14th
YEAR	14.6	28.2	21st Jun	9.9	0.1	22nd,25th,26th Jan	912.9	43.5	2nd Aug

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2017

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	1018.6	9.6	5.4	7.5	-0.5	7.2	9.8	210	14	11.7	24	3.3	0.1	Mainly cloudy. A few outbreaks of v. light rain.		
MON	2	1025.9	9.0	5.0	7.0	5.2	7.8	9.7	060	12	10.8	31	0.4	0.1	Cloudy with rain from am to mid pm becoming fair		
TUE	3	1031.9	7.6	3.2	5.4	-3.0	7.1	9.7	020	02	4.2	18	NIL	7.6	Fine		
WED	4	1028.3	8.4	5.2	6.8	-1.0	6.8	9.6	330	08	8.3	25	TR	NIL	Cldy day , good vis. Isolated drizzle pm, Isolated rain eve.		
THU	5	1033.2	8.4	3.3	5.9	-0.7	7.0	9.5	060	03	5.2	12	NIL	3.9	Mainly cldy bec fair. Excellent visibility and dry air at times.		
FRI	6	1037.8	7.0	2.9	5.0	-1.1	6.7	9.4	180	09	8.4	17	TR	2.6	Fair am, bec cloudy pm.		
SAT	7	1035.1	10.3	6.9	8.6	5.2	7.2	9.3	270	12	11.6	23	3.9	NIL	Cloudy with mist, rain, and drizzle		
SUN	8	1034.1	11.8	8.9	10.4	7.8	8.1	9.3	290	07	6.6	16	0.8	0.6	Mist & fog with rain & drizzle am & eve, cloudy pm		
MON	9	1026.1	10.3	7.1	8.7	2.0	8.4	9.3	230	16	13.3	35	3.8	NIL	Cloudy with rain from noon to early evening. Isol shwrs eve		
TUE	10	1015.2	10.3	7.9	9.1	4.7	8.4	9.4	310	15	12.4	28	TR	0.5	Fair for a time am, cloudy with patchy drizzle eve.		
WED	11	1015.4	11.1	8.1	9.6	6.8	8.6	9.4	300	17	14.7	33	0.4	2.8	Cldy with drizzle am, bcmg fair to cloudy pm with occ dry air		
THU	12	1013.0	9.0	4.3	6.7	5.3	8.5	9.5	240	14	18.0	55	14.0	NIL	Cldy with rain am, persistent pm, hvy sleet/hail shwrs eve		
FRI	13	1015.9	6.8	3.6	5.2	0.5	7.7	9.5	320	22	20.0	45	TR	6.7	Fair/fine with sunny periods. Isolated hail shower early eve		
SAT	14	1023.9	8.8	5.2	7.0	2.2	7.1	9.5	310	14	14.1	29	TR	5.0	Fair.		
SUN	15	1027.2	9.9	7.7	8.8	5.4	7.4	9.4	310	11	13.6	28	TR	NIL	Cloudy with occn light rain		
MON	16	1027.3	10.3	7.4	8.9	8.5	8.0	9.3	330	09	8.2	24	0.2	NIL	Cloudy with rain, drizzle and mist		
TUE	17	1034.6	7.5	2.1	4.8	2.8	8.1	9.3	140	09	7.5	15	NIL	5.2	Cloudy soon bec fair with v. low humidity at times		
WED	18	1037.4	5.5	1.4	3.5	-1.5	7.1	9.3	070	08	10.4	23	NIL	7.9	Fine.		
THU	19	1034.3	7.1	4.4	5.8	0.6	6.5	9.2	060	13	13.3	29	NIL	8.0	Fine. Dry air.		
FRI	20	1031.4	4.8	-1.0	1.9	-4.7	5.9	9.1	090	07	8.3	17	NIL	7.9	Hoar frost - Fine occn cloudy evening.		
SAT	21	1026.9	3.1	-1.1	1.0	-4.4	5.4	8.9	080	03	3.8	10	NIL	2.5	Frosty start. Fair bec cldy pm then fair mid-evening. Hazy.		
SUN	22	1025.7	8.7	-0.2	4.3	-3.4	5.3	8.7	120	08	6.8	19	NIL	6.7	Fair or fine, slight hoar frost at first.		
MON	23	1028.6	10.7	1.1	5.9	-4.4	5.1	8.6	140	02	3.0	11	NIL	8.2	Fine, slight hoar frost at first.		
TUE	24	1029.1	10.1	2.5	6.3	-3.6	4.7	8.4	200	05	4.7	10	NIL	7.5	Fine, hoar frost until mid morning high cloud pm		
WED	25	1027.8	7.7	1.8	4.8	-4.7	4.6	8.2	150	05	7.3	20	NIL	5.9	Fine, hoar frost til mid am then cldy from mid pm. Occ hazy		
THU	26	1017.1	5.6	-0.8	2.4	-0.8	4.8	8.1	140	18	16.4	28	NIL	5.3	Cloudy, became fine by late morning. Haze		
FRI	27	1006.9	7.6	3.9	5.8	2.3	4.8	8.0	140	16	13.6	26	12.2	NIL	Fair bcmg cloudy, rain and drizzle from late am		
SAT	28	1011.7	9.5	6.0	7.8	4.6	5.6	7.9	250	14	12.3	27	0.7	2.6	Sunny prds and scat showers clearing to fine late eve		
SUN	29	1015.0	10.1	6.9	8.5	3.6	6.0	7.8	180	14	14.2	30	7.0	NIL	Cldy with light rain/drzl occ hvy early pm. Mist & fog later.		
MON	30	1011.5	10.9	9.9	10.4	9.4	7.0	7.8	200	06	9.6	21	9.1	NIL	Overcast with occ lt rain/drzl, mist & fog. Occn clearing pm		
TUE	31	1011.8	10.9	10.1	10.5	9.9	7.8	7.9	150	10	9.0	19	6.4	NIL	Overcast with rain, drzl & fog clrng late pm. Misty eve.		
MEAN		1024.5	8.7	4.5	6.6	1.7	6.8	9.0	NW	10.4	10.4	TOTAL	62.2	97.6			
30 YEAR AVE. 1981-2010		1017.9	8.7	5.0	6.9	2.8	6.9	8.2	SW	14.0	14.2	////	92.5	61.0			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		13	8	1	3	0	0	4	13	5	2	1	10				
RECORDS FROM JANUARY 1947															RAINFALL	62.2 mm	SUNSHINE
WETTEST DAY DAY/YEAR	35.8mm 11th/2001	DRIEST MONTH YEAR	15.4mm 1992	LOWEST MIN DAY/YEAR	-7.8°C 20th/1963	WARMEST MNTH YEAR	9.0°C 2007	SUNNIEST MNTH YEAR	112.8hrs 1998	RAIN DAYS	13	SUNLESS DAYS	10	WET DAYS	8		
WETTEST MNTH YEAR	210.0mm 2001	HIGHEST MAX DAY/YEAR	13.3°C 4th/'48,9th/'07	LOWEST GRASS DAY/YEAR	-10.0°C 29th/1947	COLDEST MONTH YEAR	1.5°C 1963	DULLEST MNTH YEAR	26.0hrs 1966								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - FEBRUARY 2017

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					
WED	1	1008.6	11.3	8.5	9.9	8.0	8.2	8.1	180	08	10.6	29	2.8	2.1	Rain & drz with fog & mist am bec cldy with rain & drz eve		
THU	2	994.4	11.9	9.4	10.7	8.4	8.6	8.2	160	25	19.2	35	1.7	1.6	Cloudy with rain until mid morning. Bec fair/fine evening.		
FRI	3	993.1	9.8	6.3	8.1	6.0	8.4	8.4	140	25	18.2	42	15.2	0.1	Cldy with rain by dawn, clrng early pm. Shwrs with hail eve		
SAT	4	998.4	9.4	5.3	7.4	4.0	7.9	8.6	300	11	8.5	26	6.6	3.8	Cloudy with rain, occ hvy, bec fair with isol shwrs.		
SUN	5	994.7	7.6	4.4	6.0	-0.5	7.6	8.6	040	11	11.3	32	5.3	0.4	Mist & fog patches am then rain (occ hvy) til mid am, cldy pm		
MON	6	1019.5	8.2	3.2	5.7	-1.6	7.0	8.6	170	07	11.0	30	8.2	NIL	Cloudy, rain from noon, drizzle mid pm. Rain & mist eve		
TUE	7	1016.0	10.6	6.0	8.3	5.2	7.4	8.6	270	12	11.9	25	TR	4.8	Mist & fog patches early am bec fair am, sct shwrs pm		
WED	8	1026.8	8.6	5.0	6.8	3.6	7.4	8.5	350	08	6.0	20	NIL	8.0	Light showers early, otherwise fair to fine		
THU	9	1026.1	7.6	3.2	5.4	-1.5	7.0	8.5	100	09	9.8	23	NIL	2.0	Cloudy		
FRI	10	1021.3	7.1	3.1	5.1	1.6	6.9	8.5	080	13	10.3	25	0.1	3.2	Cloudy with isolated wintry showers		
SAT	11	1022.6	4.0	1.3	2.7	0.2	6.5	8.5	360	08	9.6	24	4.7	NIL	Cloudy with scattered wintry showers, mainly light.		
SUN	12	1019.1	5.7	2.4	4.1	0.4	6.1	8.4	100	12	14.2	30	0.5	3.1	Sct sleet/hail showers early, some fair periods, rain by eve		
MON	13	1013.4	11.3	5.7	8.5	3.2	6.5	8.2	090	18	16.7	31	1.6	3.6	Cloudy		
TUE	14	1018.2	10.8	8.1	9.5	7.1	7.2	8.2	150	10	9.3	21	1.3	2.1	Cloudy with rain/drizzle am. Misty day, fog mid pm. Fine eve		
WED	15	1027.3	11.1	6.9	9.0	6.4	7.5	8.2	190	07	8.5	19	1.8	4.5	Rain by dawn, occn hvy with fog. Clrng mid am. Fair pm		
THU	16	1032.2	10.4	2.9	6.7	1.3	7.6	8.2	230	03	3.3	10	0.2	4.2	Shallow fog at first, then fair, fog pm		
FRI	17	1029.8	8.0	3.9	6.0	-0.2	7.7	8.3	160	07	5.8	14	TR(fog)	1.8	Thick fog, clearing mid afternoon to become fair		
SAT	18	1025.0	10.4	6.3	8.4	3.5	7.7	8.4	130	08	7.6	19	NIL	8.6	Fair & hazy with high cloud, bec fine pm		
SUN	19	1026.5	11.2	5.8	8.5	-0.3	7.7	8.5	250	07	9.5	19	TR	0.3	Cldy & misty by dawn - shallow fog. Patchy fog am & eve		
MON	20	1024.1	10.6	9.2	9.9	9.0	8.5	8.5	260	13	13.1	24	0.5	NIL	Overcast with fog and occ drizzle		
TUE	21	1023.2	10.5	8.8	9.7	8.8	9.0	8.6	260	13	16.3	29	0.2	NIL	Cloudy with fog am. Misty pm, occn drizzle		
WED	22	1017.0	10.2	9.2	9.7	8.7	9.2	8.7	250	23	20.7	36	1.5	NIL	Cldy with mist, drizzle and isol fog ptchs through the day		
THU	23	1003.7	10.3	7.2	8.8	8.4	9.2	8.8	260	23	22.0	42	TR	7.2	Cldy with rain, drz & fog patches, clrng by 0900. Fair pm		
FRI	24	1019.6	9.4	5.3	7.4	3.5	8.7	9.0	310	08	10.1	25	TR	8.1	Fine, becoming cloudy late evening		
SAT	25	1018.4	10.1	6.9	8.5	2.3	8.5	9.0	200	16	13.7	27	TR	0.2	Cldy. A few bright intervals. A little rain during the evening		
SUN	26	1011.9	10.6	9.1	9.9	8.0	8.9	9.0	220	11	16.1	31	11.3	0.4	Cldy with drizzle & fog early. Occ drizzle pm. Rain eve.		
MON	27	992.9	9.4	3.5	6.5	6.6	9.1	9.1	200	17	20.4	48	10.0	1.1	Hvy rain am, clrng to fair - squally shwrs, hvy with hail pm.		
TUE	28	991.3	9.1	3.3	6.2	1.9	8.1	9.1	290	10	18.5	44	12.1	4.3	T&L early am with squally rain and hail shers thru the day		
MEAN		1014.8	9.5	5.7	7.6	4.0	7.9	8.5	S	12.3	12.6	TOTAL	85.6	75.5			
30 YEAR AVE. 1981-2010		1018.0	8.4	4.6	6.5	2.2	6.6	7.6	SW	13.0	13.1	////	70.2	85.8			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		18	14	2	6	1	3	0	5	13	3	1	5				
RECORDS FROM JANUARY 1947															RAINFALL	147.8 mm	SUNSHINE
WETTEST DAY DAY/YEAR	59.0mm 18th/1978	DRIEST MONTH YEAR		4.8mm 1965	LOWEST MIN DAY/YEAR		-7.2°C 21st/48,7th/91	WARMEST MNTH YEAR		9.0°C 1990	SUNNIEST MNTH YEAR		143.9 2008	RAIN DAYS	31	SUNLESS DAYS	15
WETTEST MNTH YEAR	182.8mm 1978	HIGHEST MAX DAY/YEAR		15.0°C 29th/1948	LOWEST GRASS DAY/YEAR		-11.1°C 12th/1978	COLDEST MNTH YEAR		1.5°C 1986	DULLEST MNTH YEAR		36.1hrs 1976	WET DAYS	22		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2017

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													
WED	1		1000.9	12.0	6.8	9.4	4.8	8.2	9.0	160	12	19.1	41	3.5	1.1	Rain, drizzle, mist & fog patches clearing late am to fair									
THU	2		1015.4	10.7	6.0	8.4	3.7	8.2	9.0	270	13	14.1	37	3.9	6.2	Cloudy day with isolated showers am.									
FRI	3		997.6	10.6	7.2	8.9	6.6	8.6	9.0	160	19	13.3	28	11.3	NIL	Rain, occn hvy, clrng by dawn. T&L late pm with violent rain									
SAT	4		990.3	10.2	6.4	8.3	3.2	8.7	9.0	220	16	15.5	34	2.1	7.5	Fine with sct showers pm									
SUN	5		992.5	9.9	6.2	8.1	5.0	8.6	9.0	260	24	23.0	47	21.0	5.7	Rain early am bec fair with isol squally rain and hail shwrs									
MON	6		1002.4	9.8	3.4	6.6	4.0	8.4	9.0	350	05	14.4	38	5.8	3.7	Rain early am, occ hvy clrng by noon. Isol shwrs pm & eve									
TUE	7		1019.7	8.9	7.0	8.0	4.6	8.3	9.0	240	05	10.6	28	6.8	NIL	Cldy with rain by dawn. Rain & drz pm with fog later									
WED	8		1016.7	10.6	8.9	9.8	7.5	9.0	9.0	240	21	17.9	32	3.2	NIL	Thick fog, drizzle at times									
THU	9		1023.1	11.6	10.0	10.8	9.9	9.4	9.0	250	12	11.0	22	0.6	NIL	Thick fog, intermittent drizzle									
FRI	10		1026.0	11.6	8.9	10.3	8.8	9.8	9.1	140	06	6.5	15	TR(fog)	2.5	Thick fog clearing mid afternoon, sunny periods .									
SAT	11		1018.0	12.5	8.6	10.6	6.3	9.8	9.3	140	09	7.5	17	0.4	5.1	Xtnsive high cloud after a misty start & finish. Fog late eve.									
SUN	12		1015.2	10.5	8.7	9.6	7.1	10.2	9.4	290	04	9.6	21	0.7	0.5	Cldy with fog early am, bcmg intermittent mid am, clrng pm									
MON	13		1031.0	11.4	7.5	9.5	4.4	9.9	9.4	340	06	7.1	18	NIL	10.6	Fair or fine with high cloud, decreasing thru the afternoon									
TUE	14		1035.7	11.7	8.3	10.0	5.8	10.1	9.5	310	11	10.1	22	TR	1.0	Mainly cloudy, fog patches am, became misty late evening.									
WED	15		1034.9	13.9	7.8	10.9	9.5	10.6	9.7	340	02	4.0	11	NIL	3.7	Cldy with drz & fg clrng mid am. Fair pm, sea fog xtnsv eve									
THU	16		1024.9	11.0	5.5	8.3	4.7	10.8	9.8	140	03	5.2	14	TR	3.2	Xtnsv mist & fog clrng late am to fair. Fog pm. Cldy later									
FRI	17		1024.1	9.7	7.0	8.4	4.5	10.8	9.9	320	08	12.8	35	0.7	6.7	Fair/fine early am, high cloud thru am, cldy pm & eve									
SAT	18		1018.6	10.4	8.9	9.7	7.9	10.8	10.0	260	22	20.4	35	0.1	NIL	Overcast, rain/drizzle and fog.									
SUN	19		1016.2	11.2	9.2	10.2	9.1	10.7	10.1	250	16	17.7	30	TR	NIL	Early fog & drizzle, clrng by dawn. Cloudy									
MON	20		1009.5	11.6	9.0	10.3	9.0	10.7	10.2	220	18	16.6	32	1.2	NIL	Early fog/driz clrng dawn. Rain,driz,mist,fog pm, clrng eve									
TUE	21		1014.3	10.4	5.8	8.1	3.8	10.3	10.2	280	12	14.3	37	3.1	9.4	Rain/hail shwrs early am. Cldy am bec fine sunny day									
WED	22		1003.9	10.0	4.5	7.3	5.0	10.0	10.2	250	09	10.7	38	2.8	8.7	Isolated showers am, becoming fine, excellent visibility									
THU	23		1010.1	8.0	4.6	6.3	3.1	10.0	10.2	020	09	7.5	26	22.5	NIL	Cloudy, rain/hail shwrs early then o/bks of rain, hvy in eve									
FRI	24		1024.3	10.3	6.0	8.2	3.8	9.7	10.2	070	07	10.7	28	NIL	1.5	Rain clrng early am to fair, Cloudy & hazy from mid am.									
SAT	25		1024.6	11.5	8.1	9.8	6.6	9.8	10.1	050	19	19.8	42	NIL	10.6	Fine, cloudy for a time pm.									
SUN	26		1019.3	12.8	7.8	10.3	5.1	10.0	10.1	070	14	11.8	30	TR(dew)	8.3	Fine sunny day, becoming cloudy (high cloud) mid afternoon.									
MON	27		1019.7	14.5	6.3	10.4	3.0	10.1	10.1	080	08	7.6	16	NIL	10.8	Fine sunny day, hazy at times									
TUE	28		1021.3	14.0	8.5	11.3	6.3	10.7	10.1	170	10	9.0	20	TR	4.0	Fair, became cloudy pm, patchy very light rain late eve.									
WED	29		1023.8	15.0	10.1	12.6	8.6	11.2	10.2	160	13	10.2	24	TR	0.8	Cloudy with occ light rain/driz am									
THU	30		1020.4	16.7	10.0	13.4	8.4	11.4	10.3	150	10	9.2	19	0.3	2.3	A little lt rain early then cldy. Fair prds pm. Dry air at times.									
FRI	31		1012.5	14.2	10.1	12.2	8.6	11.6	10.4	210	12	12.4	28	0.1	7.5	Fair/Fine with showers mid evening									
MEAN			1016.4	11.5	7.5	9.5	6.1	9.9	9.7	W	11.5	12.2	TOTAL	90.1	121.4										
30 YEAR AVE. 1981-2010			1017.0	10.0	5.6	7.8	2.9	7.8	8.0	W	12.4	12.3	////	67.0	127.6										
EXTREMES ARE IN BOLD TYPE		NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE										
			17	12	0	3	1	2	0	0	13	5	0	8											
RECORDS FROM JANUARY 1947																RAINFALL		237.9 mm	SUNSHINE		294.5 hrs				
WETTEST DAY DAY/YEAR		30.0mm 28th/1960		DRIEST MONTH YEAR		2.7mm 1961		LOWEST MIN DAY/YEAR		-2.2°C 10th/11th/1958		WARMEST MNTH YEAR		10.3°C 1957		SUNNIEST MNTH YEAR		214.8 2009		RAIN DAYS		48	SUNLESS DAYS		23
WETTEST MNTH YEAR		179.6mm 2001		HIGHEST MAX DAY/YEAR		19.4°C 29th/1965		LOWEST GRASS DAY/YEAR		-9.4°C 3rd/1965		COLDEST MNTH YEAR		4.4°C 1962		DULLEST MNTH YEAR		67.4hrs 1964		WET DAYS		34			

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - APRIL 2017

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs	
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX			
SAT	1	1010.6	12.6	8.8	10.7	7.7	11.9	10.5	220	11	11.2	22	TR	6.6	Isol shwrs bec fair with sunny periods, isol shwrs evening
SUN	2	1022.6	12.9	7.3	10.1	5.5	11.8	10.6	010	09	4.5	15	TR(fog)	10.7	Patchy low cloud early, otherwise fine.
MON	3	1026.8	14.2	4.9	9.6	2.2	11.8	10.8	160	08	6.0	19	1.7	5.3	Xtnsve fog am, mist early pm, clrng to cloudy mid pm
TUE	4	1026.2	11.9	8.4	10.2	7.2	12.2	10.9	310	10	8.2	20	TR	1.5	Cloudy day with fog early, isolated drizzle pm
WED	5	1032.9	11.3	7.1	9.2	7.2	12.2	11.0	020	11	8.0	20	NIL	10.3	Cloudy am becoming fair then fine late am
THU	6	1032.4	11.9	6.3	9.1	4.2	12.0	11.1	030	05	4.5	12	NIL	12.0	Fine
FRI	7	1028.2	15.7	4.9	10.3	1.3	11.9	11.1	110	05	4.5	14	NIL	12.2	Mist, shallow fog and fog banks at first then fine
SAT	8	1023.4	18.4	8.4	13.4	5.2	12.3	11.2	120	08	9.4	17	NIL	12.2	Fine sunny day
SUN	9	1021.2	15.7	9.6	12.7	9.0	12.9	11.3	160	10	11.1	22	NIL	7.5	Fine, fog late am, bcmg mist/haze pm clrng eve
MON	10	1027.6	12.5	7.5	10.0	4.3	12.8	11.4	320	08	7.6	20	NIL	10.9	Occn mist around dawn, otherwise fair
TUE	11	1030.3	13.3	6.9	10.1	2.4	12.5	11.5	060	07	4.5	13	NIL	10.3	Thin high cloud, otherwise fine.
WED	12	1024.0	11.4	6.6	9.0	3.0	12.4	11.6	280	12	10.8	25	NIL	4.6	Fair or fine at first and again by early eve. Otherwise cldy
THU	13	1020.6	13.6	7.0	10.3	4.8	12.1	11.6	300	09	8.0	17	NIL	8.5	Cloudy bec fair pm bec fine early eve
FRI	14	1020.3	11.7	7.5	9.6	4.2	12.4	11.6	290	07	8.0	18	TR	7.7	Fair/Fine becoming cloudy eve
SAT	15	1021.5	12.6	8.5	10.6	8.7	12.8	11.7	280	11	11.5	23	TR	4.0	Cloudy am with rain, drz & mist. Fair then fine pm & eve.
SUN	16	1026.6	12.5	7.6	10.1	4.5	12.4	11.7	310	11	10.7	20	NIL	12.5	Fine
MON	17	1023.6	13.5	7.7	10.6	7.4	12.8	11.8	320	08	5.9	18	NIL	7.8	Cloudy Bec fair.
TUE	18	1029.6	11.7	5.7	8.7	1.6	12.8	11.8	060	11	8.3	22	NIL	11.8	Cloudy & misty before dawn bec fair/fine - excellent vis pm
WED	19	1035.6	12.3	5.1	8.7	-0.6	12.5	11.9	050	09	8.3	21	NIL	13.5	Fine sunny day, occn dry air pm
THU	20	1037.9	11.9	4.3	8.1	-0.9	12.3	11.9	070	06	5.3	13	NIL	12.9	Fair or fine with occn dry air
FRI	21	1034.4	14.3	4.4	9.4	0.0	12.5	11.9	130	04	3.7	10	NIL	13.2	Fine
SAT	22	1030.1	15.3	8.1	11.7	3.0	13.1	12.0	030	06	5.5	14	NIL	9.3	Cloudy bec fair. Dry air at times.
SUN	23	1027.9	14.8	5.8	10.3	1.3	13.2	12.0	120	07	5.0	15	NIL	13.5	Fine, occn dry air
MON	24	1019.9	14.3	6.9	10.6	1.6	13.5	12.1	270	07	7.5	19	TR	9.4	Cloudy start bec fair/fine
TUE	25	1015.7	10.8	5.2	8.0	3.6	13.3	12.3	340	09	9.8	22	0.3	12.3	Light rain early, bec fine dawn.Sct shwrs pm. Lightnng eve
WED	26	1018.7	9.4	4.3	6.9	1.4	12.5	12.3	010	12	8.6	22	0.5	12.0	Fair/fine, isolated rain/hail showers.
THU	27	1022.3	11.0	3.6	7.3	-0.6	12.1	12.3	320	05	7.3	20	TR	10.6	Isol shwrs early am, fair, bec cldy late pm, very good vis.
FRI	28	1019.1	12.0	8.7	10.4	7.7	12.6	12.3	340	06	6.3	17	TR	1.0	Cloudy with occassional slight rain, very good visibility
SAT	29	1015.2	14.3	6.1	10.2	0.9	12.6	12.3	140	10	9.0	24	3.4	9.6	Fine start becoming cloudy pm into eve. Dry air pm
SUN	30	997.6	13.0	8.3	10.7	8.2	13.0	12.3	140	12	11.9	35	34.0	NIL	Cloudy with rain by dawn, occn heavy
MEAN		1024.1	13.0	6.7	9.9	3.9	12.5	11.6	NW	8.5	7.7	TOTAL	39.9	273.7	
30 YEAR AVE. 1981-2010		1015.1	11.8	6.6	9.2	3.7	9.8	9.4	NE	11.8	11.4	/////	53.1	194.7	
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		5	3	0	1	0	2	0	3	4	1	0	1		
RECORDS FROM JANUARY 1947															
WETTEST DAY	34.0mm	DRIEST MONTH	2.9mm	LOWEST MIN	-1.4°C	WARMEST MNTH	12.0°C	SUNNIEST MNTH	280.4hrs	RAINFALL	277.8 mm	SUNSHINE	568.2 hrs		
DAY/YEAR	30th/2017	YEAR	1980	DAY/YEAR	11th/1986	YEAR	2011	YEAR	1984	RAIN DAYS	53	SUNLESS DAYS	24		
WETTEST MNTH	130.4mm	HIGHEST MAX	24.3°C	LOWEST GRASS	-7.0°C	COLDEST MNTH	6.4°C	DULLEST MNTH	122.2hrs	WET DAYS	37				
YEAR	1966	DAY/YEAR	16th/2003	DAY/YEAR	5th/1990	YEAR	1986	YEAR	1981						

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2017

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER				
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm		hrs			
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
MON	1	1005.2	<u>10.2</u>	<u>6.7</u>	<u>8.5</u>	6.4	12.1	12.3	260	<u>28</u>	<u>19.0</u>	<u>45</u>	11.1	NIL	Rain, heavy at times, cleared by late afternoon.			
TUE	2	1017.5	14.0	8.6	11.3	5.8	<u>11.7</u>	12.2	040	08	6.0	14	TR(dew)	13.3	Fair but with thick high cld at times. Excellent vis pm.			
WED	3	1021.4	12.1	8.3	10.2	5.8	12.9	<u>12.1</u>	030	09	8.4	20	TR	4.6	Hazy for a time am, mostly cldy pm with occ sunny periods			
THU	4	1019.9	13.3	9.1	11.2	7.5	12.9	12.2	050	12	12.0	28	TR	8.1	Light shwr am, hazy until eve, cloudy am bec fair pm			
FRI	5	1017.2	13.8	9.7	11.8	8.4	13.1	12.2	070	16	17.1	37	3.1	6.2	Cloudy with haze am, fair pm, cloudy eve			
SAT	6	1008.7	11.3	9.8	10.6	8.6	13.2	12.3	070	08	6.8	23	5.4	NIL	Overcast and misty, rain moderate at times. Fog by midnight			
SUN	7	1022.2	13.9	9.2	11.6	6.9	13.0	12.3	040	<u>02</u>	<u>4.3</u>	12	NIL	10.0	Cloudy and misty with fog patches bec fine			
MON	8	1026.1	12.7	9.1	10.9	<u>5.0</u>	13.6	12.4	030	10	8.9	20	NIL	11.7	Mist, haze & fog early am clrng to fine bec cloudy eve			
TUE	9	1022.7	12.5	8.6	10.6	6.2	14.0	12.5	070	13	12.2	26	NIL	12.1	Fair becoming fine mid am			
WED	10	1006.9	14.6	8.2	11.4	6.1	14.0	12.6	090	12	11.6	23	2.0	13.8	Fair or fine with high cld, bec cldy eve. Shwrs late eve			
THU	11	<u>993.5</u>	16.9	11.7	14.3	10.3	14.8	12.7	120	11	8.8	21	0.4	3.5	Cldy & misty with shwrs am & late pm. Occn fair.			
FRI	12	996.1	14.6	11.4	13.0	10.0	15.0	12.8	190	10	7.7	17	2.0	1.8	Cldy, rain/drz/fog am clrng to shwrs & fog mid am. Shwr pm			
SAT	13	1009.5	16.6	10.6	13.6	10.7	14.8	13.0	210	11	10.5	23	0.9	7.3	Shwr early am then mist, clrng mid am, Fair pm			
SUN	14	1020.5	15.7	10.1	12.9	8.9	15.4	13.1	230	14	9.2	22	0.4	13.7	Rain & mist early am, clrng to fine. Xtnsv high cloud by eve			
MON	15	1025.2	16.3	10.8	13.6	9.5	15.7	13.2	160	12	11.0	21	TR	0.1	Cloudy day with rain am.			
TUE	16	1025.2	20.5	14.0	17.3	12.8	15.8	13.4	170	10	6.5	17	9.4	2.0	Fair to cldy, occn rain bec hvy late eve.			
WED	17	1017.9	16.2	10.7	13.5	<u>14.3</u>	16.2	13.5	270	05	4.6	17	<u>19.3</u>	NIL	Cloudy, persistent rain heavy at times, fog in evening.			
THU	18	1015.0	12.6	9.8	11.2	10.5	15.3	13.7	310	08	8.8	19	0.7	1.6	Rain early am then cloudy			
FRI	19	1014.4	13.8	7.9	10.9	<u>5.0</u>	14.8	13.7	290	08	8.0	18	TR	11.7	Fair am with isol shrs, bec fine pm. Excellent vis.			
SAT	20	1019.4	14.8	8.5	11.7	5.9	15.0	13.7	230	14	9.8	21	1.4	8.9	Fair with shower mid am.			
SUN	21	1024.6	18.0	8.9	13.5	<u>5.0</u>	14.9	13.8	140	10	7.5	17	NIL	13.3	Fair/fine. Long sunny periods			
MON	22	1015.1	19.4	12.1	15.8	10.7	15.8	13.8	130	12	11.5	24	NIL	10.9	Fair to fine, low cloud mist/fog for a time in evening			
TUE	23	1024.0	17.5	11.7	14.6	10.5	16.4	13.9	260	10	8.8	20	TR(dew)	3.3	Cldy & misty. Fair i/vals early am then cldy. Mist pm then fog.			
WED	24	<u>1027.5</u>	17.5	11.4	14.5	9.9	16.4	14.1	040	03	4.5	12	NIL	5.1	Cldy with xtnsv fog + mist early am. Fine pm, good vis eve			
THU	25	1022.5	21.3	12.3	16.6	10.7	16.3	14.2	090	13	11.5	24	NIL	<u>14.7</u>	Fine			
FRI	26	1014.7	<u>24.4</u>	<u>15.3</u>	<u>19.9</u>	12.8	17.4	14.3	090	14	11.5	25	TR	<u>14.7</u>	Fine, sunny day. Good viz. Lightning eve			
SAT	27	1014.9	22.0	12.6	17.3	13.9	<u>18.1</u>	14.6	250	16	10.8	27	NIL	6.1	Lightning early hours, fog for a time a.m., bec fair p.m.			
SUN	28	1017.1	20.3	11.1	15.7	8.0	17.5	14.8	050	09	6.0	20	7.9	0.7	Mainly cldy. Thundery shwrs am & evening. Occ mist / haze.			
MON	29	1012.7	16.8	12.9	14.9	12.8	17.5	14.9	270	06	8.5	19	0.7	0.5	Fog until mid pm bec misty. Occ driz + shwrs			
TUE	30	1018.6	18.0	12.8	15.4	11.2	16.8	15.0	250	09	8.8	17	NIL	9.7	Fog, mist & drz am, clrng early pm, Mist & ptchy fog eve			
WED	31	1024.0	19.9	12.1	16.0	12.1	17.7	<u>15.1</u>	040	06	5.2	13	NIL	10.9	Early fog clrng mid am to fair			
MEAN		1016.8	16.2	10.5	13.3	9.1	15.1	13.4	NE	10.6	9.2	TOTAL	64.7	220.3				
30 YEAR AVE. 1981-2010		1016.0	14.9	9.2	12.0	6.7	13.0	11.8	NE	11.4	10.9	/////	50.9	234.5				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		14	9	0	1	1	4	0	0	12	1	0	3					
RECORDS FROM JANUARY 1947															RAINFALL	342.5 mm	SUNSHINE	788.5 hrs
WETTEST DAY DAY/YEAR	40.4mm 24th/1950	DRIEST MONTH YEAR	4.1mm 1989	LOWEST MIN DAY/YEAR	0.1°C 2nd/1979	WARMEST MNTH YEAR	13.9°C 1989	SUNNIEST MNTH YEAR	336.4hrs 1989	RAIN DAYS	67	SUNLESS DAYS	27	WET DAYS	46			
WETTEST MNTH YEAR	128.7mm 1994	HIGHEST MAX DAY/YEAR	25.9 30th/2003	LOWEST GRASS DAY/YEAR	-5.6°C 5th/1979	COLDEST MNTH YEAR	9.9°C 1984	DULLEST MNTH YEAR	136.9hrs 1981									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JUNE 2017

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					
THU	1	1020.9	23.2	14.2	18.7	11.5	18.4	<u>15.2</u>	140	09	6.2	15	NIL	14.6	Fine.		
FRI	2	1017.1	19.6	13.2	16.4	10.9	19.0	15.4	010	04	4.7	12	TR	7.9	Fair prds & cldy spells. Short prd fog early am. Lte rain pm		
SAT	3	1018.5	16.8	11.3	14.1	9.6	18.8	15.6	270	08	9.5	20	TR	12.9	Mist early am, bec fine, high cloud pm with xcellent vis		
SUN	4	1019.5	17.0	<u>10.3</u>	13.7	7.4	18.2	15.8	200	11	8.7	16	TR	8.1	Fair with light shwr early am and mid pm		
MON	5	1012.4	15.4	10.9	13.2	8.6	17.9	15.9	180	12	15.4	41	<u>20.5</u>	1.5	Cloudy with rain by midday, occn heavy at times		
TUE	6	1005.3	<u>14.7</u>	10.4	<u>12.6</u>	9.7	<u>16.5</u>	15.9	260	<u>26</u>	<u>25.4</u>	<u>43</u>	TR	13.5	Cldy with shwrs, occ hvy, soon bec fair with isol lt shwrs		
WED	7	1018.1	15.6	11.5	13.6	9.9	16.6	15.8	260	18	15.5	36	TR	5.6	Cloudy with sunny periods am, cloudy with lt rain eve		
THU	8	1010.9	17.4	12.4	14.9	10.8	16.7	15.7	160	14	11.1	23	1.4	1.0	Cloudy + sunny intervals am, light rain pm, fog patches eve		
FRI	9	1013.7	17.2	12.4	14.8	11.3	16.8	15.6	230	16	11.5	25	TR	6.7	Fair to cloudy with shwrs am, rain late eve		
SAT	10	1017.9	20.7	13.2	17.0	12.0	17.4	15.6	160	14	9.4	20	0.4	13.9	Fine		
SUN	11	1017.7	17.5	12.9	15.2	13.8	18.3	15.7	240	10	13.0	28	NIL	6.8	Drizzle & fog am, clearing to mist/haze, bec fair by mid pm		
MON	12	1022.1	16.8	11.8	14.3	10.2	18.1	15.8	260	15	11.2	24	NIL	12.3	Fair or fine		
TUE	13	1020.7	19.1	10.7	14.9	<u>6.3</u>	18.0	16.0	170	03	5.2	15	NIL	13.8	Shallow fog early am, fair or fine bec cloudy for a time pm		
WED	14	1015.9	22.5	12.7	17.6	11.0	18.7	16.1	110	12	5.2	15	NIL	14.8	Fine		
THU	15	1018.0	17.8	13.3	15.6	11.8	19.3	16.2	240	13	12.6	24	NIL	9.8	Low cloud, Fog/Mist early clearing to fair/fine		
FRI	16	1027.7	17.9	12.5	15.2	9.7	18.6	16.4	300	11	9.3	19	NIL	14.1	Fine		
SAT	17	<u>1028.4</u>	22.3	13.3	17.8	9.8	18.9	16.6	320	<u>01</u>	<u>4.5</u>	14	NIL	<u>15.1</u>	Fine		
SUN	18	1023.7	25.4	13.8	19.6	11.4	19.7	16.7	080	07	7.4	21	NIL	14.9	Fine		
MON	19	1017.9	26.6	17.5	22.1	15.1	20.5	16.9	090	07	8.0	18	NIL	14.7	Fair with high cloud		
TUE	20	1015.8	<u>27.9</u>	<u>17.9</u>	<u>22.9</u>	16.3	21.2	17.1	070	06	8.1	17	NIL	12.9	Fair becoming fine		
WED	21	1013.6	27.4	15.8	21.6	16.2	<u>21.8</u>	17.4	190	02	6.9	17	TR	14.1	Fine, sea fog encroached during evening, became thick fog		
THU	22	1015.7	20.6	15.0	17.8	<u>16.4</u>	<u>21.8</u>	17.6	260	13	11.7	22	TR	8.2	Mist & fog briefly early am, light drizzle clearing to fine pm		
FRI	23	1021.1	18.8	14.4	16.6	13.5	20.7	<u>17.9</u>	250	12	13.0	25	NIL	3.7	Cloudy with occ lt rain am, clrng to fine eve		
SAT	24	1018.7	17.5	14.3	15.9	12.7	19.9	<u>17.9</u>	230	14	14.2	27	TR	NIL	Cloudy with light drizzle pm, fog by eve, clrng later		
SUN	25	1017.1	18.0	13.9	16.0	12.3	19.1	<u>17.9</u>	240	13	12.6	24	TR	1.2	Low cloud , occ drizzle, mist . Clearing mid eve		
MON	26	1014.5	20.1	14.3	17.2	14.6	19.0	17.8	080	06	<u>4.5</u>	13	0.1	9.5	Some cloud early and again late otherwise fine.		
TUE	27	1007.7	16.4	13.2	14.8	10.2	19.5	17.7	300	07	5.5	12	4.5	0.2	Early mist then int rain and showers, clearing eve to cloudy		
WED	28	998.0	15.6	13.2	14.4	11.1	18.6	17.7	350	02	10.1	23	3.1	0.3	Cloudy with radz. Fog mid am until early pm.		
THU	29	<u>996.8</u>	18.4	12.7	15.6	11.2	17.9	17.6	210	11	9.8	22	6.8	5.3	Isol lt shwrs bec fair pm. Cldy eve with occ rain/dzl & mist.		
FRI	30	1005.0	16.2	11.9	14.1	12.1	18.2	17.5	310	10	12.4	25	0.1	2.4	Rain/drizzle am. Sunny periods pm with isolated showers		
MEAN		1015.7	19.3	13.2	16.3	11.6	18.8	16.6	S	10.2	10.1	TOTAL	36.9	259.8			
30 YEAR AVE. 1981-2010		1018.0	17.5	11.5	14.5	9.0	16.0	14.4	W	10.4	10.1	////	45.5	246.6			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		6	5	0	0	0	0	0	0	9	1	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	379.4 mm	SUNSHINE	1048.3 hrs
WETTEST DAY DAY/YEAR	46.8mm 16th/1970	DRIEST MONTH YEAR		0.6mm 1976	LOWEST MIN DAY/YEAR		5.4°C 1st/1975	WARMEST MNTH YEAR		16.7°C 1976	SUNNIEST MNTH YEAR		355.3hrs 1975	RAIN DAYS	73	SUNLESS DAYS	28
WETTEST MNTH YEAR	129.7mm 1986	HIGHEST MAX DAY/YEAR		30.8°C 26th/1976	LOWEST GRASS DAY/YEAR		-3.0°C 14th/1987	COLDEST MNTH YEAR		11.3°C 1972	DULLEST MNTH YEAR		147.8hrs 1977	WET DAYS	51		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JULY 2017

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm		hrs		
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
SAT	1	1019.5	17.2	13.6	15.4	12.8	17.8	17.4	320	14	13.9	24	TR	11.9	Cldy am, sunny prds pm, cloud returning late with drizzle		
SUN	2	1023.7	18.5	13.7	16.1	13.4	18.5	<u>17.3</u>	300	12	11.1	24	TR	11.7	Patchy dzl & fog patches early, bec fine. Cloudy late eve.		
MON	3	1024.7	18.4	13.4	15.9	12.2	18.9	<u>17.3</u>	240	13	10.5	19	0.2	1.9	Cloudy, mist drizzle rain fog patches am. Cloud clrng eve		
TUE	4	1022.2	19.1	13.2	16.2	10.5	18.8	17.4	190	05	4.1	11	NIL	9.8	Cldy, misty with fog patches, bec fair with xtnsv high cloud.		
WED	5	1017.9	23.8	12.3	18.1	8.8	19.0	17.4	060	12	9.0	19	NIL	11.7	Fine , sunny day with increasing high cloud from late pm.		
THU	6	1013.4	24.2	<u>17.2</u>	20.7	15.4	19.7	17.4	230	<u>02</u>	6.6	16	NIL	13.0	Fair or fine with long sunny periods, warm		
FRI	7	1019.4	20.5	13.8	17.2	10.1	19.9	17.6	300	10	7.4	15	NIL	<u>14.9</u>	A little shallow fog early, otherwise fine.		
SAT	8	1020.8	20.8	14.7	17.8	10.9	<u>20.0</u>	17.7	190	03	<u>3.8</u>	12	NIL	11.6	Fine, cloudy for a time am		
SUN	9	1015.0	20.6	14.1	17.4	<u>8.6</u>	19.8	17.9	280	05	6.6	17	TR	12.8	Mist / shallow fog at first then fair. Cldy later. Lightning late		
MON	10	1012.5	19.7	14.2	17.0	12.7	<u>20.0</u>	18.0	260	12	11.3	24	0.5	5.2	Early light showers & lightning, otherwise cldy, occn fair		
TUE	11	1012.2	18.2	14.8	16.5	13.9	19.8	18.0	210	12	12.1	28	3.9	0.6	Rain then shwrs, rain pm with mist,drizzle & fog by eve		
WED	12	1013.7	18.7	14.8	16.8	15.4	19.1	18.0	010	11	9.7	28	TR	3.1	Mist, drz & fog patches am, clrng to cldy with sunny ints		
THU	13	1021.9	20.1	14.6	17.4	13.0	19.2	18.0	130	03	6.5	16	NIL	10.3	Cloudy became fair to fine		
FRI	14	1023.0	18.8	14.5	16.7	12.4	19.3	18.0	300	13	11.0	21	NIL	9.2	Mainly cloudy am. Bec fair pm		
SAT	15	1025.4	19.3	13.8	16.6	11.5	18.9	17.9	250	10	10.4	22	TR	6.7	Cloudy am & eve, fair pm		
SUN	16	<u>1026.6</u>	21.2	15.8	18.5	15.2	19.4	17.9	270	07	8.8	17	TR	5.0	Mist & fog early am, clearing to cloudy.Mist & fog eve		
MON	17	1023.2	20.9	15.9	18.4	14.6	19.9	18.0	050	09	9.0	22	NIL	8.4	Mist clearing. Cloudy bec fair but with high cloud at times		
TUE	18	1013.0	<u>24.7</u>	16.9	<u>20.8</u>	15.8	<u>20.0</u>	<u>18.1</u>	070	13	11.7	33	8.8	7.2	Fair, bec cloudy, thunderstorms early pm then fair to cloudy		
WED	19	<u>1006.2</u>	20.4	17.1	18.8	<u>16.3</u>	19.7	<u>18.1</u>	220	<u>17</u>	10.0	26	2.3	2.9	Mainly cloudy, -driz/mist am, showers and fog patches eve		
THU	20	1012.0	18.6	13.9	16.3	13.3	19.5	<u>18.1</u>	280	15	14.2	29	TR	12.1	Rain, drz, fog clrng dawn to fine occn fair. Noon shower		
FRI	21	1008.1	18.9	13.6	16.3	11.8	18.9	<u>18.1</u>	170	<u>17</u>	14.2	<u>37</u>	13.8	1.1	Cldy am, rain early pm, occn heavy, clearing to fair eve		
SAT	22	1008.9	<u>16.9</u>	<u>11.9</u>	<u>14.4</u>	11.6	17.9	<u>18.1</u>	260	10	14.1	31	5.4	0.9	Cloudy, showers or longer spells of rain		
SUN	23	1015.2	18.5	14.0	16.3	11.9	<u>17.5</u>	17.9	260	12	11.4	23	NIL	5.1	Cloudy at times otherwise fair		
MON	24	1016.7	20.9	14.4	17.7	11.9	17.9	17.8	310	14	12.8	25	NIL	13.9	Fair or fine		
TUE	25	1018.2	20.0	14.4	17.2	12.1	18.5	17.7	320	05	7.6	17	7.1	12.0	Fine becoming fair to cloudy pm & eve		
WED	26	1010.8	17.0	14.8	15.9	14.5	19.2	17.7	240	<u>17</u>	13.3	27	0.7	NIL	Rain, drz & fog clrng briefly @ noon, mist & fog pm cldy eve		
THU	27	1010.6	18.7	14.4	16.6	13.2	18.2	17.8	240	15	14.3	28	0.1	5.3	Fair with sunny periods mainly pm		
FRI	28	1012.9	18.9	14.7	16.8	13.5	18.1	17.7	220	14	<u>15.5</u>	34	0.8	0.1	Cloudy, patchy light rain/drizzle. Fog by midnight.		
SAT	29	1011.3	18.2	15.5	16.9	15.9	18.1	17.7	210	05	8.9	25	<u>21.7</u>	NIL	O/cast with mist, fog. Rain, occ hvy, & drz at times esp. am		
SUN	30	1009.9	18.8	14.1	16.5	12.9	18.2	17.6	230	14	12.4	28	TR	5.2	Cldy with rain/drzl early clrng to fair with isol shwrs		
MON	31	1013.6	19.2	14.2	16.7	12.4	18.0	17.5	240	13	8.6	18	NIL	13.1	Fair or fine with long sunny periods.		
MEAN		1016.2	19.7	14.5	17.1	12.9	19.0	17.8	SW	10.8	10.3	TOTAL	65.3	226.7			
30 YEAR AVE. 1981-2010		1017.7	19.5	13.6	16.5	11.2	17.8	16.3	W	10.5	10.2	////	42.1	250.7			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		11	7	0	0	1	4	0	0	13	2	0	2				
RECORDS FROM JANUARY 1947														RAINFALL	444.7 mm	SUNSHINE	1275.0 hrs
WETTEST DAY DAY/YEAR	62.5mm 7th/2004	DRIEST MONTH YEAR	3.9mm 1999	LOWEST MIN DAY/YEAR	8.3°C 8th/1954	WARMEST MNTH YEAR	19.4°C 1983	SUNNIEST MNTH YEAR	335.9hrs 1959	RAIN DAYS	84	SUNLESS DAYS	30				
WETTEST MNTH YEAR	120.2mm 1960	HIGHEST MAX DAY/YEAR	31.7°C 1st/1952	LOWEST GRASS DAY/YEAR	1.0°C 7th/1996	COLDEST MNTH YEAR	13.8°C 1954	DULLEST MNTH YEAR	167.7hrs 1972	WET DAYS	58						

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2017

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	1016.2	19.2	12.4	15.8	8.1	18.4	17.6	220	08	6.4	16	13.6	10.8	Fine becoming cloudy late pm			
WED	2	1013.6	17.7	14.8	16.3	14.2	18.7	17.6	180	17	14.2	30	40.5	NIL	O/cast. Rain, occ prolonged & hvy. Misty, fog paches			
THU	3	1012.0	19.3	15.7	17.5	14.4	18.0	17.7	230	19	18.5	39	TR	4.4	Isolated shower, some fair ints, otherwise rather cloudy			
FRI	4	1014.7	19.2	15.1	17.2	15.0	18.0	17.5	250	13	11.1	24	0.2	6.9	Early light showers becoming fair			
SAT	5	1019.4	18.2	13.8	16.0	12.4	18.5	17.5	280	13	12.2	23	NIL	13.0	Early shower then fine and sunny			
SUN	6	1025.7	18.5	12.5	15.5	9.3	18.5	17.6	240	10	7.3	18	NIL	13.7	Fine sunny day with good viz			
MON	7	1019.7	18.5	12.6	15.6	10.2	18.4	17.6	220	08	4.6	11	TR	9.6	Fair, high cloud thickened by evening			
TUE	8	1013.6	18.0	13.2	15.6	12.6	18.6	17.6	300	04	9.3	23	5.5	9.0	Cloudy with isol very light shwrs bec fair			
WED	9	1015.8	15.7	11.7	13.7	7.8	18.2	17.7	340	06	6.8	25	6.2	0.7	Cldy, shwrs, occ hvy + T&L. Funnel cloud 0638. Rain/dzl pm			
THU	10	1024.7	17.8	13.4	15.6	10.5	17.5	17.6	350	12	9.6	24	NIL	13.7	Cloudy early am bec fair to fine, xcllnt vis			
FRI	11	1022.9	17.1	12.9	15.0	11.0	17.6	17.6	290	10	12.1	27	0.3	2.3	Fair becoming cloudy with int rain/drizzle pm & eve			
SAT	12	1019.0	18.2	14.4	16.3	15.3	17.8	17.5	290	11	12.8	25	0.1	6.8	Drizzle and fog cleared mid-moring, became fair			
SUN	13	1022.8	17.8	12.5	15.2	11.5	18.0	17.5	310	05	4.8	13	NIL	8.1	Fair periods and cloudier spells			
MON	14	1017.4	21.0	12.0	16.5	8.1	18.0	17.5	130	08	5.6	15	TR	8.1	Fair with high cloud, occn light shwrs pm. Lighning late eve			
TUE	15	1016.6	18.5	14.5	16.5	12.8	18.4	17.5	300	12	7.8	17	NIL	11.2	Lightning early am, patchy cloud am, fine pm with xln vis			
WED	16	1021.3	19.5	12.5	16.0	9.7	18.5	17.6	190	08	7.5	22	2.4	7.2	Fair/fine becoming cloudy pm. Rain from mid evening			
THU	17	1014.9	20.3	16.1	18.2	15.9	19.0	17.6	240	14	13.8	26	0.3	6.1	Rain/drizzle/fog, cleared mid-morning, became mainly fair			
FRI	18	1015.2	18.7	14.8	16.8	14.2	18.9	17.7	270	12	17.1	30	0.2	10.7	Cldy with shwrs soon bec fair with isol v. light showers			
SAT	19	1021.8	18.5	14.0	16.3	11.9	18.5	17.8	270	13	12.9	27	NIL	11.2	Light shwrs early, otherwise fair or fine, occn cldy			
SUN	20	1026.1	18.3	11.9	15.1	7.8	18.3	17.8	230	09	9.3	22	3.1	1.0	Fine bec cldy, light driz pm bec misty + radz + fog from eve			
MON	21	1022.9	19.6	15.5	17.6	15.5	18.5	17.8	280	08	6.8	20	NIL	0.1	Foggy start becoming cloudy			
TUE	22	1017.0	24.0	14.4	19.2	13.6	18.8	17.7	110	11	10.6	23	NIL	9.8	Sunny spells.			
WED	23	1016.3	20.3	15.4	17.9	15.3	19.3	17.7	280	12	11.0	21	NIL	6.1	Foggy early. Fair periods developing but with high cloud			
THU	24	1018.9	19.7	13.8	16.8	11.5	18.9	17.8	270	08	4.7	13	TR(dew)	10.8	Mostly fair with extensive high cloud throughout			
FRI	25	1017.5	19.5	12.3	15.9	8.4	18.6	17.8	050	05	4.3	13	TR(dew)	10.3	Shallow fog am, high cloud throughout. Fair periods			
SAT	26	1017.3	20.6	13.9	17.3	10.6	18.7	17.9	020	06	4.5	10	TR	9.0	Shallow fog am, high cloud , fair/fine			
SUN	27	1018.2	23.4	14.6	19.0	12.5	18.9	17.9	020	03	4.3	10	NIL	11.5	Fair became fine			
MON	28	1018.0	25.0	15.1	20.1	12.0	19.1	17.9	030	05	5.8	13	NIL	10.1	Early mist & fog soon clearing then fair, high cloud at times			
TUE	29	1014.3	21.1	15.7	18.4	14.4	19.6	18.0	040	09	8.4	22	0.2	9.1	Haze & mist to mid am, then fair bec cloudy early afternoon			
WED	30	1014.6	15.7	12.3	14.0	12.4	18.9	18.0	350	11	9.0	23	1.9	2.1	Cloudy with rain am, clrng to fine + xllnt vis, shra eve			
THU	31	1019.5	18.0	12.5	15.3	10.1	17.7	18.1	270	14	8.5	20	9.4	7.1	Fair with occn shwrs. T&L with hvy rain late eve			
MEAN		1018.3	19.3	13.8	16.5	11.9	18.5	17.7	W	9.8	9.1	TOTAL	83.9	240.5				
30 YEAR AVE. 1981-2010		1017.3	19.8	14.1	16.9	11.3	18.1	17.2	W	9.9	9.7	////	47.7	230.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		13	8	0	0	2	4	0	0	9	0	0	1					
RECORDS FROM JANUARY 1947															RAINFALL	528.6 mm	SUNSHINE	1515.5 hrs
WETTEST DAY DAY/YEAR	55.8mm 22nd/1973	DRIEST MONTH YEAR	3.8mm 1955	LOWEST MIN DAY/YEAR	9.2°C 28th/1986	WARMEST MNTH YEAR	19.3°C 2003	SUNNIEST MNTH YEAR	323.0hrs 1955	RAIN DAYS	97	SUNLESS DAYS	31					
WETTEST MNTH YEAR	122.0mm 1951	HIGHEST MAX DAY/YEAR	34.3 9th/2003	LOWEST GRASS DAY/YEAR	0.8°C 11th/1981	COLDEST MNTH YEAR	14.3°C 1956	DULLEST MNTH YEAR	139.2hrs 1992	WET DAYS	66							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2017

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL	DIR'N	SPEED(knots)				mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
FRI	1	1021.7	17.6	11.5	14.6	10.3	17.8	18.0	010	06	5.8	17	NIL	10.6	Heavy rain very early, became fine.			
SAT	2	1024.2	17.3	12.2	14.8	9.1	17.6	17.9	290	09	5.9	17	7.4	9.9	Fine am, increasing high cloud from early afternoon			
SUN	3	1011.9	16.8	12.6	14.7	10.4	17.6	17.8	160	20	13.9	31	11.3	NIL	Persistant rain until mid pm, drizzle & fog from evening			
MON	4	1012.8	18.7	15.6	17.2	15.4	17.4	17.7	230	08	9.1	19	0.1	2.0	Cldy, occ drz & mist with fog patches. Fair late pm then cldy			
TUE	5	1015.0	18.4	14.9	16.7	15.2	17.9	17.6	190	13	15.6	37	TR	0.2	Cloudy with patchy light drizzle, clrng early eve			
WED	6	1023.5	18.3	14.2	16.3	12.1	17.3	17.6	270	16	13.6	26	TR	5.9	Isol light showers early am, cloudy occn fair pm & eve			
THU	7	1018.6	17.4	14.4	15.9	12.3	17.4	17.5	260	11	14.0	29	5.8	0.6	Cloudy day with intermittent showers throughout the day			
FRI	8	1006.0	16.0	14.0	15.0	13.8	17.3	17.4	240	19	18.0	35	18.6	NIL	Shwrs early turning to persistant rain til mid pm, scat shwrs			
SAT	9	1001.5	17.1	12.2	14.7	10.9	16.5	17.3	290	14	14.7	29	0.2	9.9	Fair with occn shwrs, hvy early am			
SUN	10	1005.6	16.2	13.7	15.0	11.4	16.6	17.3	250	17	17.6	36	3.6	0.3	Showers am, rain, drz & mist pm, showers returning eve			
MON	11	999.6	16.8	11.2	14.0	9.9	16.0	17.1	260	27	22.5	48	0.7	7.3	Fair with morning showers			
TUE	12	1011.1	16.4	12.8	14.6	10.1	16.1	17.0	270	14	18.1	45	1.6	5.1	Fair/Fine with isol shwrs am bec cldy with rain/drz pm & eve			
WED	13	1007.0	16.4	11.2	13.8	12.1	16.2	16.9	260	21	21.5	42	1.8	1.8	Cloudy with occ showers, fair for a time pm. Windy			
THU	14	1013.1	16.1	10.0	13.1	8.0	15.5	16.8	280	20	16.5	38	0.1	9.2	Fair periods and scattered, mainly light, showers			
FRI	15	1015.2	15.2	10.7	13.0	8.6	15.4	16.7	310	10	8.3	27	3.2	9.1	Fair, occn lt shwrs, mod eve. Lightning early am, t&l late eve			
SAT	16	1013.0	15.3	10.5	12.9	5.5	15.3	16.5	340	03	3.0	14	3.3	4.2	Cloudy with isol shwrs am & pm, bec fine late pm. Good vis			
SUN	17	1012.8	15.5	9.3	12.4	6.0	15.3	16.4	020	02	3.5	19	TR	8.1	Cloudy with isol shwrs becoming fine late pm. Good vis			
MON	18	1019.2	15.8	10.6	13.2	5.3	15.2	16.4	340	05	7.1	19	NIL	7.6	Fair with excellent visibility becoming cloudy.			
TUE	19	1023.1	16.5	11.8	14.2	10.1	15.4	16.3	300	12	8.9	21	NIL	10.3	Cloudy early am bec fair or fine with long sunny periods			
WED	20	1020.8	17.5	12.4	15.0	8.6	15.6	16.2	210	09	10.6	22	0.3	3.6	Cloudy, occn fair pm. Good vis			
THU	21	1015.1	15.8	12.5	14.2	12.0	15.9	16.2	180	12	11.3	20	0.5	1.7	Cldy with occn rain, clearing early pm			
FRI	22	1022.6	16.7	10.4	13.6	5.0	15.2	16.2	220	10	6.7	16	NIL	10.6	Fair with high cloud and excellent vis			
SAT	23	1021.6	17.7	12.4	15.1	9.0	15.4	16.1	150	10	8.8	19	TR	9.4	Fair with extensive high cloud and very good visibility			
SUN	24	1017.9	16.6	14.8	15.7	12.4	15.8	16.0	190	07	6.8	16	19.2	NIL	Cldy with rain, drz, fog ptchs mid am. Hvy rain pm, fog eve			
MON	25	1019.0	16.6	13.5	15.1	14.3	16.0	16.0	330	05	5.7	14	0.1	1.7	Low cloud with fog & drizzle am clrng to cloudy, occ fair			
TUE	26	1022.5	17.6	12.4	15.0	8.0	15.8	16.0	310	05	3.5	11	TR(dew)	2.6	Mist & shallow fog clrng after dawn then cloudy occ fair			
WED	27	1018.6	17.2	13.8	15.5	11.3	16.0	16.0	160	10	11.5	25	3.5	2.1	Fair am, outbreaks of rain pm.			
THU	28	1020.5	17.3	12.3	14.8	10.7	16.1	16.0	240	08	8.8	21	0.6	7.1	Cloudy with occ rain early am & eve			
FRI	29	1017.5	17.4	13.2	15.3	14.5	16.6	16.0	280	13	10.2	20	4.5	0.8	Cloudy with rain, drizzle & hill fog am, clearing pm. Fair eve			
SAT	30	1018.8	16.8	13.0	14.9	11.1	16.0	16.1	220	12	13.8	34	5.4	2.2	Cloudy, showers am. Rain/Drizzle pm eve .			
MEAN		1015.7	16.8	12.5	14.7	10.4	16.3	16.8	W	11.6	11.2	TOTAL	91.8	143.9				
30 YEAR AVE. 1981-2010		1017.2	18.0	12.9	15.4	9.8	16.3	16.5	W	11.1	10.8	/////	57.5	180.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		18	13	0	0	1	2	0	0	5	0	0	3					
RECORDS FROM JANUARY 1947															RAINFALL	620.4 mm	SUNSHINE	1659.4 hrs
WETTEST DAY DAY/YEAR	43.7mm 20th/1949	DRIEST MONTH YEAR	6.9mm 1997	LOWEST MIN DAY/YEAR	5.8°C 28th/1974	WARMEST MNTH YEAR	17.5°C 1949	SUNNIEST MNTH YEAR	266.5hrs 1959	RAIN DAYS	115	SUNLESS DAYS	34					
WETTEST MNTH YEAR	194.5mm 1952	HIGHEST MAX DAY/YEAR	30.6°C 2nd/1961	LOWEST GRASS DAY/YEAR	-1.0°C 23rd/1979	COLDEST MNTH YEAR	12.8°C 1986	DULLEST MNTH YEAR	104.5hrs 1956	WET DAYS	79							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2017

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	1014.7	16.6	14.2	15.4	13.1	15.9	16.1	230	13	16.1	29	2.7	NIL	Rain & drz from early am, fog mid am to mid pm then mist					
Mon	2	1018.6	16.7	12.0	14.4	13.7	15.9	16.0	270	15	14.6	31	4.9	3.9	Fair to fine bec cldy pm with rain occ hvy during evening					
Tue	3	1025.9	15.1	10.3	12.7	8.7	15.6	16.1	330	08	5.8	19	NIL	9.5	Fair to fine					
Wed	4	1027.3	15.7	10.2	13.0	5.1	15.1	16.0	280	08	9.0	24	TR	8.4	Fair or fine with xtensive high cloud at times					
Thu	5	1020.5	16.2	12.0	14.1	9.7	15.2	16.0	270	21	14.4	32	0.3	3.9	Cloudy start with drizzle/mist clearing pm to become fine					
Fri	6	1028.6	14.8	10.2	12.5	8.2	14.8	15.8	330	08	5.5	17	NIL	9.5	Fair or fine with good vis					
Sat	7	1023.9	14.7	9.2	12.0	3.7	14.4	15.8	250	20	15.8	32	7.8	0.1	Cloudy, rain/drizzle and mist p.m. cleared late evening					
Sun	8	1021.8	16.6	12.0	14.3	9.7	14.6	15.7	350	03	2.6	16	1.2	5.1	Fair or fine with good vis					
Mon	9	1021.6	16.1	12.7	14.4	7.3	15.0	15.6	270	08	8.3	20	1.8	NIL	Rain & drz from early am thru to early pm, returning eve					
Tue	10	1019.2	15.2	12.1	13.7	11.2	15.1	15.5	250	13	12.0	24	0.2	0.1	Cloudy wth isolated drizzle am. Drizzle pm					
Wed	11	1015.3	17.6	13.4	15.5	12.8	15.0	15.5	200	14	15.8	31	1.6	2.2	Occn fair ints bec cldy with rain/drz late pm cleared late eve					
Thu	12	1022.9	16.8	11.6	14.2	8.5	14.9	15.5	240	09	8.8	21	0.1	5.6	Fine bec cloudy wth -radz + fog patches pm					
Fri	13	1024.8	18.1	14.0	16.1	13.9	15.4	15.5	200	12	8.5	18	TR(dew)	6.0	Cloudy with slight rain am, becoming fine pm					
Sat	14	1025.9	17.6	13.7	15.7	9.5	15.6	15.5	160	06	7.4	19	TR(dew)	8.8	Cloudy start becoming fine sunny day					
Sun	15	1019.0	17.8	14.7	16.3	12.7	15.8	15.5	190	09	10.4	22	NIL	4.6	Cloudy, bec fine for a time, further cloud from mid afternoon					
Mon	16	1014.3	17.7	14.1	15.9	14.9	16.0	15.5	160	17	15.5	35	TR	3.0	Cloudy with smoke haze bec fair					
Tue	17	1021.0	14.4	11.1	12.8	6.8	15.1	15.6	---	00	6.7	21	1.3	NIL	Bec cloudy by dawn with occn rain thru the day					
Wed	18	1010.5	16.9	12.2	14.6	12.3	15.1	15.5	230	07	4.9	13	0.2	2.4	Rain, mist & fog ptchs early, mist clrng to cldy occn fair					
Thu	19	1003.9	15.7	12.4	14.1	7.0	15.3	15.5	200	09	14.4	42	14.5	NIL	Low cloud with mist, rain and drizzle am. Rain pm occ hvy					
Fri	20	1011.2	15.6	11.8	13.7	9.5	14.7	15.4	260	17	19.2	42	3.5	6.7	Light shwrs early, fair or fine, bec cldy eve with rain late					
Sat	21	1007.4	15.7	9.6	12.7	10.8	14.6	15.4	230	30	28.2	51	5.7	5.1	Lt rain soon clearing to fair prds. Squally showers later					
Sun	22	1019.2	14.0	8.8	11.4	7.1	13.8	15.4	290	18	19.4	39	4.4	4.2	Blustery rain/hail shwrs am, occn fair pm, shwrs eve					
Mon	23	1020.1	15.3	12.2	13.8	10.6	13.8	15.2	220	16	15.9	28	5.0	NIL	Cloudy with rain, driz, mist. Fog pm					
Tue	24	1022.4	16.0	14.5	15.3	14.9	14.4	15.1	220	13	12.8	25	TR	0.1	Cldy with drz & fog early. Slowly clrng. Cldy pm, isol drz					
Wed	25	1022.2	15.3	13.9	14.6	11.6	14.6	15.0	240	08	8.4	21	0.3	NIL	Fair bec cldy with drz & fog patches. Fog lifted late pm					
Thu	26	1025.1	17.3	11.1	14.2	13.1	14.7	15.0	110	03	3.7	12	TR	6.2	Cloudy with mist / fog patches bec mainly fair. Misty later					
Fri	27	1033.1	14.5	9.6	12.1	6.4	14.7	15.0	040	09	4.6	17	TR	4.2	Cldy with rain mid am, bec fair then fine pm & eve					
Sat	28	1032.4	13.3	8.5	10.9	1.9	13.8	15.0	300	11	11.1	27	TR	2.8	Fair bec cloudy with gd vis, driz eve					
Sun	29	1024.4	15.7	11.7	13.7	11.9	13.9	14.9	290	14	11.8	25	TR	1.5	Cldy with rain/drizzle am, lt shower early eve, bec fair					
Mon	30	1031.1	12.4	7.5	10.0	3.1	13.5	14.8	040	06	4.5	12	NIL	5.7	Fair or fine					
Tue	31	1028.8	13.0	7.7	10.4	2.6	12.8	14.7	190	06	4.6	15	NIL	1.1	Low cloud slowly clearing, high cloud persisting. Good vis					
MEAN		1021.2	15.8	11.6	13.7	9.4	14.8	15.5	W	11.3	11.0	TOTAL	55.5	110.7						
30 YEAR AVE. 1981-2010		1014.8	15.1	10.8	13.0	8.1	13.6	14.6	W	12.4	12.4	////	95.0	117.1						
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE						
		16	12	0	1	0	0	0	0	10	0	1	6							
RECORDS FROM JANUARY 1947															RAINFALL		675.9 mm	SUNSHINE		1770.1 hrs
WETTEST DAY	59.1mm	DRIEST MONTH		3.4mm	LOWEST MIN		3.5°C	WARMEST MNTH		15.2	SUNNIEST MNTH		176.4hrs	RAIN DAYS		131	SUNLESS DAYS		40	
DAY/YEAR	12th/2014	YEAR		1978	DAY/YEAR		28th/2003	YEAR		2001/06	YEAR		1971	WET DAYS		91				
WETTEST MNTH	233.9mm	HIGHEST MAX		23.6°C	LOWEST GRASS		-4.0°C	COLDEST MNTH		9.6°C	DULLEST MNTH		72.6hrs							
YEAR	1960	DAY/YEAR		1st/2011	DAY/YEAR		30th/1983	YEAR		1974	YEAR		1968							

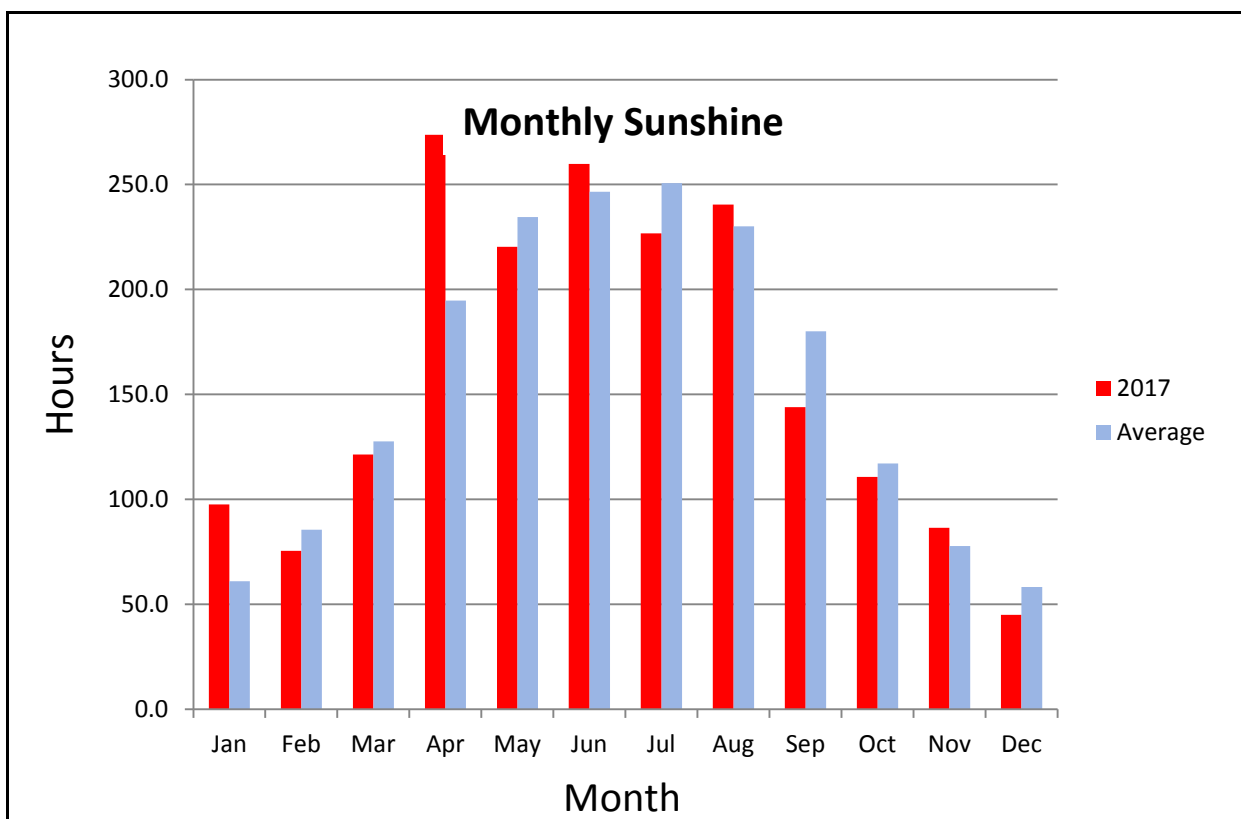
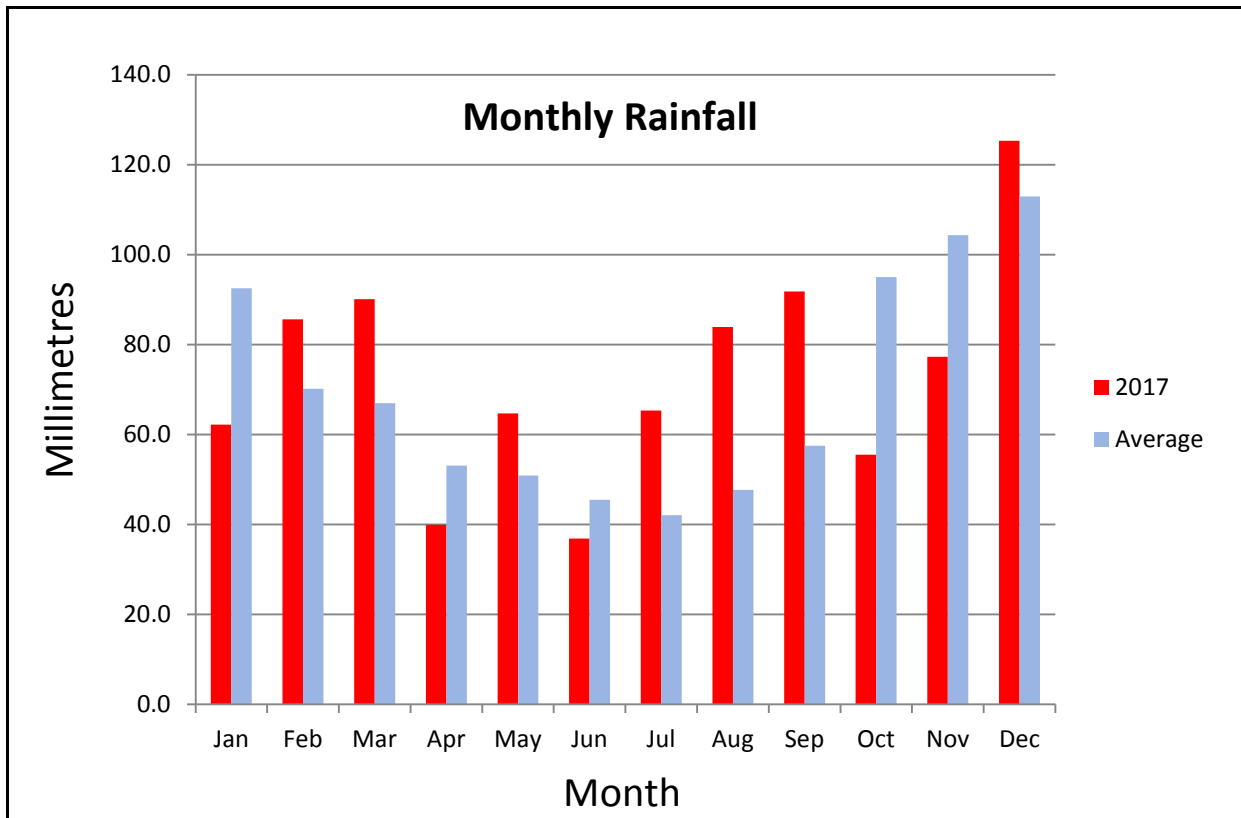
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - NOVEMBER 2017

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER					
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)									
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm		hrs				
Wed	1	1019.3	13.6	9.3	11.5	6.1	12.8	14.7	140	16	10.0	22	NIL	4.1	Fine with persistant high cloud				
Thu	2	1016.7	13.7	9.8	11.8	4.1	12.7	14.5	330	03	2.9	08	NIL	0.4	Cloudy becoming fair in the evening				
Fri	3	1013.9	15.3	9.8	12.6	5.4	12.8	14.3	080	08	7.8	20	6.6	3.5	Fog early clrng mid am, fine/fair with high cloud. Rain late pm				
Sat	4	1005.8	13.7	8.2	11.0	12.5	13.4	14.2	290	15	12.1	31	4.3	0.2	Cldy with rain at first, squally rain/hail showers from evening				
Sun	5	1016.4	11.2	6.9	9.1	3.9	12.2	14.2	300	15	14.2	37	0.2	6.0	Fair with rain/hail shwrs, less frqnt pm. Good vis				
Mon	6	1027.4	13.0	8.0	10.5	1.6	11.6	14.1	360	02	4.5	16	TR	8.0	Fair with occ showers am, bec cloudy eve				
Tue	7	1018.6	12.3	8.6	10.5	6.1	11.9	13.9	200	17	13.4	28	14.5	0.2	Occ rain bec persistent early pm, hvy late pm then shwrs				
Wed	8	1023.7	10.4	7.3	8.9	4.3	11.4	13.8	350	10	8.3	25	0.9	8.3	Isol hail shwrs at first, fair with xlnt vis. Occn dry air				
Thu	9	1026.3	14.0	7.5	10.8	1.5	10.9	13.6	250	07	7.9	21	1.6	1.0	Cldy with rain & drizzle am, mostly clrng pm, remaining cldy				
Fri	10	1024.1	14.0	11.1	12.6	8.1	11.6	13.5	290	19	15.7	34	2.6	3.6	Cldy with occn light rain am, fair pm, cldy eve				
Sat	11	1015.3	13.7	11.9	12.8	9.2	11.9	13.4	270	25	22.6	38	5.3	NIL	Cloudy with rain and drizzle				
Sun	12	1013.6	13.2	7.4	10.3	8.6	12.3	13.3	330	16	17.0	41	0.6	5.0	Cldy am, sunny periods developing bec fair by evening				
Mon	13	1028.0	9.5	6.4	8.0	2.4	11.1	13.3	010	09	5.5	25	NIL	7.5	Fine am becoming cloudy mid pm into eve				
Tue	14	1027.0	12.1	7.3	9.7	1.2	10.8	13.2	250	07	8.3	18	0.2	NIL	Cloudy, patchy rain/drizzle by late afternoon				
Wed	15	1026.4	13.4	10.2	11.8	7.9	11.1	13.1	230	09	5.9	16	TR	1.0	Cloudy with occn light rain am, occn fair late pm				
Thu	16	1024.3	13.4	10.1	11.8	7.3	11.4	13.0	220	06	5.3	12	1.4	1.3	Cloudy with sunny int pm				
Fri	17	1028.8	11.9	7.2	9.6	3.3	11.4	13.0	070	08	5.6	16	NIL	3.6	Light rain early am, cldy bec fair with sunny prds fine eve				
Sat	18	1027.5	11.7	5.8	8.8	-0.9	10.4	12.9	---	00	7.5	22	2.7	3.8	Sunny periods becoming cloudy				
Sun	19	1024.7	12.5	9.3	10.9	8.6	10.9	12.8	040	03	5.8	21	0.2	0.3	Mainly cloudy, rain & drizzle early				
Mon	20	1021.3	13.1	10.8	12.0	8.1	11.3	12.7	240	17	16.0	31	NIL	1.6	Cloudy, occn fair pm				
Tue	21	1015.4	13.8	12.1	13.0	10.8	11.6	12.7	240	16	14.7	25	NIL	NIL	Cloudy				
Wed	22	1003.3	15.7	12.1	13.9	9.7	11.7	12.7	170	18	19.8	48	2.1	7.4	Fine becoming cldy by evening then rain from late evening				
Thu	23	1001.5	15.9	8.4	12.2	8.2	12.0	12.7	260	21	16.1	44	9.1	3.9	Rain & shwrs early, clrng to fair. Cldy late pm, rain early eve				
Fri	24	1011.4	10.5	6.9	8.7	4.6	11.3	12.7	330	05	4.7	20	4.3	2.9	Some fair ints, otherwise cldy with scattered showers				
Sat	25	1019.4	8.5	5.2	6.9	3.5	10.7	12.7	310	14	13.0	30	0.9	4.8	Fair with occn light rain/hail shwrs. Dry air & xlnt vis at times				
Sun	26	1028.8	9.5	5.4	7.5	2.4	9.7	12.6	310	09	11.9	27	1.4	0.4	Cloudy with rain/hail showers. Good vis & occn dry air am				
Mon	27	1021.7	11.6	8.9	10.3	5.4	9.9	12.4	250	25	21.1	44	13.5	NIL	Rain, hvy at times particularly mid aft and in the evening				
Tue	28	1011.8	9.3	5.4	7.4	4.1	9.9	12.2	320	13	10.5	25	2.6	5.0	Shwrs early am, sunny prds with occ showers pm into eve.				
Wed	29	1012.5	7.5	4.1	5.8	2.2	9.3	12.1	350	09	8.8	24	0.1	2.0	Some fair periods, isolated rain/hail showers.				
Thu	30	1015.3	7.6	3.0	5.3	2.5	8.9	12.0	330	07	10.4	30	2.2	0.7	Fair intervals. Scattered mainly light rain and hail showers.				
MEAN		1019.0	12.2	8.1	10.2	5.4	11.3	13.2	NW	11.6	10.9	TOTAL	77.3	86.5					
30 YEAR AVE. 1981-2010		1015.3	11.8	8.1	9.9	5.3	10.5	12.1	SW	12.8	13.0	////	104.3	77.8					
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE					
		21	15	0	7	0	1	0	1	1	0	0	4						
RECORDS FROM JANUARY 1947														RAINFALL		753.2 mm	SUNSHINE		1856.6 hrs
WETTEST DAY	39.4mm	DRIEST MONTH		16.1mm	LOWEST MIN		-0.8°C	WARMEST MNTH		12.2°C	SUNNIEST MNTH		123.6hrs	RAIN DAYS	152	SUNLESS DAYS		44	
DAY/YEAR	15th/1975	YEAR		1978	DAY/YEAR		28th/2010	YEAR		2015	YEAR		2006	WET DAYS	106				
WETTEST MNTH	234.7mm	HIGHEST MAX		18.0°C	LOWEST GRASS		-5.6°C	COLDEST MNTH		7.7°C	DULLEST MNTH		35.9hrs						
YEAR	2009	DAY/YEAR		1st 2015	DAY/YEAR		29th/1987	YEAR		1993	YEAR		1994						

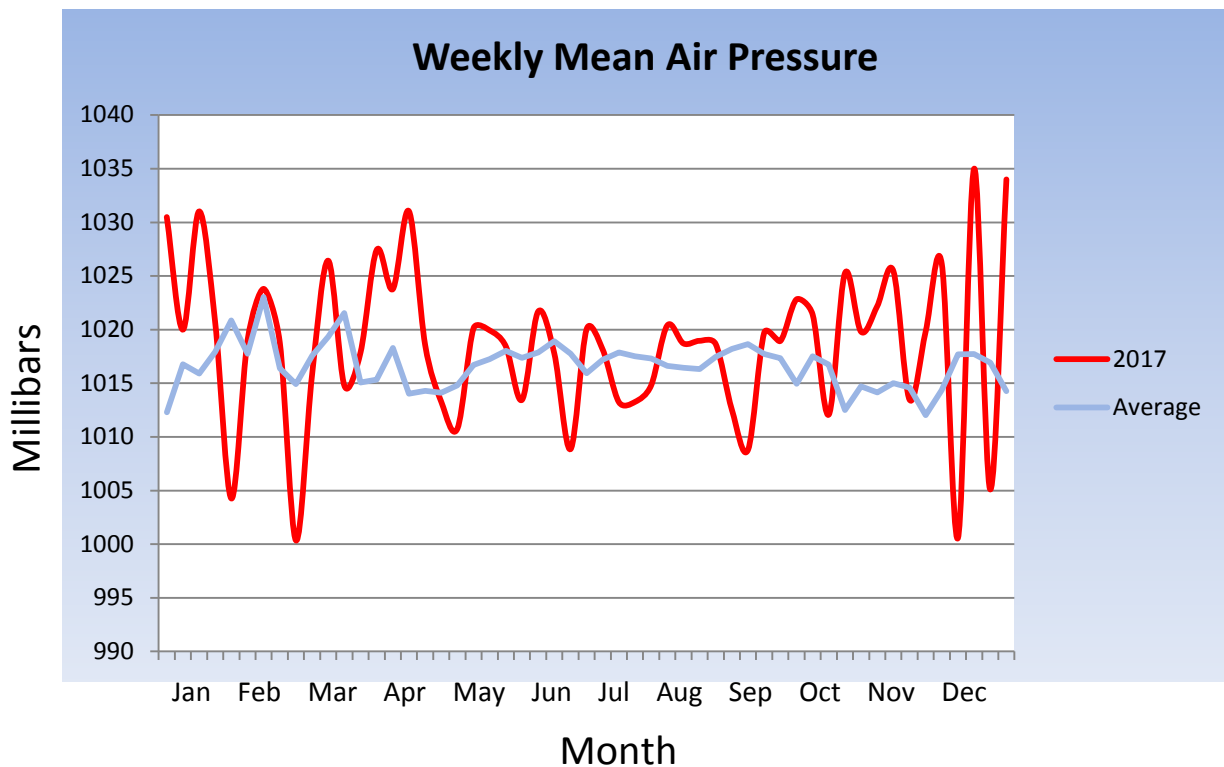
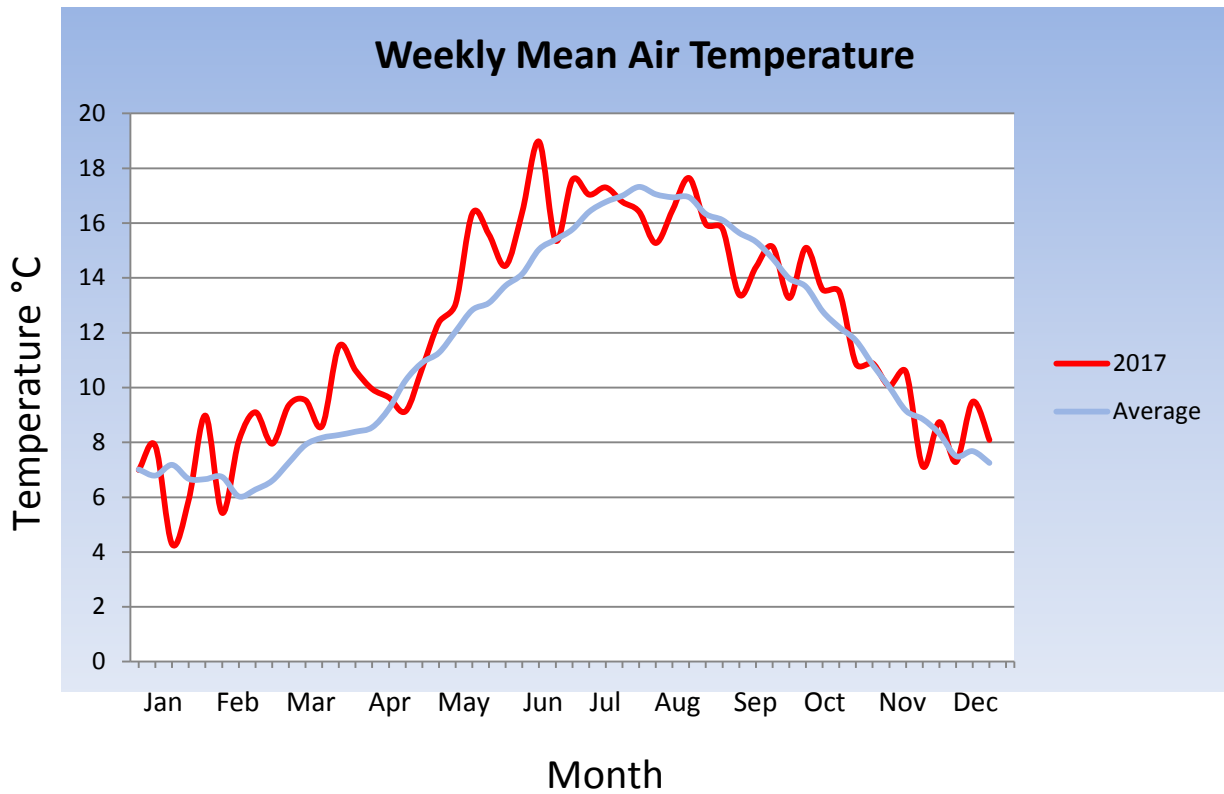
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - DECEMBER 2017

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs			
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
Fri	1	1020.7	<u>6.6</u>	4.1	<u>5.4</u>	1.7	8.1	<u>11.8</u>	010	15	14.0	30	TR	2.5	Isol It showers of snow pellets at first, Fair to cloudy.		
Sat	2	1028.6	8.0	5.5	6.8	2.9	8.0	11.6	010	06	5.6	18	1.0	NIL	Cloudy, good vis. Light rain & drizzle in the evening		
Sun	3	1028.5	10.9	7.3	9.1	4.1	8.4	11.4	330	06	6.5	17	0.3	0.4	Cldy with rain am clrng. Rain from noon & pm, clrng eve		
Mon	4	1035.3	11.9	8.2	10.1	4.5	8.9	11.2	340	05	4.4	15	1.1	4.1	Cloudy with occ showers pm		
Tue	5	1038.1	10.4	8.4	9.4	5.8	9.1	11.2	---	<u>00</u>	<u>3.6</u>	15	TR	NIL	Cloudy with excellent visibilty. A little light rain pm.		
Wed	6	1031.8	10.1	8.7	9.4	7.2	9.3	11.2	200	15	14.6	33	3.8	NIL	Cloudy. Outbreaks rain late evening.		
Thu	7	1011.4	12.6	8.1	10.4	7.7	9.5	11.1	220	20	18.4	37	2.5	0.4	Rain & drizzle am, occn hvy with mist, clrng pm, fair by eve		
Fri	8	1020.7	9.0	5.0	7.0	2.2	9.0	11.1	310	24	19.1	39	TR	3.7	Fair with rain & hail shwrs am, isol wintry showers pm		
Sat	9	1021.1	<u>6.9</u>	4.6	5.8	1.1	7.9	11.0	310	06	10.3	30	<u>22.8</u>	0.2	Rain/hail showers early am bec cloudy + rain mid pm		
Sun	10	983.8	12.5	6.0	9.3	4.6	8.2	10.9	270	<u>37</u>	21.1	<u>61</u>	16.5	0.8	Persis rain am turning shwrs and strong winds		
Mon	11	<u>975.8</u>	8.0	4.4	6.2	1.7	8.1	10.7	360	20	14.8	44	1.6	NIL	Rain, heavy at times clearing by mid pm		
Tue	12	1010.3	9.0	<u>3.2</u>	6.1	-0.7	<u>7.3</u>	10.6	310	04	9.2	30	1.2	2.7	Showers early am & pm. Fair bec cloudy late am		
Wed	13	1004.6	10.8	5.8	8.3	5.8	7.9	10.4	250	19	22.6	55	6.9	0.1	Showers turning to rain occ heavy eve with gale		
Thu	14	999.0	8.2	4.8	6.5	3.9	7.9	10.3	260	22	22.6	52	3.6	0.1	Frequent squally rain/hail showers		
Fri	15	998.4	8.8	6.2	7.5	3.0	7.7	10.3	320	20	14.5	43	TR	3.6	Frequent rain & hail shwrs am, bec fair mid am, fine late pm		
Sat	16	1020.1	8.6	5.4	7.0	1.8	7.4	10.1	330	11	9.8	26	1.4	5.5	Isolated shwrs, fair bec cloudy pm		
Sun	17	1027.0	11.3	7.5	9.4	4.4	7.6	10.0	260	05	11.6	31	2.0	0.4	Cloudy with rain or showers through the day		
Mon	18	1028.0	11.4	5.9	8.7	3.9	8.5	10.0	040	08	6.0	26	NIL	<u>7.3</u>	Fog and Drizzle early clearing to become fine sunny day		
Tue	19	1037.2	9.8	4.7	7.3	<u>-1.3</u>	7.6	10.0	230	05	6.2	13	TR	2.1	Fair to cloudy		
Wed	20	1037.3	11.6	8.6	10.1	5.9	7.8	10.0	300	06	7.2	16	0.6	NIL	Cloudy with drizzle, mist & fog patches		
Thu	21	<u>1039.3</u>	10.8	9.8	10.3	8.9	8.7	<u>9.9</u>	270	10	10.1	20	3.4	NIL	Cloudy throughout with drizzle & fog am, clrng pm		
Fri	22	1036.9	11.4	10.0	10.7	7.0	9.1	<u>9.9</u>	240	12	7.7	19	3.5	NIL	Rain / dzl, mist from mid am then fog, patchy at times pm		
Sat	23	1037.3	10.7	8.9	9.8	7.0	9.4	10.0	260	08	8.2	18	1.3	0.1	Fog early, patchy drizzle am, more persistent pm/eve		
Sun	24	1029.7	10.3	8.9	9.6	8.7	<u>9.6</u>	10.1	230	12	13.5	26	0.8	NIL	Cloudy, drizzle and mist at times.		
Mon	25	1013.8	11.9	6.5	9.2	8.3	9.5	10.1	190	15	18.5	48	3.6	0.8	Cloudy wth haze pm. Rain from eve		
Tue	26	1003.2	9.1	5.9	7.5	3.8	9.3	10.3	260	12	19.0	41	13.8	0.6	Isol It shwrs, cldy with rain pm. Fair ints & shwrs late eve		
Wed	27	990.9	8.2	4.0	6.1	3.3	8.6	10.3	320	22	18.9	48	TR	6.1	Iso rain/hail shwrs early am, bec fair, sunny periods		
Thu	28	1005.0	7.4	3.7	5.6	1.9	7.7	10.2	330	07	8.8	25	3.0	2.5	Isolated shower am , showers pm. Rain eve. Good viz am		
Fri	29	998.8	11.2	6.2	8.7	0.1	7.6	10.1	240	20	20.0	55	11.3	0.7	Rain then squally showers. Thunderstorm at 0930		
Sat	30	1002.5	<u>12.8</u>	<u>10.1</u>	<u>11.5</u>	7.4	8.5	<u>9.9</u>	250	27	<u>24.3</u>	46	6.8	NIL	Rain and drizzle. Fog patches pm		
Sun	31	1000.2	11.4	6.0	8.7	<u>10.2</u>	9.5	<u>9.9</u>	220	20	23.0	52	12.5	0.3	Rain occ hvy, clearing to fair ints & squally shwrs pm		
MEAN		1016.6	10.1	6.5	8.3	4.4	8.4	10.5	NW	13.5	13.4	TOTAL	125.3	45.0			
30 YEAR AVE. 1981-2010		1016.4	9.5	6.0	7.7	3.4	8.0	9.6	SW	13.5	13.7	/////	112.9	58.2			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		24	21	0	11	1	1	0	2	8	1	4	9				
RECORDS FROM JANUARY 1947														RAINFALL	878.5 mm	SUNSHINE	1901.6 hrs
WETTEST DAY DAY/YEAR	42.9 4th/2010	DRIEST MONTH YEAR	28.1mm 1953	LOWEST MIN DAY/YEAR	-3.8°C 24th/1963	WARMEST MNTH YEAR	11.6°C 2015	SUNNIEST MNTH YEAR	108.9hrs 2001	RAIN DAYS	176	SUNLESS DAYS	53	WET DAYS	127		
WETTEST MNTH YEAR	249.6mm 1999	HIGHEST MAX DAY/YEAR	15.6°C 6th/1953	LOWEST GRASS	-8.9°C 29th/1964,27th/1995	COLDEST MNTH YEAR	4.4°C 2010	DULLEST MNTH YEAR	26.6hrs 1966								

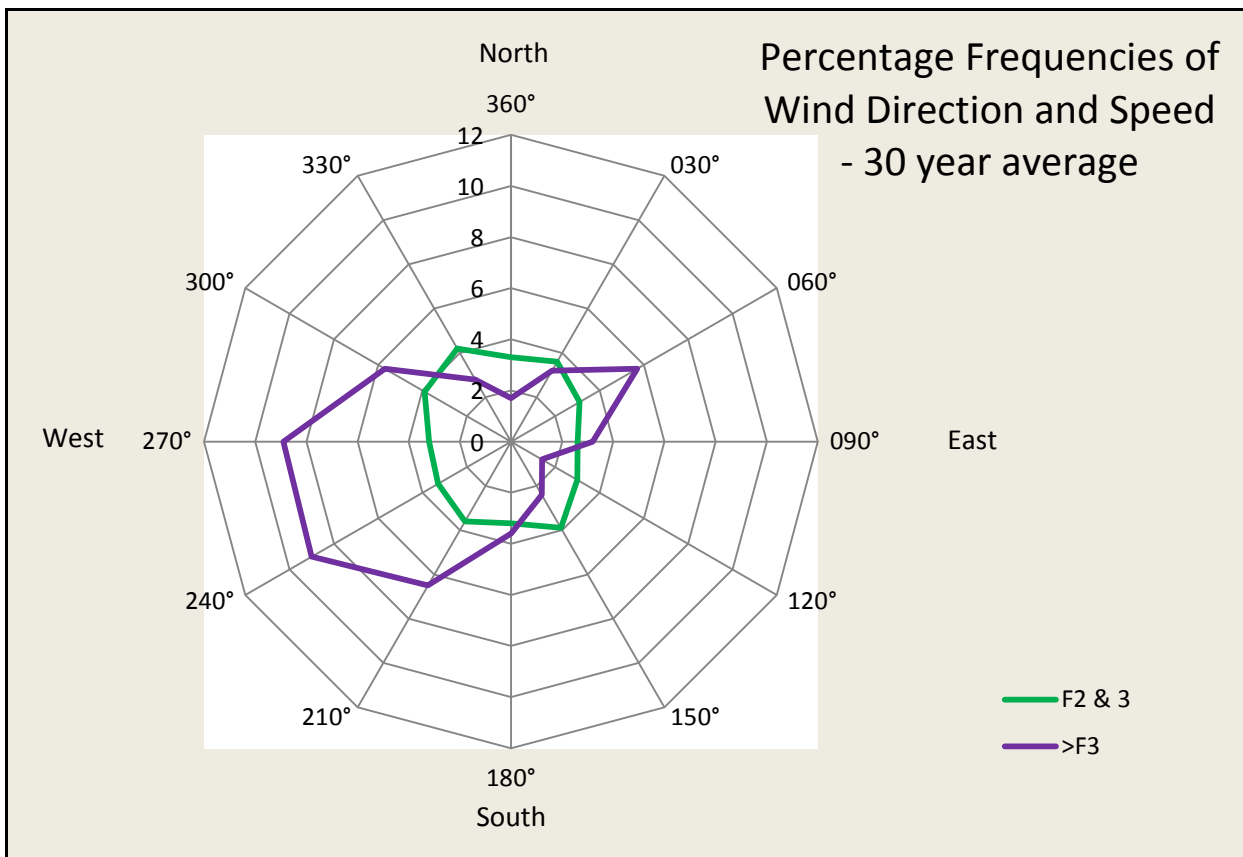
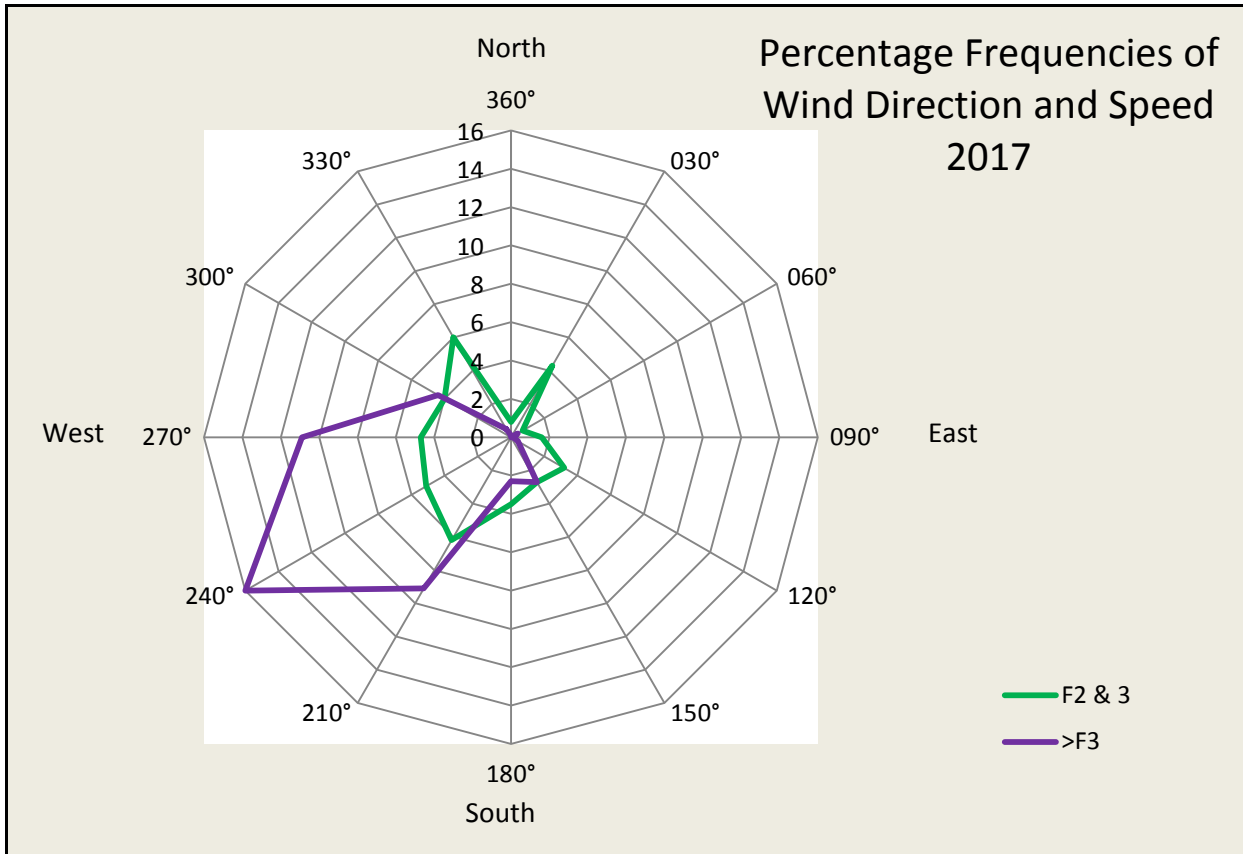
Guernsey Met Office



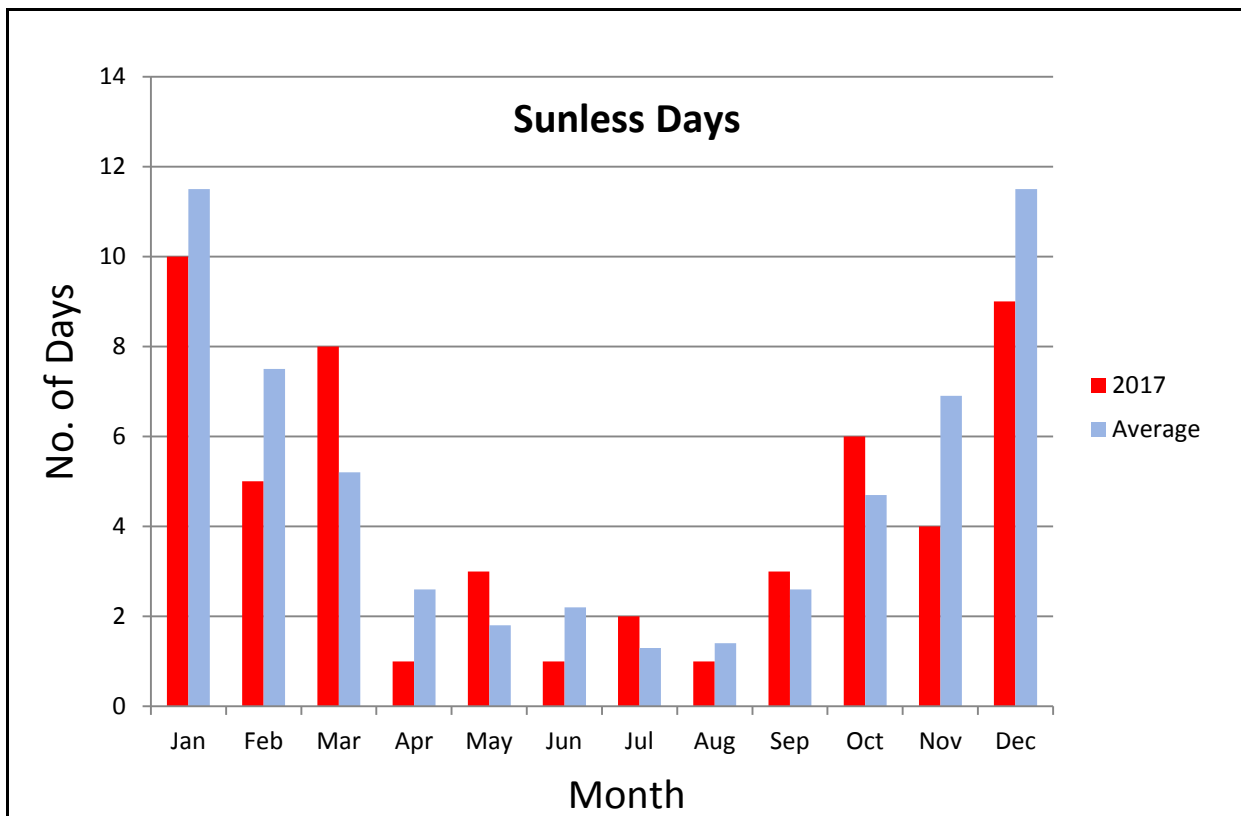
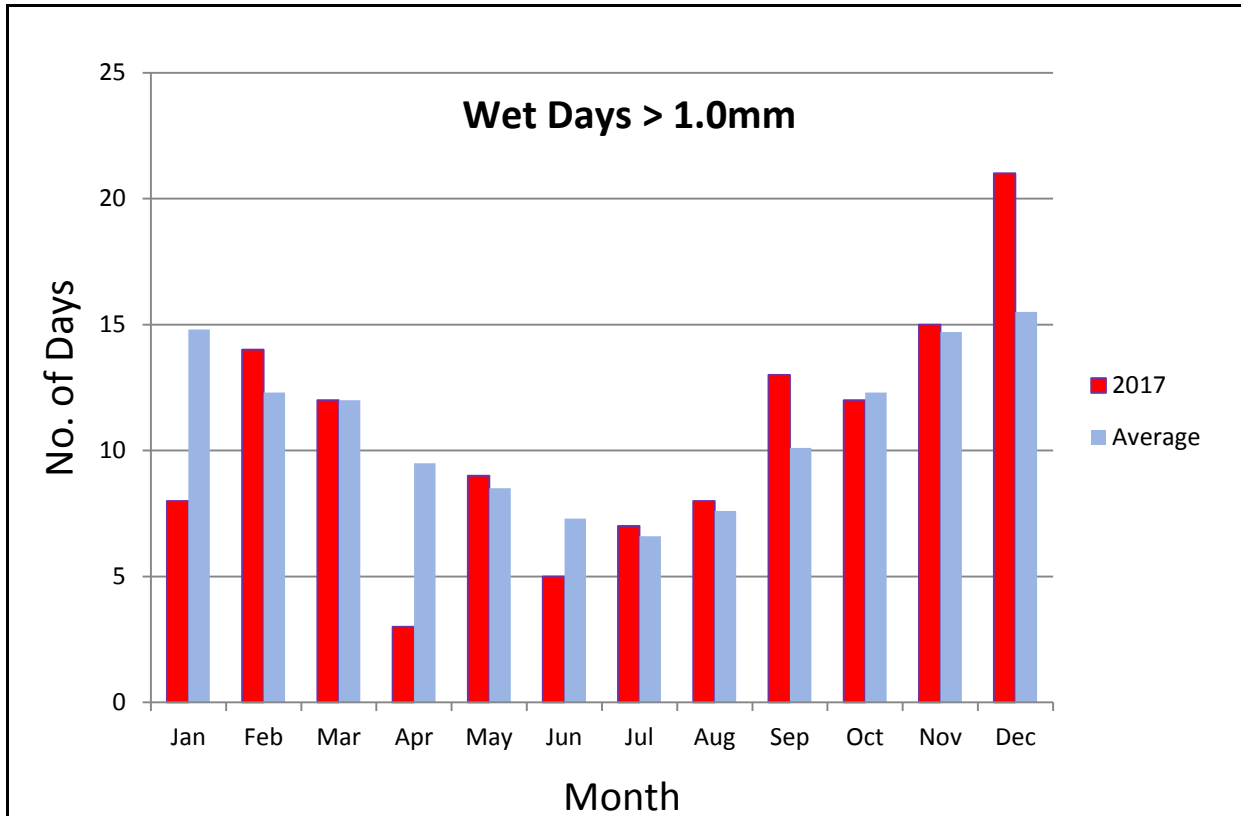
Guernsey Met Office



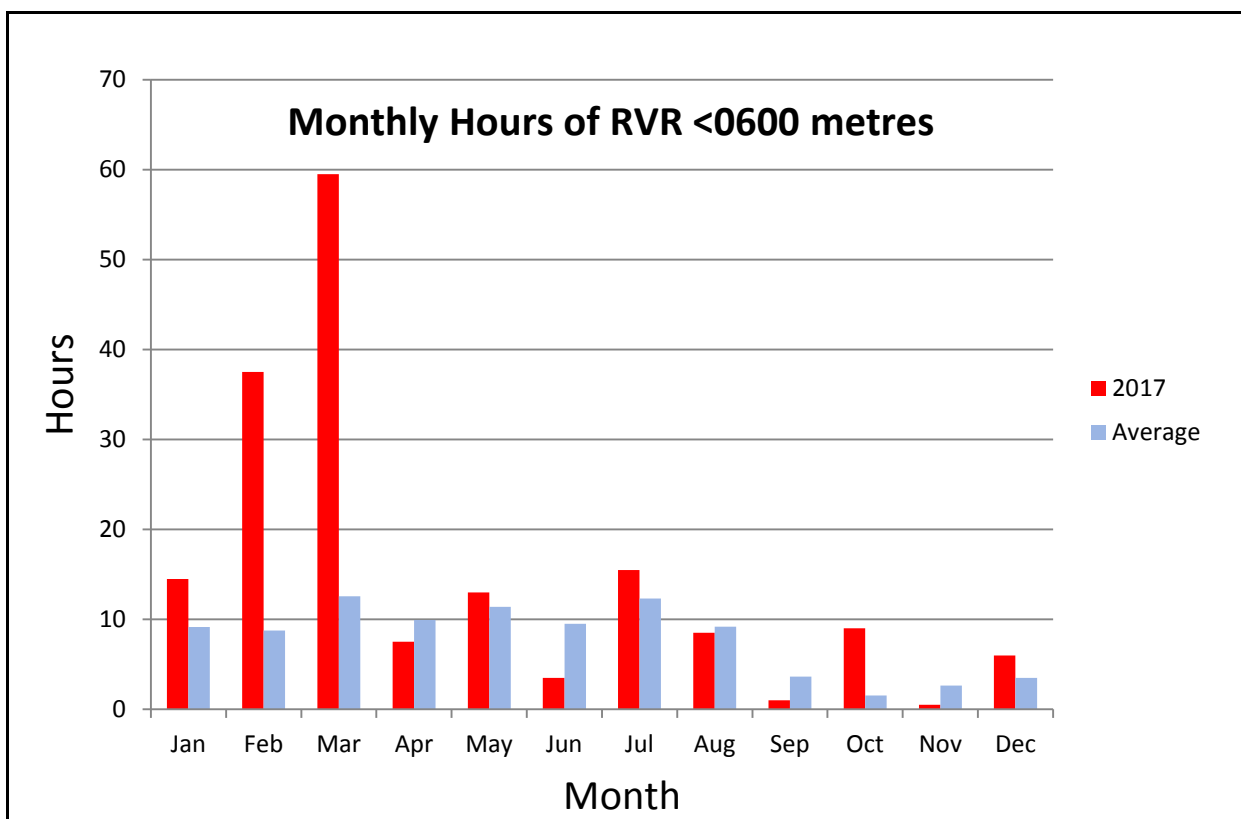
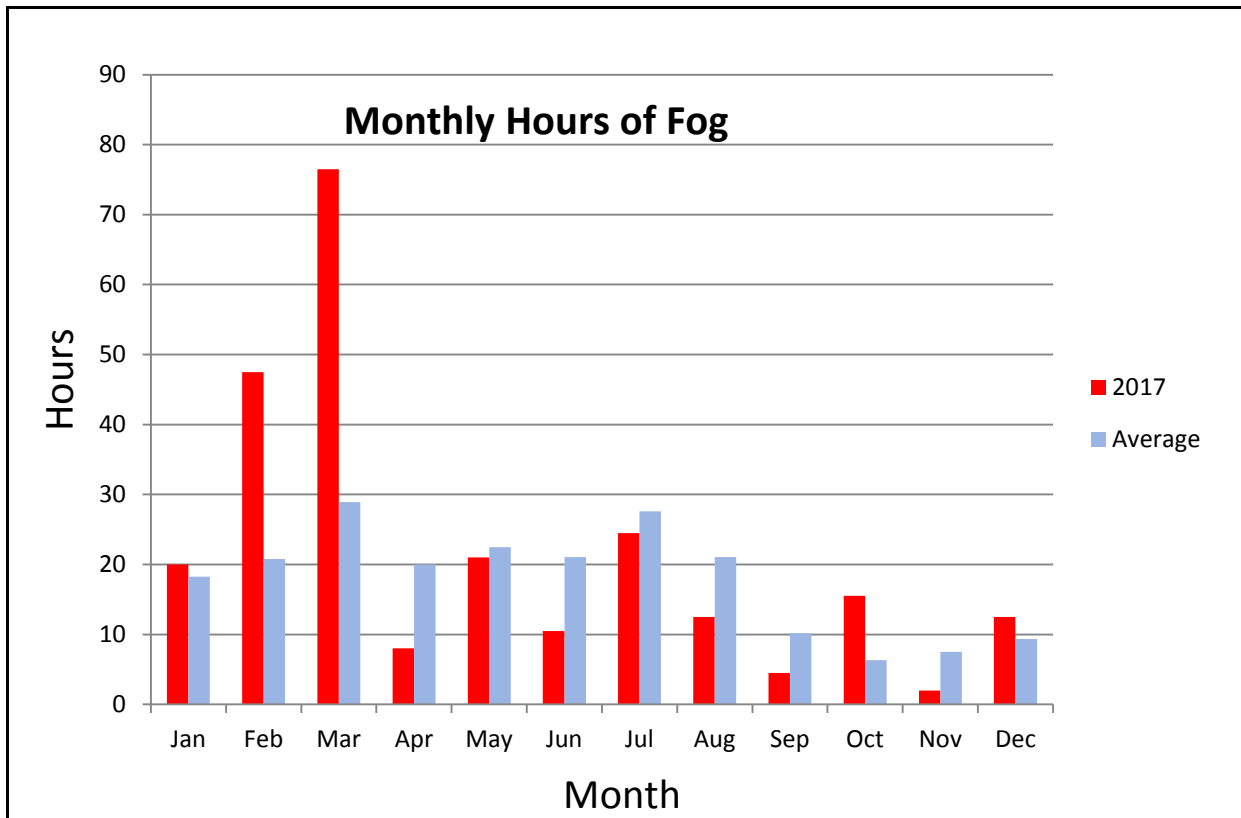
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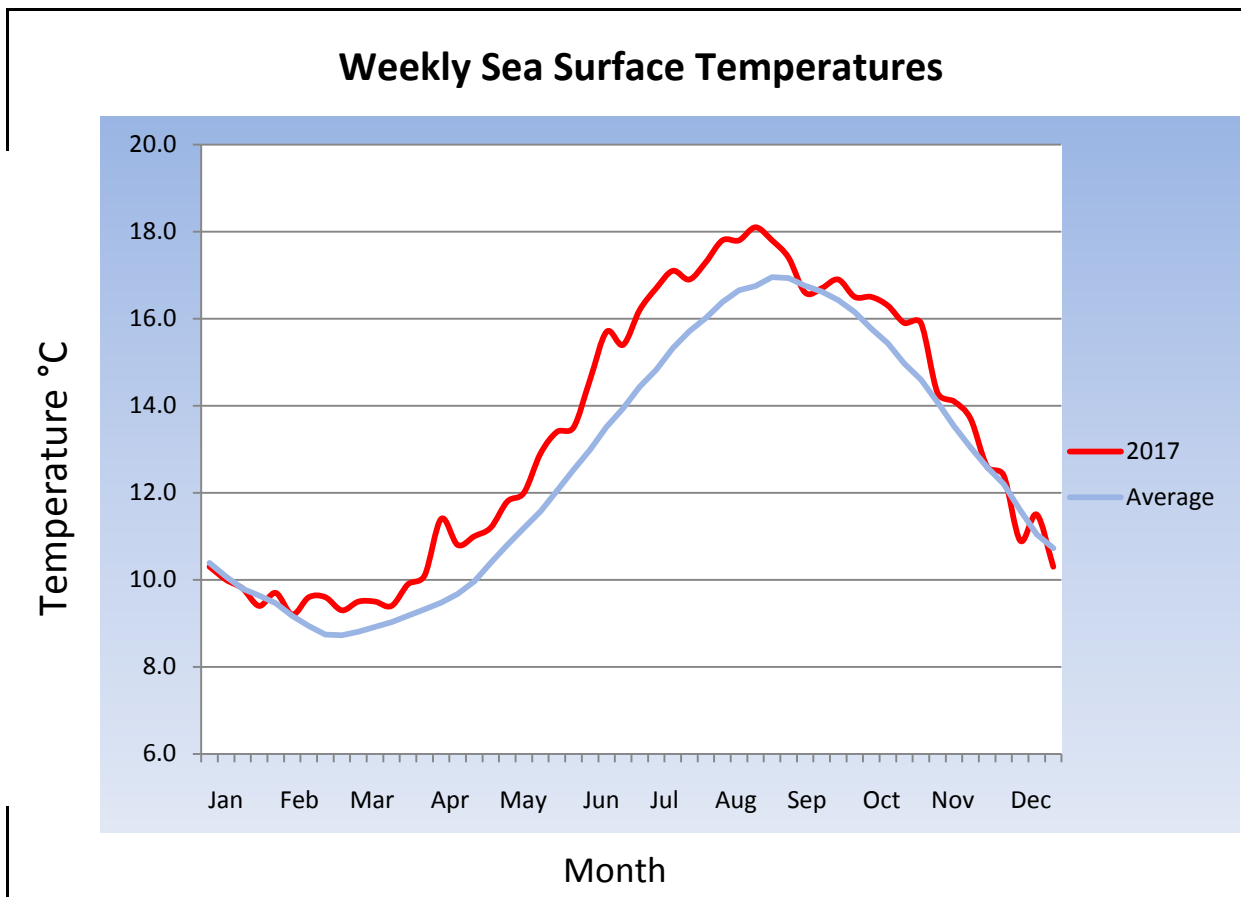
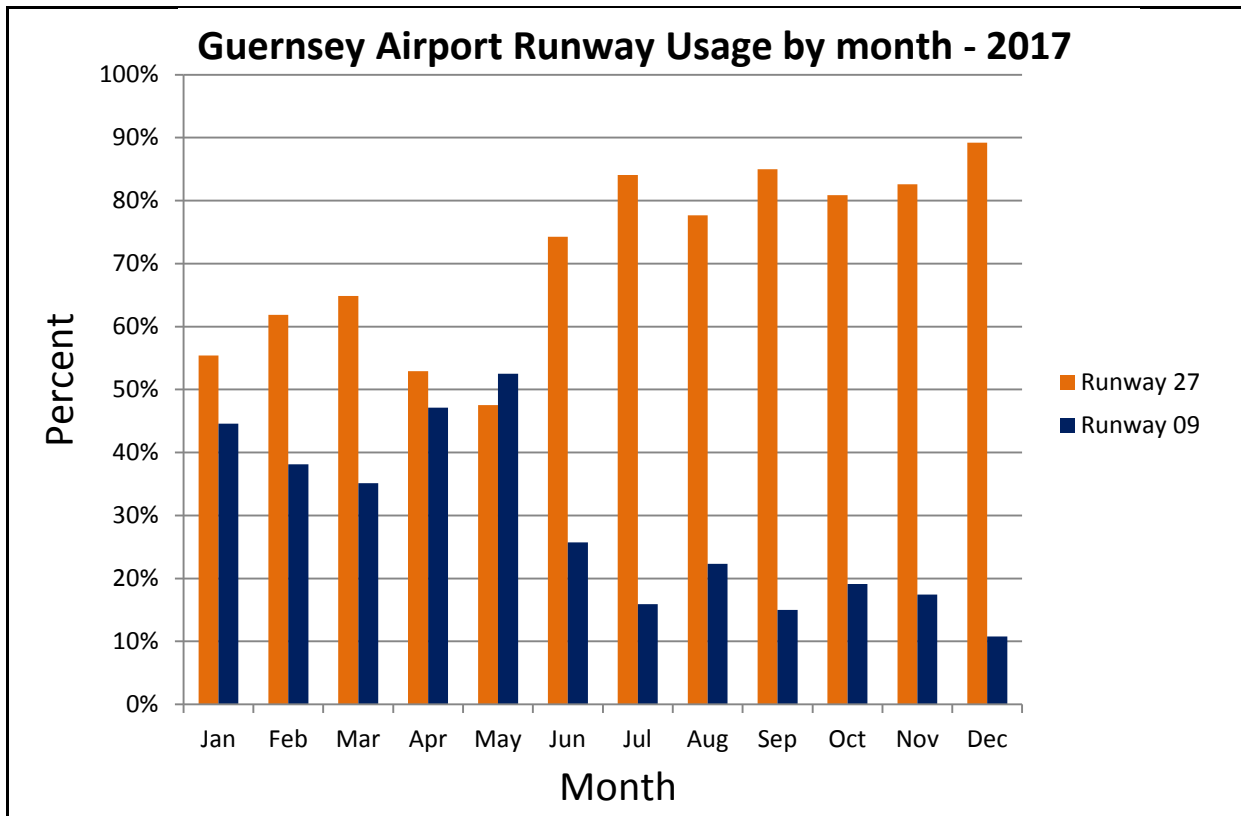
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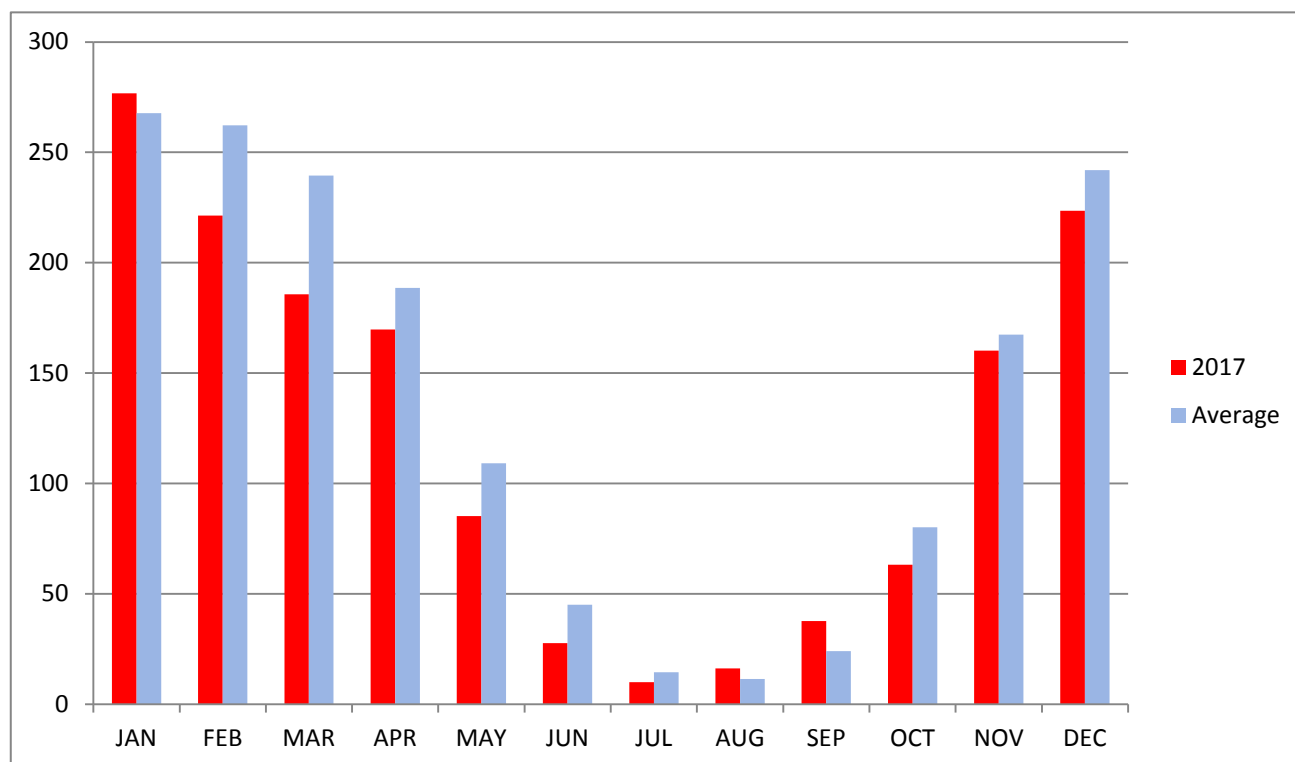
Degree Days

Monthly accumulated Degree Days below 15.5°C

(Average figures use data from 1981 - 2010)

	2017	Average
JAN	276.8	267.7
FEB	221.3	262.3
MAR	185.7	239.5
APR	169.7	188.6
MAY	85.3	109.1
JUN	27.7	45.1
JUL	10	14.5
AUG	16.2	11.4
SEP	37.7	24.0
OCT	63.2	80.2
NOV	160.2	167.5
DEC	223.5	242.0
YEAR	1477.3	1651.9

Accumulated Degree Days



Guernsey Met Office

2018 SUMMER WEEKEND TIDES - ST. PETER PORT

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

Day	Month	High Water				Low Water			
		Time	Height (m)	Time	Height (m)	Time	Height (m)	Time	Height (m)
Sat 05	May	10:26	7.9	22:38	7.8	04:29	2.4	16:38	2.8
Sun 06	May	11:01	7.4	23:15	7.3	05:00	2.9	17:10	3.4
Sat 12	May	04:58	7.7	17:26	8.0	11:21	2.5	23:45	2.4
Sun 13	May	05:47	8.3	18:12	8.5	12:09	1.9		
Sat 19	May	10:09	9.0	22:26	8.9	04:08	1.2	16:27	1.6
Sun 20	May	10:58	8.5	23:15	8.4	04:54	1.7	17:15	2.2
Sat 26	May	04:59	8.1	17:30	8.3	11:30	2.2	23:52	2.2
Sun 27	May	05:50	8.4	18:15	8.6	12:17	1.9		
Sat 02	June	09:35	8.3	21:47	8.3	03:37	2.0	15:48	2.4
Sun 03	June	10:08	7.9	22:19	8.0	04:08	2.4	16:18	2.8
Sat 09	June	02:59	7.2	15:40	7.4	09:34	3.1	22:04	3.2
Sun 10	June	04:07	7.6	16:40	7.8	10:36	2.7	23:03	2.6
Sat 16	June	09:16	9.4	21:32	9.5	03:16	0.9	15:36	1.1
Sun 17	June	10:03	9.2	22:19	9.2	04:03	1.0	16:22	1.4
Sat 23	June	03:22	7.5	16:03	7.6	09:58	2.9	22:26	3.0
Sun 24	June	04:26	7.6	16:59	7.8	10:57	2.7	23:22	2.7
Sat 30	June	08:45	8.4	20:58	8.6	02:46	1.9	15:00	2.1
Sun 01	July	09:19	8.3	21:30	8.5	03:19	2.0	15:31	2.3
Sat 07	July	00:57	7.3	13:34	7.2	07:29	3.3	19:57	3.5
Sun 08	July	02:04	7.3	14:46	7.3	08:40	3.2	21:14	3.3
Sat 14	July	08:18	9.4	20:36	9.8	02:18	0.9	14:40	0.9
Sun 15	July	09:07	9.5	21:23	9.8	03:08	0.7	15:28	0.9
Sat 21	July	01:25	7.5	14:08	7.2	08:02	3.1	20:30	3.4
Sun 22	July	02:35	7.1	15:20	7.1	09:11	3.4	21:44	3.5
Sat 28	July	07:51	8.4	20:06	8.7	01:52	2.0	14:09	2.1
Sun 29	July	08:27	8.5	20:41	8.8	02:28	1.9	14:43	2.0
Sat 04	August	11:56	7.6			05:51	2.8	18:10	3.1
Sun 05	August	00:19	7.6	12:51	7.4	06:43	3.1	19:10	3.3
Sat 11	August	07:16	9.2	19:35	9.6	01:15	1.3	13:39	1.2
Sun 12	August	08:06	9.6	20:23	10.0	02:07	0.8	14:29	0.8
Sat 18	August	12:17	7.6			06:21	2.7	18:39	3.1
Sun 19	August	00:35	7.3	13:10	7.1	07:09	3.4	19:36	3.7
Sat 25	August	06:52	8.2	19:08	8.6	00:53	2.4	13:12	2.3
Sun 26	August	07:30	8.5	19:45	8.9	01:31	2.0	13:49	2.0
Sat 01	September	10:45	8.2	23:03	8.2	04:45	2.3	17:00	2.5
Sun 02	September	11:25	7.9	23:50	7.7	05:22	2.7	17:41	2.9
Sat 08	September	06:12	8.7	18:32	9.2	00:10	1.9	12:34	1.7
Sun 09	September	07:03	9.3	19:20	9.7	01:03	1.2	13:25	1.1
Sat 15	September	10:57	8.4	23:10	8.1	05:04	2.1	17:19	2.4
Sun 16	September	11:31	7.7	23:47	7.3	05:36	2.9	17:55	3.2
Sat 22	September	05:47	7.7	18:04	8.1	12:07	2.9		
Sun 23	September	06:26	8.2	18:43	8.6	00:27	2.5	12:46	2.4
Sat 29	September	09:48	8.9	22:06	8.8	03:51	1.7	16:06	1.9
Sun 30	September	10:22	8.5	22:43	8.3	04:23	2.1	16:41	2.3

Astronomical events in 2018

as seen from Guernsey

compiled by David Le Conte

This year sees a very favourable opposition of Mars on 27 July and, on the same day, a total lunar eclipse. There will also be a naked-eye comet to look forward to. In January there will be two full moons – both of them ‘supermoons’ – and again in March, with no full moons in February.

PLANETS

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

Date	Elongation	Direction	Time
01 January	23° Western	Low in East	Before sunrise
15 March	18° Eastern	Low in West	After sunset
29 April	27° Western	Low in East	Before sunrise
12 July	26° Eastern	Low in West	After sunset
26 August	18° Western	Low in East	Before sunrise
06 November	23° Eastern	Low in west	After sunset
15 December	21° Western	Low in East	Before sunrise

Venus will be at superior conjunction on 09 January. It will have a close conjunction with Uranus on 28 March, and will be less than 1° from the just-passed-Full Moon on 16 February, very low in the west immediately after sunset. It will become prominent in the evening western sky from April, reaching greatest eastern elongation on 17 August, and remaining visible until September. It will be at inferior conjunction on 26 October, reappearing in November as the “Morning Star” in the eastern pre-dawn sky.

Mars will start the year as a morning object in the east, rising earlier and earlier as the months progress. It will be 1.3° from Saturn and just 0.4° from M22, the Sagittarius Cluster, in the morning of 02 April, low in the southeast.

It will reach opposition in Capricorn on 27 July, when it will rise as the Sun sets and be visible all night. This will be the best opposition for several years. Curiously, the planet will be closest to Earth four days after opposition, on 31 July. With a distance of 58 million km (36 million miles) it will be Mars’s closest approach since 2003, which was itself the best one in 60,000 years. The next one, in October 2020, will be almost, but not quite, as good as this one, and we will have to wait until 2035 for a closer one.

However, with a declination of -25° Mars will remain low in our skies, reaching a maximum altitude of only 15°. Nevertheless, having a diameter of 24 arc-seconds it will certainly be worth observing and photographing. The south polar cap will be tilted towards the Earth, and some surface detail should be evident. It will have a magnitude of almost -3. It will remain an evening object for the remainder of 2018.

At the beginning of the year **Jupiter** will be a morning object, rising around 3.30 am. It will reach opposition on 09 May in Libra with an altitude of 25°, and will then remain an evening object until early November. It will reach conjunction with the Sun on 26 November and will reappear in the pre-dawn sky in mid-December.

During the summer we will have good views of the four Galilean moons, atmospheric bands on the planet's disc, and the Great Red Spot. Transit, shadow and occultation events involving Jupiter's moons can be calculated using a Java script at http://www.skyandtelescope.com/wp-content/observing-tools/jupiter_moons/jupiter.html on the *Sky & Telescope* website. (You may need to register at <http://tinyurl.com/24kp25> and remember to enter the date in the US format: month/day/year). They can also be found in the 2018 BAA Handbook (pages 67-76). They can be simulated on software such as StarryNight (<http://www.starrynightstore.com/>), and some of the many astronomy apps, including the *JupiterMoons* app (\$2.99) by Sky & Telescope, which also gives the transit times of the Great Red Spot. The Spot's transit times are also available at <http://www.skyandtelescope.com/observing/celestial-objects-to-watch/transit-times-of-jupiters-great-red-spot/> (again using the US date format).

Saturn will start the year as a morning object, rising in the east in Sagittarius at 07.00 am, and rising earlier as the months go by. Opposition will be on 27 June, the planet rising as the Sun sets, and visible all night, but with a maximum altitude of only 18°. It will remain visible as an evening object, until early December. The rings are at a good angle for observation, and its brightest moons, especially Titan, should also be visible.

Uranus will be at opposition in Aries on 24 October, at magnitude 5.7. **Neptune** will be at opposition in Aquarius on 07 September, at magnitude 7.8.

PHASES OF THE MOON

New Moon	First Quarter	Full Moon	Last Quarter
		Jan 02	Jan 08
Jan 17	Jan 24	Jan 31	Feb 07
Feb 17	Feb 24	Mar 02	Mar 09
Mar 17	Mar 24	Mar 31	Apr 08
Apr 16	Apr 22	Apr 30	May 08
May 15	May 22	May 29	Jun 06
Jun 13	Jun 20	Jun 28	Jul 06
Jul 13	Jul 19	Jul 27	Aug 04
Aug 11	Aug 18	Aug 26	Sep 03
Sep 09	Sep 16	Sep 25	Oct 02
Oct 09	Oct 16	Oct 24	Oct 31
Nov 07	Nov 15	Nov 23	Nov 30
Dec 07	Dec 15	Dec 22	Dec 29

SUPERMOONS

So-called 'supermoons' occur when the Full Moon happens to coincide with the Moon's closest approach to Earth ('perigee'), and therefore appear larger than usual. In 2018 there will be two such moons, both in January: on 02 and 31. So-called 'blue' moons have been said to refer to occasions when there are two full moons in a month, so perhaps should these be referred to as blue supermoons!

DWARF PLANETS AND ASTEROIDS

Pluto will reach opposition on 12 July in Sagittarius, at magnitude 14.2. **Ceres** will be at opposition on 31 January in Cancer, with magnitude 6.8. The other three dwarf planets (Eris, Makemake and Haumea) are too faint to be seen in most amateur telescopes.

The brightest asteroid **Vesta** will reach opposition on 19 June, when it will be magnitude 5 in Sagittarius. It will be 1° above the thin crescent Moon at 04.00 UT on 12 January, very low in the East, magnitude 7.

ECLIPSES

On 31 January a total lunar eclipse will be visible from Asia, Australia and part of North America, but not from this part of the world.

On 15 February there will be a partial lunar eclipse, but only in Antarctica and South America.

A partial solar eclipse will be visible from Southern Australia and Antarctica on 13 July.

On 27 July a total lunar eclipse will be visible from all of Europe, including Guernsey, where it will be seen as the Moon rises. The Moon rises at 20.52 BST. At that time the Moon will already be 20 minutes into the total phase of the eclipse. Maximum eclipse, however, occurs some 30 minutes later, at 21.21 BST. Totality ends at 22.13, and the Moon will leave the umbra at 23.19, finally leaving the penumbra at 00.30 BST.

This eclipse is almost a central one, ie the Moon passes close to the centre of the Earth's shadow. We can therefore expect it to be quite a dark one. It takes place in the constellation Capricorn – not a very rich star field. Nonetheless, being low in the south-eastern sky (azimuth 120°) it should be a lovely sight, and could create some interesting imaging possibilities with foreground objects.

A partial solar eclipse occurs on 11 August, but is not visible from Guernsey.

Be sure to take precautions not to look at the Sun directly unless your eyes and/or telescope are properly protected by a specialist solar filter.

OCCULTATIONS

05 January the 1.3-magnitude star Regulus will be occulted by the Moon, low in the west from 08.26 UT. However, the Sun will have risen 20 minutes earlier, making observation of this event doubtful. It will again be occulted on 01 March at 06.12 to 07.00 UT, the Sun rising at 06.53, so there may be a chance of catching the start of this event.

There will be a lunar occultation of the first-magnitude star Aldebaran on 23 February, but again this will take place during daylight, at 16.33 UT, the Sun setting at 17.43. There will be a better, night-time occultation of Aldebaran at 23.45 UT on 22 March, very low (3°), at 290° azimuth. It will end at 00.14, just after the Moon sets.

LUNAR CONJUNCTIONS

The best conjunctions of the Moon and the bright planets, with their positions and separations are:

16 February	Venus	Very low in west after sunset	0.8°
01 June	Saturn	Early morning in southwest	0.5°
28 June	Saturn	Morning in west	1.0°
25 July	Saturn	Morning in southwest	2.6°
18 October	Mars	Evening in west	2.7°
11 November	Saturn	Low in southwest in evening	0.7°

PLANETARY CONJUNCTIONS

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

07 January	Mars and Jupiter	Morning in the east	0.3°
13 January	Mercury and Saturn	Morning in the east	0.6°
28 March	Venus and Uranus	Evening in the west	0.3°
02 April	Mars and Saturn	Morning in the southeast	1.3°

METEORS

The **Quadrantids** will peak on the night of 03/04 January, but will be badly affected by a waning gibbous Moon. The **Perseids** will peak on the night of 12/13 August, with some 80 per hour. With a New Moon on 11 August conditions are very favourable for this shower. The richest annual shower, the **Geminids**, will peak on the night of 13/14 December. The waxing crescent Moon will set at 10.00 pm, so conditions should be very favourable.

There are, of course, minor meteor showers during the year, and sporadics may be seen at any time. For shower details see the 2018 BAA Handbook, pp98-99.

COMETS

Comet 21P/Giacobini-Zinner, the source of the October Draconid meteor shower, has a period of 6½ years. In 2018 there will be a particularly good apparition, making a close approach in September at a distance of 0.4 AU (58 million km, 36 million miles). It should start to become visible in telescopes in June, high in the evening sky in Cygnus. It will brighten rapidly and move north into Cassiopeia, then moving south and becoming mostly a morning object by September, when it could reach naked-eye magnitude 3½. It will pass close to M37 on 11 September and M35 on 15/16 September, giving some good imaging opportunities. It should be visible until the end of October.

Comet 46P/Wirtanen is predicted to be a binocular object in November, and possibly a naked-eye object in December, when it will be in the evening sky, remaining visible until March 2019. At its closest it will be just 0.078 AU away (11.7 million km, 7.25 million miles).

Comet 2016 R2 PanSTARRS might be 9th magnitude or brighter from the beginning of the year, and then fading. It will be well-placed for observing.

Detailed comet predictions for 2018 are available on the website of the British Astronomical Association's Comet Section: <http://www.ast.cam.ac.uk/~jds/preds18.pdf>. Also check the Heavens-Above website (heavens-above.com) for star charts showing comet positions, and use programs such as StarryNight for detailed location charts.

THE SUN

We are now well past the maximum of the sunspot cycle in 2014, but there can still be outbursts of activity, with displays of the aurora borealis (and australis) at high latitudes. Details of sunspot numbers are at www.ips.gov.au/Solar/1/6, and real-time views of the Sun are at <https://umbra.nascom.nasa.gov/newsite/images.html>. Auroral alerts, with lots of other information, are at www.spaceweather.com.

EQUINOXES AND SOLSTICES

The following are the dates and times of the equinoxes and solstices in 2018:

Vernal Equinox	20 March	16.16 UT
Summer Solstice	21 June	11.08 BST
Autumnal Equinox	23 September	02.55 BST
Winter Solstice	21 December	22.23 UT

SATELLITES

The International Space Station (ISS) is regularly visible from Guernsey, looking like a very bright star crossing our skies from west to east. Also of interest are flashes from the Iridium satellites (which occur virtually every night), and periodic launches of ISS servicing craft. Many other, fainter, satellites appear every night. Details of the times and directions of visibility (together with sky charts and much more) can be obtained from www.heavens-above.com, linked from our webpage www.astronomy.org.gg/iss.htm.

WEA COURSE

The Astronomy Section's annual six-week WEA "Star Gazing" course at the Observatory will be run from 08 February to 15 March. It is usually over-subscribed, so early enrolment is recommended. See www.wea.org.gg, or telephone 237888.

OPEN DAYS

The Observatory will be open to the public again for a number of evenings during the year, including weekly openings on Thursdays during the summer school holidays (19 July to 30 August). Details will appear on our website and will be sent to the local media.

REFERENCES

SkyMap Pro and *Starry Night Pro* software
<https://www.fourmilab.ch/images/3planets/elongation.html>
<http://www.seasky.org/astronomy/astronomy-calendar-2018.html>
<http://www.timeanddate.com/>
http://www.alpo-astronomy.org/jbeish/2018_MARS.htm
<https://www.ast.cam.ac.uk/~jds/preds18.pdf>
<https://www.imo.net/files/meteor-shower/cal2018.pdf>
<https://www.timeanddate.com/>

RAS diary 2018

There is a useful list of Internet resources on pages 114-5 of the 2018 BAA Handbook, which is available at the Guernsey Observatory.

CALENDAR OF ASTRONOMICAL EVENTS IN 2018

Month	Date	Time	Event
January	01	Before sunrise	Mercury at greatest western elongation
January	02	All night	Supermoon
January	03	05.34 UT	Earth at perihelion (147,097,233 km)
January	03/04		Quadrantid meteor shower (unfavourable)
January	05	08.26 UT	Lunar occultation of Regulus
January	07	Morning	Mars and Jupiter conjunction (0.3°)
January	09		Venus at superior conjunction
January	13	Morning	Mercury and Saturn conjunction (0.6°)
January	31	All night	Supermoon
January	31	All night	Ceres at opposition (magnitude 6.8)
February	08	19.30 UT	WEA course starts at Observatory
February	16	After sunset	Venus conjunction with Moon (0.8°)
February	23	16.33 UT	Lunar occultation of Aldebaran
March	01	06.12 UT	Lunar occultation of Regulus
March	15	After sunset	Mercury at greatest eastern elongation
March	15	19.30 UT	WEA course – final class
March	20	16.16 UT	Vernal Equinox
March	22/23	23.45 - 00.14	Lunar occultation of Aldebaran
March	25	01.00 UT	BST starts
March	28	Evening	Venus and Uranus conjunction (0.3°)
April	02	Morning	Mars, Saturn and M22 conjunction
April	29	Before sunrise	Mercury at greatest western elongation
May	09	All night	Jupiter at opposition
June	01	Morning	Saturn conjunction with Moon (0.5°)
June	19	All night	Vesta at opposition (magnitude 5)
June	21	11.08 BST	Summer Solstice
June	27	All night	Saturn at opposition
June	28	Morning	Saturn conjunction with Moon (1°)
July	06	18.46 BST	Earth at aphelion (152,095,566 km)
July	12	After sunset	Mercury at greatest eastern elongation
July	12	All night	Pluto at opposition (magnitude 14.2)
July	19	Evening	Observatory Open Evenings start
July	25	Morning	Saturn conjunction with Moon (2.6°)
July	27	All night	Mars at opposition
July	27	20.52 - 23.19 BST	Total lunar eclipse
August	12/13		Perseid meteor shower (very favourable)
August	17	Evening	Venus at greatest eastern elongation
August	26	Before sunrise	Mercury at greatest western elongation
August	30	Evening	Observatory Open Days end
September		All night	Comet 21p/Giacobini-Zinner
September	07	All night	Neptune at opposition (magnitude 7.8)
September	23	02.55 BST	Autumnal Equinox
October	18	Evening	Mars conjunction with Moon (2.7°)
October	24	All night	Uranus at opposition (magnitude 5.7)
October	26		Venus at inferior conjunction
October	26		Venus at inferior conjunction

October	29	02.00 BST	BST ends
November	06	After sunset	Mercury at greatest eastern elongation
November	11	Evening	Saturn conjunction with Moon (0.7°)
November	26		Jupiter conjunction with the Sun
Nov/Dec		Evening	Comet 46P/Wirtanen
December	13/14		Geminid meteor shower (very favourable)
December	15	Before sunrise	Mercury at greatest western elongation
December	21	22.23 UT	Winter Solstice

Lihou Island - Causeway Opening Times - 2018

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

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

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

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

Guernsey Met Office

2018 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Tue 02 Jan	1.0	12:54	Wed 31 Jan	1.0	12:45
Wed 03 Jan	0.8	13:44	Thu 01 Feb	0.6	13:34
Thu 04 Jan	0.7	14:31	Fri 02 Feb	0.5	14:19
Wed 17 Jan	2.0	13:05	Thu 15 Feb	1.9	12:47
Thu 18 Jan	1.9	13:40	Fri 16 Feb	1.6	13:23
Fri 19 Jan	1.8	14:14	Sat 17 Feb	1.5	13:58

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Fri 02 Mar	0.5	13:18	Sat 31 Mar	0.7	13:56
Sat 03 Mar	0.4	14:00	Sun 01 Apr	0.6	14:36
Sun 04 Mar	0.5	14:39	Mon 02 Apr	0.7	15:12
Sat 17 Mar	1.4	12:59	Mon 16 Apr	1.0	14:07
Sun 18 Mar	1.2	13:35	Tue 17 Apr	0.9	14:44
Mon 19 Mar	1.1	14:09	Wed 18 Apr	1.0	15:20
			Mon 30 Apr	1.0	14:08

All times local

Phases of the Moon - 2018

New Moon	First Quarter	Full Moon	Last Quarter
		2nd Jan	8th Jan
17th Jan	24th Jan	31st Jan	7th Feb
15th Feb	23rd Feb	2nd Mar	9th Mar
17th Mar	24th Mar	31st Mar	8th Apr
16th Apr	22nd Apr	30th Apr	8th May
15th May	22nd May	29th May	6th Jun
13th Jun	20th Jun	28th Jun	6th Jul
13th Jul	19th Jul	27th Jul	4th Aug
11th Aug	18th Aug	26th Aug	3rd Sep
9th Sep	17th Sep	25th Sep	2nd Oct
9th Oct	16th Oct	24th Oct	31st Oct
7th Nov	15th Nov	23rd Nov	30th Nov
7th Dec	15th Dec	22nd Dec	29th Dec

GUERNSEY AIRPORT SUNRISE/SUNSET TIMES

2018 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

18	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				18
DY	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	DY												
1	M	0806	1622	T	0742	1706	T	0653	1753	S	0548	1842	T	0449	1927	F	0409	2008	S	0408	2020	W	0442	1951	S	0526	1854	M	0610	1749	T	0658	1649	S	0744	1614	1												
2	T	0806	1623	F	0741	1708	F	0651	1755	M	0546	1843	W	0447	1929	S	0408	2009	M	0409	2020	T	0443	1950	S	0527	1852	T	0611	1747	F	0700	1647	S	0746	1613	2												
3	W	0806	1624	S	0739	1710	S	0649	1756	T	0544	1845	T	0445	1930	S	0408	2010	T	0409	2019	F	0444	1948	M	0529	1850	W	0613	1745	S	0702	1646	M	0747	1613	3												
4	T	0806	1625	S	0738	1711	S	0647	1758	W	0542	1846	F	0444	1932	M	0407	2011	W	0410	2019	S	0446	1946	T	0530	1847	T	0614	1743	S	0703	1644	T	0748	1613	4												
5	F	0806	1626	M	0736	1713	M	0645	1759	T	0539	1848	S	0442	1933	T	0406	2012	T	0411	2019	S	0447	1945	W	0532	1845	F	0616	1741	M	0705	1642	W	0749	1612	5												
6	S	0805	1627	T	0735	1715	T	0643	1801	F	0537	1849	S	0440	1935	W	0406	2013	F	0412	2018	M	0448	1943	T	0533	1843	S	0617	1739	T	0707	1641	T	0751	1612	6												
7	S	0805	1628	W	0733	1716	W	0641	1803	S	0535	1851	M	0439	1936	T	0406	2013	S	0413	2018	T	0450	1941	F	0535	1841	S	0619	1737	W	0708	1639	F	0752	1612	7												
8	M	0805	1630	T	0732	1718	T	0639	1804	S	0533	1852	T	0437	1938	F	0405	2014	S	0413	2017	W	0451	1940	S	0536	1839	M	0620	1735	T	0710	1638	S	0753	1611	8												
9	T	0804	1631	F	0730	1720	F	0637	1806	M	0531	1854	W	0436	1939	S	0405	2015	M	0414	2016	T	0453	1938	S	0538	1837	T	0622	1733	F	0711	1636	S	0754	1611	9												
10	W	0804	1632	S	0728	1721	S	0635	1807	T	0529	1855	T	0434	1940	S	0404	2016	T	0415	2016	F	0454	1936	M	0539	1835	W	0623	1730	S	0713	1635	M	0755	1611	10												
11	T	0803	1634	S	0727	1723	S	0633	1809	W	0527	1857	F	0432	1942	M	0404	2016	W	0416	2015	S	0456	1935	T	0541	1833	T	0625	1728	S	0715	1634	T	0756	1611	11												
12	F	0803	1635	M	0725	1725	M	0631	1811	T	0525	1858	S	0431	1943	T	0404	2017	T	0417	2014	S	0457	1933	W	0542	1830	F	0627	1726	M	0716	1632	W	0757	1611	12												
13	S	0802	1636	T	0723	1726	T	0628	1812	F	0523	1900	S	0430	1945	W	0404	2017	F	0418	2013	M	0458	1931	T	0543	1828	S	0628	1724	T	0718	1631	T	0758	1611	13												
14	S	0801	1638	W	0722	1728	W	0626	1814	S	0521	1901	M	0428	1946	T	0404	2018	S	0419	2013	T	0500	1929	F	0545	1826	S	0630	1722	W	0719	1630	F	0759	1611	14												
15	M	0801	1639	T	0720	1730	T	0624	1815	S	0519	1903	T	0427	1948	F	0403	2018	S	0420	2012	W	0501	1927	S	0546	1824	M	0631	1720	T	0721	1628	S	0800	1611	15												
16	T	0800	1641	F	0718	1731	F	0622	1817	M	0517	1905	W	0425	1949	S	0403	2019	M	0421	2011	T	0503	1926	S	0548	1822	T	0633	1718	F	0723	1627	S	0800	1612	16												
17	W	0759	1642	S	0716	1733	S	0620	1818	T	0515	1906	T	0424	1950	S	0403	2019	T	0423	2010	F	0504	1924	M	0549	1820	W	0634	1716	S	0724	1626	M	0801	1612	17												
18	T	0758	1644	S	0714	1735	S	0618	1820	W	0513	1908	F	0423	1952	M	0403	2020	W	0424	2009	S	0506	1922	T	0551	1817	T	0636	1714	S	0726	1625	T	0802	1612	18												
19	F	0757	1645	M	0713	1737	M	0616	1822	T	0511	1909	S	0422	1953	T	0404	2020	T	0425	2008	S	0507	1920	W	0552	1815	F	0638	1712	M	0727	1624	W	0802	1612	19												
20	S	0757	1647	T	0711	1738	T	0614	1823	F	0509	1911	S	0420	1954	W	0404	2020	F	0426	2007	M	0509	1918	T	0554	1813	S	0639	1711	T	0729	1623	T	0803	1613	20												
21	S	0756	1648	W	0709	1740	W	0611	1825	S	0507	1912	M	0419	1955	T	0404	2020	S	0427	2006	T	0510	1916	F	0555	1811	S	0641	1709	W	0730	1622	F	0804	1613	21												
22	M	0755	1650	T	0707	1742	T	0609	1826	S	0505	1914	T	0418	1957	F	0404	2021	S	0428	2004	W	0511	1914	S	0557	1809	M	0642	1707	T	0732	1621	S	0804	1614	22												
23	T	0754	1651	F	0705	1743	F	0607	1828	M	0503	1915	W	0417	1958	S	0404	2021	M	0430	2003	T	0513	1912	S	0558	1807	T	0644	1705	F	0733	1620	S	0804	1614	23												
24	W	0752	1653	S	0703	1745	S	0605	1829	T	0501	1917	T	0416	1959	S	0405	2021	T	0431	2002	F	0514	1910	M	0559	1804	W	0645	1703	S	0735	1619	M	0805	1615	24												
25	T	0751	1655	S	0701	1746	S	0603	1831	W	0459	1918	F	0415	2000	M	0405	2021	W	0432	2001	S	0516	1908	T	0601	1802	T	0647	1701	S	0736	1618	T	0805	1616	25												
26	F	0750	1656	M	0659	1748	M	0601	1832	T	0458	1920	S	0414	2002	T	0405	2021	T	0434	1959	S	0517	1906	W	0602	1800	F	0649	1659	M	0738	1617	W	0806	1616	26												
27	S	0749	1658	T	0657	1750	T	0559	1834	F	0456	1921	S	0413	2003	W	0406	2021	F	0435	1958	M	0519	1904	T	0604	1758	S	0650	1658	T	0739	1616	T	0806	1617	27												
28	S	0748	1700	W	0655	1751	W	0556	1835	S	0454	1923	M	0412	2004	T	0406	2021	S	0436	1957	T	0520	1902	F	0605	1756	S	0652	1656	W	0740	1616	F	0806	1618	28												
29	M	0746	1701				T	0554	1837	S	0452	1924	T	0411	2005	F	0407	2021	S	0437	1955	W	0522	1900	S	0607	1754	M	0654	1654	T	0742	1615	S	0806	1619	29												
30	T	0745	1703				F	0552	1839	M	0450	1926	W	0410	2006	S	0408	2020	M	0439	1954	T	0523	1858	S	0608	1751	T	0655	1652	F	0743	1614	S	0806	1620	30												
31	W	0744	1705				S	0550	1840				T	0410	2007				T	0440	1953	F	0525	1856				W	0657	1651				M	0806	1621	31												

GUERNSEY LIGHTING UP TIMES - 2018

2018 Lighting Up times as calculated for Guernsey Airport, 49°26'N 02°36'W

Times are UTC (=GMT)

18	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE				JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				18
DY	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	DY												
1	M	0736	1652	T	0712	1736	T	0623	1823	S	0518	1912	T	0419	1957	F	0339	2038	S	0338	2050	W	0412	2021	S	0456	1924	M	0540	1819	T	0628	1719	S	0714	1644	1												
2	T	0736	1653	F	0711	1738	F	0621	1825	M	0516	1913	W	0417	1959	S	0338	2039	M	0339	2050	T	0413	2020	S	0457	1922	T	0541	1817	F	0630	1717	S	0716	1643	2												
3	W	0736	1654	S	0709	1740	S	0619	1826	T	0514	1915	T	0415	2000	S	0338	2040	T	0339	2049	F	0414	2018	M	0459	1920	W	0543	1815	S	0632	1716	M	0717	1643	3												
4	T	0736	1655	S	0708	1741	S	0617	1828	W	0512	1916	F	0414	2002	M	0337	2041	W	0340	2049	S	0416	2016	T	0500	1917	T	0544	1813	S	0633	1714	T	0718	1643	4												
5	F	0736	1656	M	0706	1743	M	0615	1829	T	0509	1918	S	0412	2003	T	0336	2042	T	0341	2049	S	0417	2015	W	0502	1915	F	0546	1811	M	0635	1712	W	0719	1642	5												
6	S	0735	1657	T	0705	1745	T	0613	1831	F	0507	1919	S	0410	2005	W	0336	2043	F	0342	2048	M	0418	2013	T	0503	1913	S	0547	1809	T	0637	1711	T	0721	1642	6												
7	S	0735	1658	W	0703	1746	W	0611	1833	S	0505	1921	M	0409	2006	T	0336	2043	S	0343	2048	T	0419	2011	F	0505	1911	S	0549	1807	W	0638	1709	F	0722	1642	7												
8	M	0735	1700	T	0702	1748	T	0609	1834	S	0503	1922	T	0407	2008	F	0335	2044	S	0343	2047	W	0421	2010	S	0506	1909	M	0550	1805	T	0640	1708	S	0723	1641	8												
9	T	0734	1701	F	0700	1750	F	0607	1836	M	0501	1924	W	0406	2009	S	0335	2045	M	0344	2046	T	0423	2008	S	0508	1907	T	0552	1803	F	0641	1706	S	0724	1641	9												
10	W	0734	1703	S	0658	1751	S	0605	1837	T	0459	1925	T	0404	2010	S	0334	2046	T	0345	2046	F	0424	2006	M	0509	1905	W	0553	1800	S	0643	1705	M	0725	1641	10												
11	T	0733	1704	S	0657	1753	S	0603	1839	W	0457	1927	F	0402	2012	M	0334	2046	W	0346	2045	S	0426	2005	T	0511	1903	T	0555	1758	S	0645	1704	T	0726	1641	11												
12	F	0733	1705	M	0655	1755	M	0601	1841	T	0455	1928	S	0401	2013	T	0334	2047	T	0347	2044	S	0427	2003	W	0512	1900	F	0557	1756	M	0646	1702	W	0727	1641	12												
13	S	0732	1706	T	0653	1756	T	0558	1842	F	0453	1930	S	0400	2015	W	0334	2047	F	0348	2043	M	0428	2001	T	0513	1858	S	0558	1754	T	0648	1701	T	0728	1641	13												
14	S	0731	1708	W	0652	1758	W	0556	1844	S	0451	1931	M	0358	2016	T	0334	2048	S	0349	2043	T	0430	1959	F	0515	1856	S	0600	1752	W	0649	1700	F	0729	1641	14												
15	M	0731	1709	T	0650	1800	T	0554	1845	S	0449	1933	T	0357	2018	F	0333	2048	S	0350	2042	W	0431	1957	S	0516	1854	M	0601	1750	T	0651	1658	S	0730	1641	15												
16	T	0730	1711	F	0648	1801	F	0552	1847	M	0447	1935	W	0355	2019	S	0333	2049	M	0351	2041	T	0433	1956	S	0518	1852	T	0603	1748	F	0653	1657	S	0730	1642	16												
17	W	0729	1712	S	0646	1803	S	0550	1848	T	0445	1936	T	0354	2020	S	0333	2049	T	0353	2040	F	0434	1954	M	0519	1850	W	0604	1746	S	0654	1656	M	0731	1642	17												
18	T	0728	1714	S	0644	1805	S	0548	1850	W	0443	1938	F	0353	2022	M	0333	2050	W	0354	2039	S	0436	1952	T	0521	1847	T	0606	1744	S	0656	1655	T	0732	1642	18												
19	F	0727	1715	M	0643	1807	M	0546	1852	T	0441	1939	S	0352	2023	T	0334	2050	T	0355	2038	S	0437	1950	W	0522	1845	F	0608	1742	M	0657	1654	W	0732	1642	19												
20	S	0727	1717	T	0641	1808	T	0544	1853	F	0439	1941	S	0350	2024	W	0334	2050	F	0356	2037	M	0439	1948	T	0524	1843	S	0609	1741	T	0659	1653	T	0733	1643	20												
21	S	0726	1718	W	0639	1810	W	0541	1855	S	0437	1942	M	0349	2025	T	0334	2050	S	0357	2036	T	0440	1946	F	0525	1841	S	0611	1739	W	0700	1652	F	0734	1643	21												
22	M	0725	1720	T	0637	1812	T	0539	1856	S	0435	1944	T	0348	2027	F	0334	2051	S	0358	2034	W	0441	1944	S	0527	1839	M	0612	1737	T	0702	1651	S	0734	1644	22												
23	T	0724	1721	F	0635	1813	F	0537	1858	M	0433	1945	W	0347	2028	S	0334	2051	M	0400	2033	T	0443	1942	S	0528	1837	T	0614	1735	F	0703	1650	S	0734	1644	23												
24	W	0722	1723	S	0633	1815	S	0535	1859	T	0431	1947	T	0346	2029	S	0335	2051	T	0401	2032	F	0445	1940	M	0529	1834	W	0615	1733	S	0705	1649	M	0735	1645	24												
25	T	0721	1725	S	0631	1816	S	0533	1901	W	0429	1948	F	0345	2030	M	0335	2051	W	0402	2031	S	0446	1938	T	0531	1832	T	0617	1731	S	0706	1648	T	0735	1646	25												
26	F	0720	1726	M	0629	1818	M	0531	1902	T	0428	1950	S	0344	2032	T	0335	2051	T	0404	2029	S	0447	1936	W	0532	1830	F	0619	1729	M	0708	1647	W	0736	1646	26												
27	S	0719	1728	T	0627	1820	T	0529	1904	F	0426	1951	S	0343	2033	W	0336	2051	F	0405	2028	M	0449	1934	T	0534	1828	S	0620	1728	T	0709	1646	T	0736	1647	27												
28	S	0718	1730	W	0625	1821	W	0526	1905	S	0424	1953	M	0342	2034	T	0336	2051	S	0406	2027	T	0450	1932	F	0535	1826	S	0622	1726	W	0710	1646	F	0736	1648	28												
29	M	0716	1731				T	0524	1907	S	0422	1954	T	0341	2035	F	0337	2051	S	0407	2025	W	0452	1930	S	0537	1824	M	0624	1724	T	0712	1445	S	0736	1649	29												
30	T	0715	1733				F	0522	1909	M	0420	1956	W	0340	2036	S	0338	2050	M	0409	2024	T	0453	1928	S	0538	1821	T	0625	1722	F	0713	1644	S	0736	1650	30												
31	W	0714	1735				S	0520	1910				T	0340	2037				T	0410	2023	F	0455	1926				W	0627	1721				M	0735	1651	31												