

Guernsey Met Office

2018 Annual Weather Report

Including data from Lihou Island and Sark



The 2018 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:

A long warm summer – A clear day at Pembroke Bay with turquoise seas.
2018 was the 6th warmest on record with over 2000 hours of sunshine.

Photo credit: Adam Heaume

Contents

SENIOR METEOROLOGICAL OFFICER'S REPORT

ANNUAL AND MONTHLY COMMENTARY:

Weather Headlines for 2018

January

February

March

April

May

June

July

August

September

October

November

December

MONTHLY STATISTICS:

Annual Weather Summary

Sunshine / Pressure / Rainfall

Temperature

Number of Days with....

Wind Speed

Wind Speed & Direction (Percentage Frequencies)

Fog (Visibility < 1000m)

Runway Visual Range (< 600m)

Report from Lihou Island

Report from Sark

DAILY OBSERVATIONS FOR 2018

January

February

March

April

May

June

July

August

September

October

November

December

APPENDICES – GRAPHS

Monthly Rainfall / Sunshine

Weekly Mean Air Temperature / Mean Air Pressure

Percentage Frequency of Wind Speed and Direction

Wet Days / Sunless Days

Monthly Hours of Fog / RVR < 600m

Weekly Sea Surface Temperature at St Peter Port

Degree Days (below 15.5°C)

SUPPLEMENTARY INFORMATION PAGES FOR 2019:

Summer Weekend Tides

Diary of Astronomical Events

Lihou Island Access Times

Ormering Tides / Phases of the Moon

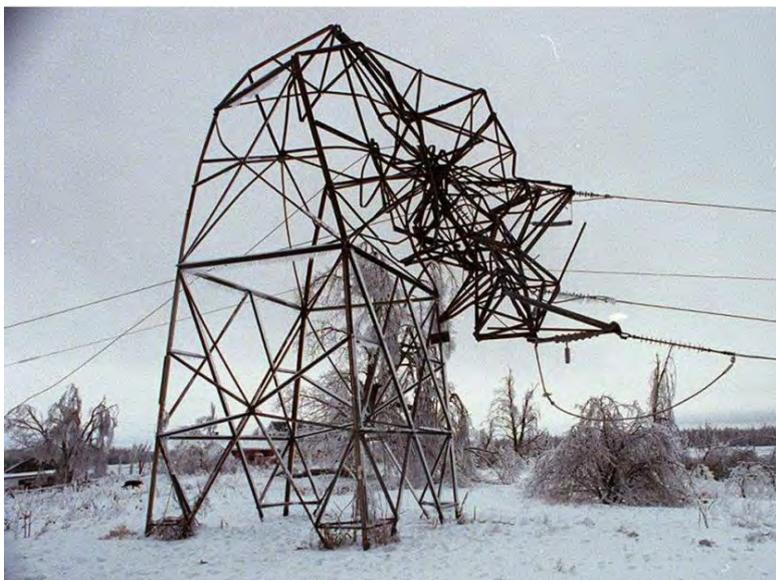
Sunrise / Sunset Times

2018 – Senior Met Officer’s Report on Guernsey Weather & Climate Change

This is my first annual report as Senior Met Officer at Guernsey Airport, and it’s great to start with some good news.

2018 in the Guernsey Bailiwick will be best remembered for its long warm summer (at last!) which in many respects was close to that of 1976, although 1976 remains the benchmark with 40 consecutive days of dry weather and slightly higher temperatures. Weather events can have a negative impact on parts of the community, so whilst most were enjoying the warm dry weather, farmers in particular were desperate for rain and globally this was the case in many other countries. I have learnt over my many years of working in meteorology that you certainly can’t please all the people all the time, we all have different weather desires. Snow events were brief and a cold North Easterly in late February produced up to a foot of snow in Alderney, closing the airport for a few days, whilst further south in Guernsey only a dusting of snow was recorded at the airport. The North of the Island had slightly more snow being closer to the line of showers that were rattling down the Channel and across Alderney. The threat of freezing rain on the 1st March thankfully did not materialise, although we did see some snow for a time from late morning, turning to sleet and then rain by late afternoon.

As a child, I remember seeing freezing rain for the first time, a relatively rare phenomena for the Bailiwick. I had been waiting for snow and had poured water into a dip in the driveway and checked back on it about 30 minutes later to find it was frozen solid, so it had to snow right? Well it didn’t, it rained but due to the frozen ground it instantly froze, hence the term freezing rain, I felt cheated. It wasn’t until I was much older that I understood what had happened. After a cold spell with sub-zero ground temperatures, a warm front approached from the South West with much warmer air aloft resulting in the precipitation falling as rain and freezing on contact with the frozen ground and trees branches. This phenomenon, whilst very beautiful to look at can cause major problems due the weight of the ice. In America for example they see these ‘ice storms’ on a regular basis, which can crumple the likes of power pylons as the picture below shows:

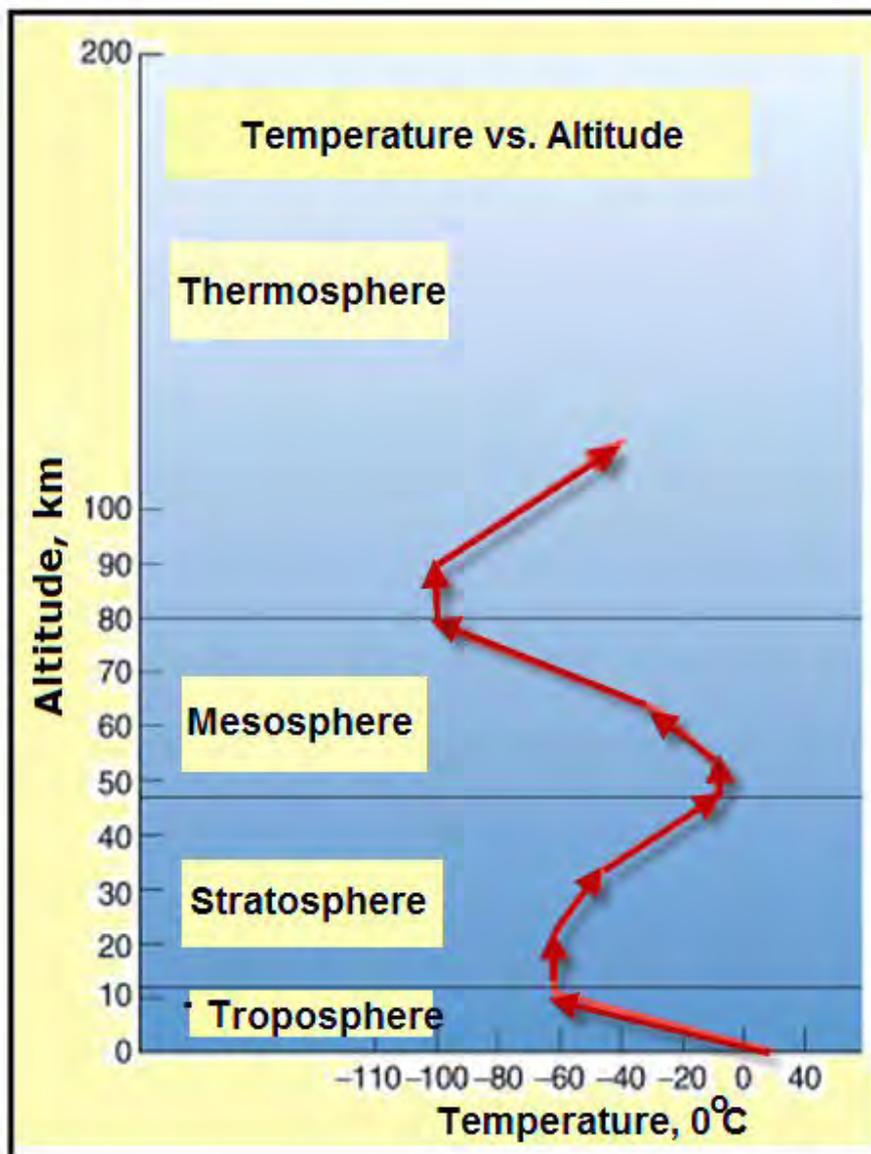


Across the world major weather events continued to hit the headlines in 2018. Whether there are more severe weather events happening across the world today when compared to say 50 years ago, remains uncertain, it could be a consequence of modern technology that we now get to hear, almost instantly, when a new weather event occurs.

Here is a brief look at some of the global weather events that happened in 2018:

- January: A week-long heatwave flooded New Zealand, breaking temperature records across the country and causing a nationwide shortage of cooling fans.
- February: Beginning on 24 February 2018, Great Britain and Ireland were affected by a cold wave, dubbed the Beast from the East by the media, which brought widespread unusually low temperatures and heavy snowfall in many parts of the UK.
- March: Dozens of homes were destroyed by an out-of-control blaze near Bega in south-eastern New South Wales, Australia, with residents in the seaside town of Tathra told it was too late to leave.
- April: Fires raged in one of Nicaragua's most important protected areas of tropical rain forest for more than a week.
- May: Severe dust storms across northern India killed more than 100 people, destroyed homes and left hundreds without electricity.
- June: Moors fires in Lancashire -Seven square miles of land between Tameside and Oldham went up in flames
- July: Japan meteorological agency issued its highest level warning for affected areas, three hours of rainfall in one area in Kochi prefecture reached an accumulated 26.3cm (10.4 inches), the highest since such records started in 1976.
- August: Devastating floods killed more than 300 in the Indian state of Kerala, triggering landslides and sending torrents sweeping through villages in the region's worst inundation crisis in a century.
Friday, 16th weather stations in Portugal registered record temperatures with Alcácer do Sal, near Setúbal, climbing to 45.9°C.
- September: Almost 100 people are presumed dead after a landslide caused by Typhoon Mangkhut enveloped a small mining town in the Philippines, burying homes and a chapel where dozens of people had taken shelter.
- October: Hurricane Michael was the third-most intense Atlantic hurricane to make landfall in the United States in terms of pressure, falling to 919 mbar.
- November: California wild fires for the second time -This new batch of wildfires includes the Woolsey Fire and the Camp Fire, the latter of which killed at least 86 people with 3 still unaccounted for as of 4 December 2018
- December: Heatwave in Australia -A broad area stretching across much of southern Australia was set to experience the hot weather, with temperatures generally 10°C to 14°C higher than usual for this time of year, according to the Bureau of Meteorology.

A term that was used quite frequently in the media, especially during the early part of 2018 was 'Sudden Stratospheric Warming' (SSW). The stratosphere (where the ozone layer lies, remember the ozone hole back in the 90's) is the second major layer of Earth's atmosphere, just above the troposphere, and below the mesosphere. All our weather is contained within the troposphere where temperatures continue to fall with increased altitude. As you can see in the diagram below temperatures stop falling in the stratosphere and start to rise again, in essence the demarcation line between the troposphere and stratosphere, known as the tropopause acts as a height limit to our weather systems – just as well otherwise storms could be even more deadly!



So what is Sudden Stratospheric Warming and what effect (if any) does it have on our weather? A sudden stratospheric warming of the atmosphere refers to a swift jump in temperatures in the stratosphere that is sometimes linked to the onset of cold weather in winter. The term SSW refers to what we observe - rapid warming (up to about 50 °C in just a couple of days) in the stratosphere, between 10 km and 50 km up.

Jet streams high up in our atmosphere, in both the northern and southern hemisphere, circumnavigate the Earth from West to East. One of these, the Polar Night Jet, circles the Arctic. As we know these jet streams drive our weather systems.

Sometimes the usual westerly flow can be disrupted by natural weather patterns or disturbances in the lower part of the atmosphere, such as a large area of high pressure in the northern hemisphere. This causes the Polar Jet to 'wobble' and these wobbles, or waves, break just like the sea on the beach. When they break they can be strong enough to weaken or even reverse the westerly winds and swing them to easterlies. As this happens, air in the stratosphere starts to collapse in to the polar cap and compress. As it compresses it warms, hence the stratospheric warming.

We normally expect our weather to come in from the west - with a flow of relatively mild air coming in off the Atlantic. When a SSW event brings easterly winds this tends to alter our weather patterns slightly, weakening areas of low pressure and moving our jet stream further south. This leads to high pressure over the North Atlantic, 'blocking' that flow of mild Atlantic air and dragging in cold air from the continent to the east. Exactly how cold it might be depends on the details of where the air comes from.

SSWs don't always result in this outcome - but a cold snap follows more often than not, so the presence of a SSW event greatly increases the risk of wintry weather.

This was the case in February when high pressure over the UK resulted in a feed of cold North Easterly winds down the channel and a convergence zone developed (line of showers) that hit Alderney on the night of the 26th into the 27th February, giving up to a foot of snow in places and closed the airfield for some 3 days.

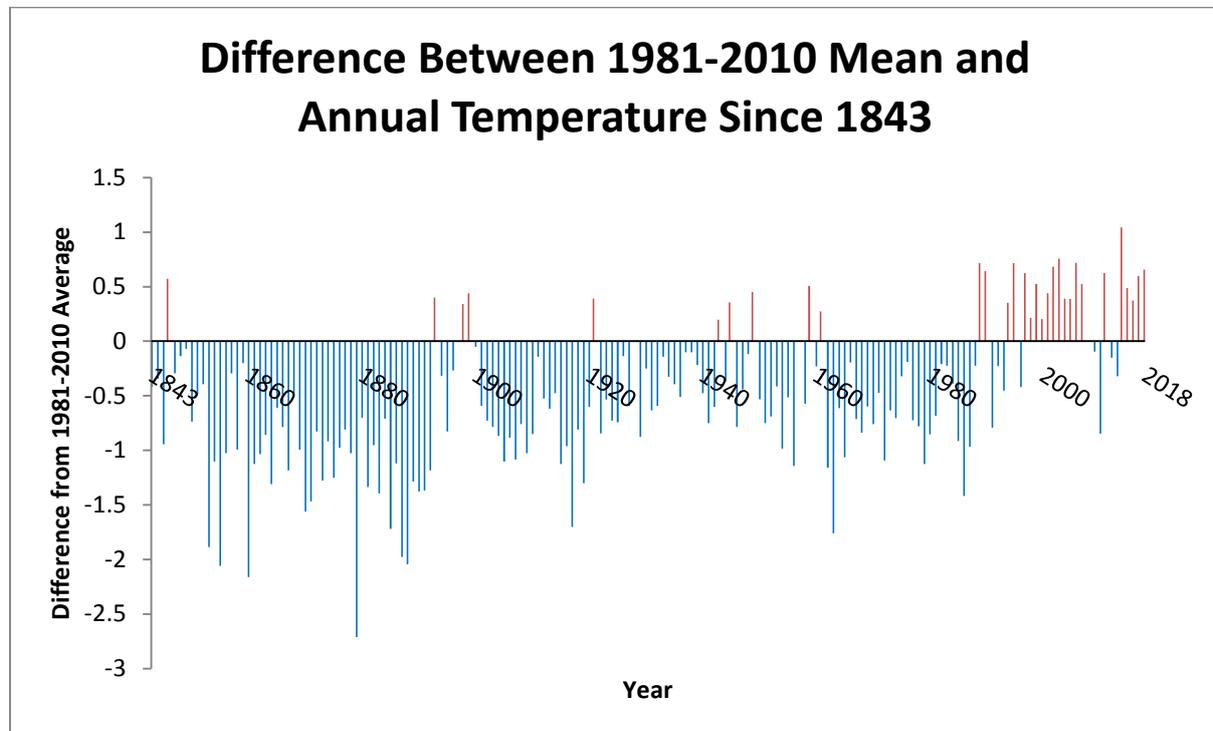


Snow in Alderney 27th February 2018

Here in Guernsey we only got a dusting at the airport although northern parts of the island did get more.

The UK met office can reliably predict individual SSW events about a week in advance, and they can detect them early on with satellite and other observations. This means they have some time to see how they develop and may impact our future weather.

In 2018 the media reported on plastic pollution across the world. It is true that we continue to pollute the planet with our discarded products whether that is plastics, emissions from cars and fossil fuel burning power plants. These factors combine with a continuation in the deforestation of the planet mainly for farming purposes. Global warming remains firmly on the media agenda. Indeed the last 5 consecutive years in Guernsey have seen our annual air temperature rise above the 30 year average.



The image above graphically shows the difference in annual mean temperature in Guernsey against the long term 30 year average mean temperature (1981-2010). It clearly shows that over the last 20 years or so our annual temperature has risen by around 0.5°C or so. Whilst our statistics cannot be taken in isolation they do follow the global trend in the rise in temperatures.

Guernsey Met Office had another busy and productive year. We have seen the introduction of two new cloud base recorders, one of which has the ability to detect distinct atmospheric layers and may prove useful if we have another volcanic event as we saw with the eruption of the Eyjafjallajökull volcano in Iceland in 2010 and the subsequent disruption to flying.

2018 also saw the replacement of the cup anemometers with ultrasonic instrumentation. This means that with no moving parts, maintenance will be a lot easier.

The Met Office at Guernsey Airport continues to come under the compliance spotlight and the post of Senior Observer – Systems has now been changed to Senior Observer – Compliance. My thanks to all the met team for their help, dedication and professionalism during 2018.

Unfortunately recent equipment changes at Alderney Airport means we have lost statistical logging capabilities, so we have been unable to produce any Alderney weather statistics this year. We hope to rectify this in the future.

I would also like to thank Antony Dunks for continuing to maintain the weather records in Sark.

Finally I would like to thank Martin Crozier, former Senior Met Officer, who retired in May after 11 years at the Guernsey Met Office. Martin worked tirelessly during his time and my thanks to him, in particular, for establishing our quality management system to achieve ISO 9001 certification, from 2010 and through its variants thereafter. I wish Martin and Michelle a happy and healthy retirement.

Peter De La Mare, Senior Met Officer, Guernsey Met Office, Guernsey Airport

Website: <http://www.metoffice.gov.gg> Twitter: [@GuernseyMet](https://twitter.com/GuernseyMet)

2018 Guernsey Weather Headlines

- **January** - Mild, wet, dull & windy. Most days of fog for January since 1993. No recorded ground frosts, first time in January since 1947. Highest average January grass minimum temperature at 5.0°C. Equal highest January mean wind speed since 1998.
- **February** – Cold, dry & sunny. Coldest February and lowest day's minimum temperature of -3.1°C since 1991. Lowest temperature at the airport since 8th January 1997. Sunniest February since 2008 and 3rd sunniest February on record. Snow and air frosts on last 3 days of month.
- **Winter 2017/18** – Slightly warmer, wetter & sunnier than average.
- **March** – Coolest March since 2010. Lowest March minimum temperature (-2.1°C on the 1st) since 1958. Wettest March since 2001 and 3rd wettest March at the airport. Dullest March since 2013. Lowest March mean monthly pressure (1000.7mb) since 1947.
- **April** - Drier and warmer than average. 4 day spell of warm weather (18th-21st incl) helped make it the 4th warmest April at the airport. Temps reached 23.0°C on 21st, the warmest April day since 2003 and 2nd (equal) warmest April day recorded at the airport. Dullest April since 2000.
- **May** – Driest May in 20 years and 4th driest May at the airport. Sunniest May since 2004 and sunniest month at the airport since June 2015. 24.5°C on the 7th was the warmest May Day for 8 years. Dry spell of 14 days of no rainfall 12th-25th inc. Lowest mean May wind speed since 1960.
- **Spring** – Slightly warmer and duller than average, and fractionally wetter.
- **June** – Driest June since 1996, and 10th driest on record. Sark also enjoys driest June since 1996. The 26th was the sunniest day at the airport since 2009. Mean temp 1.2°C above average but last June was warmer. Last 10 days of the month averaged just less than 14 hours of sunshine per day, with no rainfall recorded.
- **July** – Sunniest July at the airport and 2nd sunniest since sunshine records began in 1894. A run of 36 consecutive days with maximum temperatures exceeding 20°C ended on the 29th, a record at the airport. Warmest July since 2006 and 3rd warmest on record. Lowest July wind speed since 1947. First month with no sunless days since September 2016. The period May to July is the driest 3 consecutive month period recorded locally since records began in 1843.
- **August**- Warmer, drier but duller than average. Lowest August grass min temp (3.7°C on 26th) for 15 years. The 2nd was the sunniest August day ever recorded at Airport with 14.6 hours of sunshine. Warmest August night on the 20th for 5 years with temperatures dipping to only 16.8°C.

- **Summer** – Warmest summer since 2006 and 4th equal warmest at the Airport. Driest since 1989 and 5th driest at Airport. Overall best summer since 1995 and 3rd best summer at Airport. Unusually for such a warm summer there were no days where air temperatures exceeded 30°C.
- **September** – Benign month with a succession of anticyclones dominating our weather. Drier, warmer and sunnier than average although no records broken. 85% of month's rainfall fell in just 2 days. Grass min temperature on 30th (1.3°C) lowest for September for 15 years. 8th consecutive month with below average wind speed, only January this year has been windier than normal. More rainfall was recorded in just March this year than the last 5 months combined (May-Sept inc).
- **October** – Sunniest October for 47 years, and the 4th sunniest October on record in Guernsey. 30.5mm of rain on the morning of the 14th gave us the 2nd wettest October day for 14 years and the wettest day so far this year. Hail showers during the evening of the 27th dropped air temps to 3.9°C, that's the 2nd equal lowest Oct air min temp recorded at airport.
- **November** – Despite the 3rd week being cool, the month was slightly warmer than average. After a dry start the last 8 days produced more rainfall than the 3 months May to July, inclusive, ending up close to the average and it was the sunniest November for 12 years. The daytime maximum temperature on the 20th of just 5.2°C was the lowest November day max for 8 years.
- **Autumn** – Warmer and drier than the long term average. Sunniest Autumn since 1971 and 3rd sunniest at the airport.
- **December** – Warmer than average, rainfall very close to average despite a dry last week of the month. Dullest December since 1998 and the most sunless days since 1996. Warmest December night on the 2nd with 13.0°C since 1976, and lowest December air temperature on the 14th of +1.5°C since 2012.
- **Year 2018** – 5th consecutive year being warmer than the 30 year average and the 6th warmest on record. Driest year since 1997 and 2nd sunniest since 2003.

My thanks to Chris Archard (Senior Observer – Climatology) for this data.

January 2018

Rapidly falling barometric pressure in the small hours of the 1st heralded a decidedly unsettled start to the new year as a vigorous depression swung in from the near Atlantic bringing outbreaks of rain, heavy at times, and strong southerly winds. As this Low swept rapidly away eastward up the Channel, so our winds veered to the northwest by mid-morning and a few light showers replaced the earlier downpours.

A transient ridge of high pressure briefly covered France and southern Britain overnight before our winds backed round to the south again as further frontal systems arrived by dawn on the 2nd. Rain, drizzle and hill fog prevailed through the morning, easing off that afternoon, returning later that evening, then clearing through overnight in to the 3rd. The first named storm of the year, Storm Eleanor, was centred to the north of Ireland by now and much of the UK was experiencing very strong winds as a complex series of weather fronts crossed the country.

West to northwest gales with blustery rain & hail showers battered the islands through daylight hours and with high spring tides that morning, the west coast experienced major widespread flooding and debris strewn across roads and properties. The month's highest wind gust was recorded in the small hours of the 3rd at 53.1 knots.

Further rain arrived that evening as the winds temporarily eased off and backed in to the southwest, with hill fog and drizzle overnight. By the morning of the 4th though, winds had increased once again to gale force leading to more problems for the west coast. This band of rain cleared through later in the day leaving us with blustery showers of rain or hail, and this continued in to the 5th as well.

The weekend of the 6th & 7th saw a developing ridge of high pressure stretched across the UK, with cool, dry and settled conditions prevailing across central and northern parts of the country. Unfortunately low pressure was still affecting southern Europe with a slow moving warm front stalled along the Channel. Strong winds, this time from the north-east, cool temperatures, overcast skies and outbreaks of rain only added to the misery.

Slowly, though, that front cleared away northward, the high pressure cell edged away to the east and our winds veered in to the south; perhaps not much milder, but definitely slightly less cold. The 9th dawned cloudy with moderate to fresh south to south-easterly winds as a slowly approaching cold front edged in from the west, bringing rain by that evening. That front had cleared through by the morning of the 10th leaving us in a much brighter, westerly airflow leading to the sunniest day of the month at 6.5 hours and temperatures just shy of 11°C; a welcome relief after 3 consecutive sunless days.

The following few days saw complex, slow moving, low pressure steer to the south of the islands, through Biscay and into central France. This feature initially led to lighter north-easterly winds and drier conditions until we started to fall under the influence of further Atlantic systems marching in from the west, with rain arriving by dawn on the 15th. At this stage the weather chart was showing a vast area of blocking High pressure over Siberia and very deep Low pressure over Iceland, leading to severe southerly gales to the north of the UK. That blocking Siberian High slowed the clearance of the rain band locally, with hill fog affecting air travel briefly that morning, before conditions brightened up that afternoon.

This major Low pressure system over Iceland started to feed a cool, showery airflow down across the UK by the 16th with blustery rain & hail showers affecting the Bailiwick, and bands of heavy and disruptive snow showers affecting large parts of northern and western parts of the UK. Temperatures were falling sharply in some of the heavier hail showers, with the month's lowest temperature recorded in the small hours of the 17th. A further smaller, deepening area of Low pressure was winding itself up out in mid Atlantic by now, sweeping in towards southern Britain and the Channel, with rain locally arriving by mid evening on the 17th. This Low cleared us by the morning of the 18th but continued to track eastward into the Low Countries with reported wind gusts there in excess of 100mph and several fatalities recorded.

We remained in a cool, bright, showery north-westerly airflow until late on the 19th when a much milder, westerly airflow rolled in overnight, and by dawn on the 20th we had returned to wind, rain, drizzle and misty conditions. A noticeable 4°C temperature increase occurred between 0400 and 0700 that morning with the arrival of that milder, tropical maritime air. Unsettled, cyclonic conditions prevailed across the UK for the next couple of days, with further strong west to south-westerly winds, outbreaks of rain & drizzle, with mist and hill fog locally. A brief interlude from mid morning on the 22nd allowed us a few hours of rare sunshine as a transient ridge of high pressure briefly made its presence felt, but it was soon back to the gloom by dawn on the 23rd. A whole series of weather fronts rattled through over the next 36 hours, before clearing late evening on the 24th, to leave us once more in a cool, bright, showery airflow with rain & hail showers. The 25th, whilst chilly, did provide us with over 6 hours of sunshine and excellent visibility. The 26th remained largely dry, though more cloudy as a slow moving occluded front waved south over the Channel.



Le Gouffre on the 26th looking southeast towards Jersey with *Cumulus* embedded within a layer of *Stratocumulus* clouds.

With no real settled spell of weather this month, it was with some trepidation that we went in to the weekend of the 27th, and it didn't disappoint; rain by dawn on Saturday, rain and mist through the afternoon and thick fog at the airport by evening. Sunday fared slightly better in that the fog had lifted, but cloudy, misty conditions persisted with outbreaks of rain and drizzle at times. The Azores High had stretched in from the south-west by now, pushing the worst of the weather to the north, but leaving us in a mild, damp airflow. A weak cold front started to edge down towards us from the north-west during the afternoon of the 29th, with more drizzle and mist patches later that evening. The front pretty much ground to a halt in the Channel over the next few days with only a brief clearance early on the 30th. Low pressure to the north of Scotland brought unsettled, windy conditions for the last day of the month, with fronts clearing through around midday to leave us on a cooler, showery note to round off January.

January 2018 was very unsettled throughout and ended up duller and wetter than average. Despite 9 days with hail recorded, it was also over a degree warmer than the long term average. For the first time since records began at the airport, we had no January ground frosts recorded, and the month's average grass minimum temperature was the highest since 1947. We also achieved 11 days with fog recorded, the highest amount of January days since 1993, and the (equal) highest mean wind speed at 15.6 knots, since 1998.

February 2018

The last month of winter started out decidedly on the chilly side with deep low pressure over the North Sea steering down a cold, showery, north-westerly flow across all parts of the UK and in to the Channel. Showers of rain and hail assailed our shores during the small hours of the 1st, easing off during daylight hours before returning again that evening. As that low filled and edged away eastward over Scandinavia, so our winds veered more northerly, eased down a tad, and the showers became more isolated through the 2nd. Temperatures were cooler than of late but we did manage 10 hours of sunshine in those first 2 days of the month.

Swiftly falling air pressure and winds backing in to the south-west during the early hours of the 3rd heralded a spell of more general rain that morning, before a clearance early that afternoon to return us to showers once more, as pressure started to build from the west.

Out in the near Atlantic, the Azores High was stretching its influence up and over the UK, shutting off the cold flow from the north, but having the effect locally of bringing in a run of very cold north-easterly winds down the English Channel. So the 4th dawned cold and grey with temperatures barely making 6°C and a real taste of winter with biting north-easterly winds, and a scattering of light rain showers.

Overnight in to the 5th saw air temperatures drop to just above freezing and with the cold, dry north-easterly winds picking up moisture from the still relatively warm English Channel, we had a mixture of rain, hail, sleet and snow showers that started just after midnight and lasted on and off through the day. Late evening saw some quite heavy spells of sleet and snow, reducing visibility to less than 1000m at times and daytime top temperatures, unsurprisingly, reaching only 4.0°C. Overnight in to the 6th the winds veered more northerly and with the reduced sea track to the islands, the wintry showers eased off and the visibility improved. It remained cold though as the UK enjoyed a brief spell of more settled, but cool, weather as a transient ridge of High pressure draped itself across the country. Grass temperatures in the small hours of the 8th fell to -5.6°C, the lowest recorded up at the airport for a couple of years.

Weak Atlantic fronts were edging slowly in from the west by late on the 8th with rain arriving overnight, before clearing by dawn on the 9th as another fast building ridge extended up from the south-west. Humidity levels dropped to only 45% at times during the afternoon of the 9th, but it was only a brief respite as further frontal activity swept in mid-morning on the 10th, with freshening south-westerly winds. Early rain turned to drizzle through that afternoon as the cloud thickened and lowered, with mist and hill fog becoming more extensive by the evening. The very mobile nature of our weather continued, as we saw a clearance to brighter, cooler more showery conditions once again by the morning of the 11th as the winds veered in to the north-west. Some of the showers were quite blustery at times, with hail mixed in with the rain.

The fresh north-westerly winds started to ease off overnight in to the 12th, but with falling air temperatures, any showers were becoming more wintry in nature. Jersey Airport woke up to a rash of quite heavy snow showers that morning and had to close the runway for a couple of hours before any aircraft movements could take place. The showers became more isolated as the day wore on as an extensive Low pressure system started to push in from the west. Locally, surface winds started to back through the afternoon and freshen overnight in to the 13th and by dawn the rain arrived with strong crosswinds gusting over 50mph causing early air travel disruption. The rain cleared through by late morning though, and the winds veered in to the north-

west, allowing aircraft to once again start operating safely. A smattering of rain and hail showers followed that afternoon as temperatures fell away in the cooler airflow.

A not dissimilar day followed on the 14th as another weather system swept in from the Atlantic with rain and strong southerly winds by dawn. This feature was more reluctant to clear however, and the rain turned to drizzle through the morning with mist and hill fog in the afternoon and evening. The winds did ease off and veer in to the west by the following morning though, as the trailing cold front finally cleared away to the south-east. With southerly winds at times over the last couple of days, top temperatures had managed to get in to double figures for the first time this month.

Clear skies and light westerly winds through until late on the 17th brought some welcome sunshine to our shores as the islands enjoyed a slack belt of High pressure stretching across southern Britain and northern France. A weak, slow moving warm front edged in overnight to bring rain and drizzle by dawn on the 18th, and this readily turned in to mist and hill fog by mid-morning which lasted through until mid-morning the following day. It remained cloudy through to the 20th however, as the clearing cold front stalled just to the east of the Bailiwick as it ran up against a large area of blocking high pressure over north-east Europe. This was the first indication that perhaps we were going to see a real change in our weather over the next few days.

Indeed, high pressure continued to build across Scandinavia and the UK, and the weather front that had cleared to the east of us on the 19th was now returning back down the Channel as a much weaker feature by the morning of the 21st. That Scandinavian high was now beginning to feed in very cold, dry air down the Channel in the form of a brisk north-easterly wind that was steadily dropping temperatures across the islands from the 21st. However sunshine became more plentiful, as we averaged 7.3 hours a day from the 20th to the 26th inclusive. Progressively though, the relatively warm sea in the Channel was starting to introduce some moisture in to this airflow, and eventually a rash of wintry showers started to appear in the Channel to the north of Alderney. During the course of the 26th these showers started to near our shores and by late that afternoon the first of the snow started to fall across the island.

Snow showers continued to fall overnight and in to the 27th leading to the closure of the airport and local schools. Alderney received much more in the way of the snow than we did, up to 15cm recorded in places, whilst Jersey received barely a flake all day. Temperatures fell to below freezing late on the 26th and would stay below zero until mid-afternoon on the 1st March.



Heavy snow showers falling from *Cumulonimbus* over the sea off the west coast at Fort Houmet on the 27th

As the winds veered slightly overnight in to the 28th the line of showers moved north, away from the Bailiwick, leaving us with a fine and cold, but breezy end to the month.

The month turned out to be the coldest February since 1991, and a minimum temperature of -3.7°C on the 28th was the lowest February temperature recorded, again, since 1991. Indeed it was the lowest recorded minimum temperature at the airport since 8th January 1997. It also turned out to be the sunniest February since 2008 and the 3rd sunniest February since records began in 1894.

March 2018

The new month opened with slow moving high pressure over Scandinavia continuing to pull cold, polar air down from Siberia, with northern Europe gripped in its icy blast. Into this cold, dry flow, storm 'Emma' over Biscay was struggling to introduce less cold and damper air up from the south. As these two air masses converged in the Channel so we saw a mixture of snow, sleet, freezing rain and drizzle through the 1st, initially with sub-zero air temperatures. As the day wore on though, temperatures gradually crept up to be above freezing by mid-afternoon as the precipitation turned more to ice pellets and sleet by the day's end.



Strong easterly winds early on the 1st blowing snow across the apron at Guernsey Airport.

Through the 2nd, any remaining overnight frozen precipitation turned to rain as temperatures crept up still further to be around 6°C by noon. Just under an inch of rain had fallen in the last 24 hours as 'Emma' stalled in the west Channel and further persistent rain fell overnight in to the 3rd before finally easing off by noon that day. We saw the first glimpse of the March sun late that afternoon as the skies cleared with just a few isolated showers gliding past the islands.

Low pressure was still the dominant feature of the north Atlantic weather charts with a series of weak depressions running up through Europe. Bands of showers continued to push up from the south, with a more

sustained period of rain through the morning of the 5th, turning more showery through the afternoon. A weak occluded front nudged in from the south-east through the afternoon of the 6th, with fog patches and light rain before clearing by the evening.

We enjoyed a brief lull over the next couple of days as the islands basked in over 17 hours of sunshine with just a smattering of overnight showers and daytime temperatures edging up towards double figures.

The rain never seemed that far away though and sure enough in the small hours of the 9th low cloud descended into fog over the higher parishes with outbreaks of rain and drizzle though the day until conditions improved by the evening. An extensive area of low pressure, storm 'Felix', was slowly pushing its way up from the south-west, introducing much milder air across northern France and in to the Channel and with it came a spell of heavy rain around dawn on the 10th. This rain did ease off through the morning and with clearer skies in the afternoon we reached 13°C, the warmest day of the year so far.

As 'Felix' deepened and moved closer to the mouth of the Channel through the 11th, so the winds locally freshened with outbreaks of showery rain through the evening. The rain became heavier overnight, together with hill fog patches before clearing shortly after dawn on the 12th.

Following the departure of 'Felix' to the east, a transient nose of high pressure brought brighter, clearer and drier conditions to much of northern France and the UK through the 13th. Further Atlantic systems were already starting to edge in from the west though, and by noon on the 14th fresh to strong south-easterly winds and thickening cloud heralded a further spell of rain later that afternoon, before clearing overnight. Blustery showers soon followed on for the 15th as the complex area of low pressure now covering most of the UK and near Atlantic stalled, having run up against an extensive blocking anticyclone centred over Siberia.

This high pressure started to influence our weather through the course of the 17th; heavy rain showers through the morning eased off by the afternoon and turned progressively to sleet and snow as air temperatures fell steadily away to be only just above freezing by late evening. This easterly flow continued through the 18th and into the 19th with hazy, misty conditions, periods of mostly light snow or sleet and temperatures hovering just above zero. By the start of the 20th that anticyclone had drifted sufficiently westward across the UK to effectively shut off the run of cold polar air to the Channel. We even managed a couple of days with no rainfall on the 20th, 21st and the daylight hours of the 22nd as that high continued on its way south and west.

By dawn on the 23rd we found ourselves back under the influence of further Atlantic low pressure as a compact little feature pushed in from the west to become slow moving in the Bay of Biscay. The associated fronts started to affect us locally by late afternoon with periods of rain through the evening, clearing overnight. As this low remained slow moving over central and western parts of France, so it started to fill and lose its identity. Extensive cloud spilling up from this low did reduce our sunshine totals over the next day or so until it moved gradually away to the east to be replaced, albeit temporarily, with a ridge of high pressure on the 26th. This ridge broke down by the end of the day with rain, drizzle and hill fog patches from late evening and overnight into the 27th as yet another complex area of low pressure swept in from the near Atlantic. The last few days of the month brought further unsettled conditions as we remained under the influence of this feature, with periods of rain and drizzle with hill fog patches, clearing to showers.

With much of March's weather dictated by Atlantic low pressure, it comes as no surprise that rainfall was well above the long term average, sunshine disappointingly scarce and temperatures pegged back with the cool start and chilly mid-section of the month. It was the coolest March since 2010, with the lowest minimum March temperature (-2.1°C on the 1st) since 1958. This was also the 3rd wettest March at the airport and the wettest March since 2001 with 20 wet days through the month. It was also the dullest March since 2013.

Again, with low pressure very much the dominant weather feature, we recorded the lowest March mean monthly sea level pressure since 1947 at 1000.7mb.

April 2018

Low pressure easing away eastward over the Low Countries and further low pressure covering Biscay and the near Atlantic opened the new month in a decidedly unsettled fashion, with a few light showers in the morning of the 1st then more persistent rain spreading in for the afternoon. Temperatures locally barely made it to 9°C and with over 10mm of rain, the first day of April turned out to be arguably the worst of the month. Gradually though, our winds settled in from the south, allowing air temperatures to pick up but it remained mostly cloudy and by mid-afternoon on the 2nd more showers assailed our shores, together with mist and hill fog adding to the misery.



Spectacular early morning complete double rainbow on the 1st looking west from Guernsey airport.

This extensive area of low pressure remained slow moving out in the near Atlantic, continuing to drag mild air up from the south for the next few days, with only limited sunshine and a generous smattering of showers, but at least temperatures had improved already from the previous month. Overnight in to the 5th saw the first real change as the last of the weather fronts associated with that low cleared away to the northeast, leaving us in a brighter, fresher, north-westerly airflow as a transient ridge of high pressure stretched up over France and into southern Britain. The islands enjoyed the first dry day in over 2 weeks with just under 10 hours of sunshine, although temperatures were reluctant to climb in to double figures.

As this high transferred away slowly eastward through the 6th, so high cloud began to spill in from the west as yet another complex area of low pressure began to make its presence felt. Temperatures picked up to 14.8°C by the day's end as our winds started to come up from the Mediterranean, making it the warmest day of the year so far. Gradually though, the cloud thickened and lowered through the 7th as those Atlantic fronts edged in, with a few spots of rain that morning before more general rain arrived in the small hours of the 8th. The warm front responsible was reluctant to clear away as the islands sat in a fairly stagnant northerly flow, with rain, drizzle, mist and hill fog patches throughout the day.

We fared little better the next day as perturbations rippled along the front, with some heavier bursts of rain during the early morning of the 10th, and still with the low cloud, mist and hill fog stubbornly refusing to clear. Indeed we had to wait until early afternoon on the 10th before briefly seeing some blue sky, but by late afternoon a band of heavy showers had settled in to the Channel adding a further third of an inch of rain to our already sodden gardens.

With the northern European weather charts still showing low pressure over southern France and Spain, and blocking high pressure over western Russia and northern Scandinavia, so the islands remained in a damp,

stagnant north-easterly airflow. The frontal system that had plagued us for the last 24 hours or so was now edging away northward to allow some welcome sunshine to break through during the 11th, albeit misty and hazy at times.

Overnight mist thickened in to fog by dawn on the 12th, disrupting the morning's air travel, but by late morning we were enjoying hazy sunshine, and that lasted through the afternoon as well. There was a similar pattern for the 13th as well, but with less fog early morning and better visibility generally through the day.

Low pressure out in the near Atlantic was starting to develop as we headed in to the weekend of the 14th and as it slowly edged in towards the UK, so our winds started backing off to the south-east, pulling up much warmer air from the Mediterranean. Temperatures topped out at 15.5°C by the end of the day, and with over 8 hours of sunshine, it really felt like Spring had finally arrived. Unfortunately it was a weekend of two halves as overnight in to the 15th that low pressure system stretched its weather fronts into south-western parts of the UK, with outbreaks of rain, drizzle and hill fog patches arriving locally by dawn on Sunday. This front did clear through quite readily though, turning showery by mid-afternoon, and then becoming fine by the evening.

High pressure was starting to establish itself over central Europe quite nicely by now, and with low pressure still out in the near Atlantic, warm dry air was being pulled up from the south. This led to steadily rising temperatures over the next couple of days, reaching the high teens or low twenties from the 17th to the 21st, together with improving amounts of sunshine.

Temperatures in the south-east of England on the 19th were the highest in April since 1949, topping out at some 29°C in London. Locally we reached 23.0°C on the 21st, the warmest April day since 2003, and the 2nd (equal) warmest April day at the airport. The period 16th to 23rd (inc) had no recordable rainfall, the driest period since the 3rd week of August last year, and after such a long winter it seemed Summer had arrived early!

Unstable air within the general circulation pushed some quite heavy showers in to the Channel overnight in to the 21st, with lightning out to the west and rain showers running up to the east as well. We managed to escape these showers and by dawn we were greeted with some spectacular cloud formations, together with one or two light rain showers. By the evening though, the winds had veered in to the southwest, bringing cooler, damper Atlantic air to our shores and an overnight return to more seasonable temperatures. So the 22nd saw the second half of the weekend cooler and cloudier with mist and hill fog patches through the day, clearing only slowly through the afternoon.

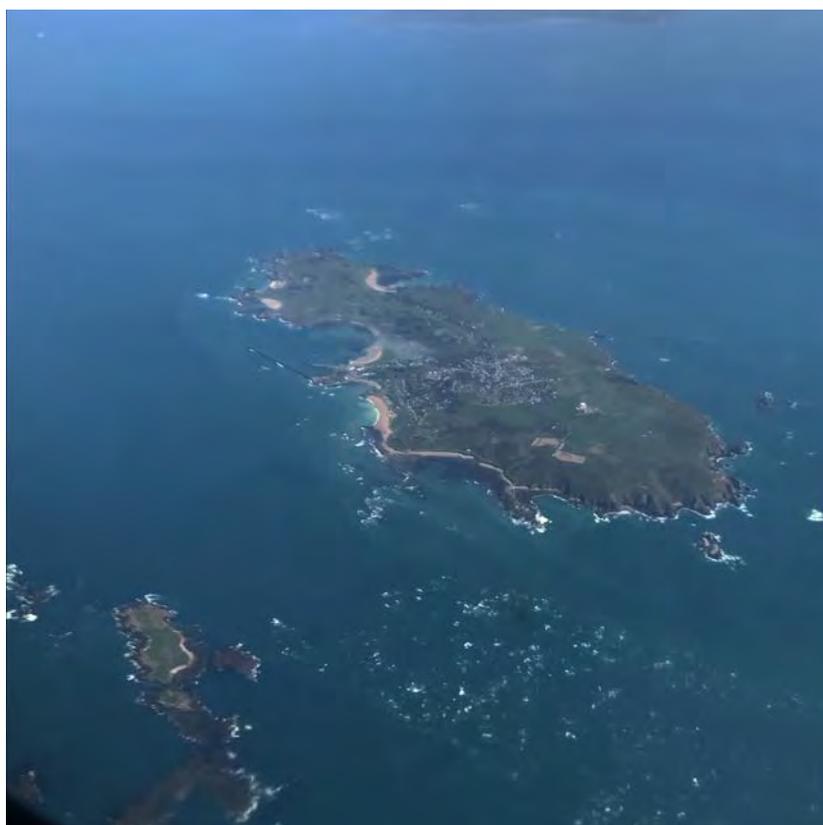
A series of weak Atlantic systems were now making in-roads to the British Isles, with a belt of more stable high pressure stretched across Biscay into central France. This anticyclone managed to keep the rain bearing fronts to the north of us as we enjoyed a quiet day through the 23rd but with temperatures some 10°C lower than 2 days previously. Those weather fronts dropped south to be nearer the islands for the 24th, introducing damper conditions with mist, fog and patchy drizzle through most of the morning, clearing for the afternoon before returning for the evening. The cold front finally cleared through us overnight in to the 25th leaving us with a dry, bright and mostly sunny couple of days with moderate westerly winds.

A small but vigorous depression out to the southwest was starting to push in across northern Biscay late on the 26th with rain arriving locally around dawn on the 27th lasting through most of the day with drizzle and mist towards evening. The last of this rain and drizzle with this system finally cleared through around dawn on the 28th, but the associated cloud shield was reluctant to move away until early evening.

The 29th dawned with a run of showers stretching down the Channel, just skirting our west coast as the previous day's low pressure became slow moving over Germany. These showers eased away by noon but another area of rain started to encroach from the southeast by the evening, but again just flirting with the islands before it too edged away into nearby France. A cooler north-westerly airflow ended the month as that low near Germany pulled cooler, clearer air down from Scandinavia with excellent visibility, although it did remain cloudy for the most part.

May 2018

A ridge of high pressure covering the British Isles opened up the new month with clear skies and excellent visibility locally, but temperatures a little disappointing, reaching only 12°C. The ridge transferred eastward through the day allowing Atlantic weather fronts to push in from the west, with cloud thickening and lowering through the evening with rain by midnight. These fronts were a little reluctant to clear through, with rain, drizzle and hill fog patches during the morning of the 2nd, but conditions did improve rapidly in the afternoon with plenty of blue sky for the second half of the day.



The beautiful island of Alderney enjoying a sunny afternoon on the 2nd

The Azores High began to build nicely from the south-west following the last of that rain, keeping the bulk of any Atlantic weather fronts well to the north of the islands and maintaining a quiet and dry spell until late on the 9th. Temperatures during this settled spell started to pick up nicely; on the 6th just making it to 20°C and then for Bank Holiday Monday (7th), we enjoyed plenty of warm sunshine and temperatures topping out at 24.5°C; the warmest May Day Bank Holiday since its inception in 1978. The heat was rather short-lived though, as 24 hours later we were back down to the mid-teens once more as our winds settled in from the cooler Atlantic.

Liberation Day itself was rather plagued by high cloud spilling in from the west as the Azores High broke down to allow low pressure to drop its fronts down across much of the UK with rain, briefly heavy, eventually arriving later that evening. By dawn on the 10th that rain had cleared well away to the east with clear skies as, once again, the British Isles came under the influence of a transient belt of high pressure. As the winds backed in to the southeast during the 11th, so cloud thickened and lowered during the day with the first of the rain arriving at our shores around mid-afternoon. This band of rain was fairly narrow and was through us by mid evening to leave us with mainly dry but cloudy conditions for the 12th. Showers pushing up over France eventually arrived in the Bailiwick later that evening, but for the most part they were fairly light.

The 13th dawned fairly bright and dry as pressure started to build up from the south-west allowing the islands to enjoy the start of a dry, settled but rather cool run of weather. Indeed air temperatures fell to just above 5°C that night with a touch of ground frost in sheltered spots around the island.

Cloudier conditions on the 16th briefly slowed the monthly sunshine total as a weak cold front dropped down across the Channel, but it remained dry as the winds settled in from the north-east as welcome high pressure settled atop the British Isles. This feature continued to dominate our weather locally and by the 19th we were averaging just less than 10 hours of sunshine a day for the month.

This dominating anticyclone did begin to edge away slowly north-eastward from the 20th as thundery low pressure began to push up from Spain and southern France. The islands remained in a fairly slack airflow though, with surface winds coming in from the north-east. Moist air arrived early on the 24th with low cloud, mist and haze thickening in to fog by the evening leading to the month's only sunless day.

Unsettled, thundery low pressure was by now stretching across much of central Europe with warm air locally feeding up from the south. This warm air arriving over the cool sea led to misty, hazy conditions around the coasts as well as overnight and early morning fog. Temperatures were steadily climbing by now, up to 20°C by the 26th but with more cloud in the general flow, sunshine was not quite as plentiful as earlier in the month.

The evening of the 26th saw a spectacular display of lightning with a series of thunderstorms pushing off the coast of France, across the Channel and into southern England. We escaped the worst of the rain from these storms but parts of the UK experienced flash flooding, particularly in parts of the Midlands. We recorded only 1.5mm of rain at the airport that evening; the first spell of recordable rain since the 11th.

Bank Holiday Monday on the 28th was very pleasant with temperatures up in the low 20's C as the islands continued to enjoy this quiet spell of weather.

As that high pressure cell slowly retreated away to the northeast, so we started to see a more hazy, misty and damp south-easterly airflow drifting in from the near continent with sunshine totals easing off, a smattering of light showers and patchy fog affecting the Bailiwick for the last few days of the month.

May will probably be best remembered as warm, dry and settled and indeed the monthly figures confirm it was the sunniest May since 2004 and the sunniest month at the airport since June 2015. The mean maximum temperature was the equal highest (with last year) for 10 years but cooler night temperatures meant the overall monthly mean temperature dropped May into the 'pleasant but not exceptional' category. The month's highest temperature of 24.5°C on the 7th was the warmest day in May for 8 years.

With only 13.1mm of rainfall for the month, it was the driest May in 20 years and the 4th driest May at the airport. It was also a noticeably quiet month for wind with a mean speed of only 8.1 knots (Force 3) making it the lowest mean May wind speed recorded at the airport.

Spring 2018 then, was overall pretty close to the 30 year average with a cool, wet and dull March, a warm but dull April pretty much balancing out a warm, sunny and dry May.

June 2018

The first month of summer opened up with unsettled, thundery low pressure covering much of France and Western Europe, with a slack pressure gradient across much of the UK. Initially the islands came under the influence of mild, damp air pushing up from Biscay, so low cloud, mist and hill fog patches greeted us on the morning of the 1st, but by late afternoon conditions had improved to see some sunshine into the evening.



Quiet conditions with medium level *Alto cumulus* clouds on the 2nd

Light winds and clear skies overnight into the 2nd saw some patchy shallow fog in places but this cleared readily as the sun came up to leave us with a fine, dry and warm day with temperatures just short of 20°C.

As low pressure in Biscay started to have more of an influence on our weather locally, so our winds settled into the northeast overnight in to the 3rd with a band of showers running down the channel to bring a series of sharp showers through the early morning, easing off by midday. Following these showers our visibility improved markedly with observers in Alderney being able to see both the north Brittany and southern UK coastlines.

High pressure to the north of the UK started to settle in by the 5th, though still with unsettled low pressure over central France, with bands of rain showers occasionally pushing up into the Channel. Damp, misty conditions prevailed locally with early fog that day, slowly clearing by noon. A cloudy afternoon with a sprinkling of light showers also ensured a sunless day in the islands. The north-easterly winds continued through in to the 6th, with mainly overcast conditions and temperatures reaching only 13.6°C, the lowest maximum temperature of the month.

The general weather pattern across Europe was changing only very slowly, still with high pressure to the north of the UK and unsettled, thundery low pressure over France and central Europe. The resulting damp, misty, north-easterly flow down the Channel kept temperatures pegged back to the mid to high teens, with sunshine amounts similarly disappointing. The exception was the 8th, when early mist and fog cleared away to allow a fine, warm day with plenty of welcome sunshine. Distant lightning was reported in the small hours of the 9th as

some heavier showers rumbled up over the islands, mostly clearing by the afternoon. The 10th enjoyed a similar day with cloud and mist through the day, with hill fog and drizzle in the morning.

Weather fronts over northern France remained slow moving over the next few days so sunshine became more plentiful, visibility improved but still with those north-easterly winds just keeping the temperatures below 20°C. By the 13th high pressure was starting to build to the south-west, introducing damper, cooler, Atlantic air across the UK with sea fog becoming extensive around the islands, encroaching inland at times. Storm 'Hector' made swift progress across northern parts of the UK during the 14th, with high winds and periods of heavy rain in more exposed areas. Locally we had only a morning of fog and drizzle to show from the storm, and by the afternoon we were enjoying clear skies and moderate westerly winds.

Further Atlantic fronts started to push in by the 16th, with periods of light rain, drizzle, mist and hill fog patches in the morning, clearing by the afternoon. A moist westerly airflow had by now become established across southern Britain and the Channel with low cloud, mist and patchy drizzle affecting the islands. The afternoons generally fared better with morning greyness giving way to warm sunshine before clouding up again through the evenings.

High pressure was starting to build out to the west by the 20th and as this anticyclone transferred eastward, so a drier, brighter more northerly airflow became established across the British Isles. So by dawn on the 21st, brighter and clearer conditions had arrived and temperatures started to pick up. The high settled over the UK for the remainder of the month, and from the 23rd we enjoyed temperatures in to the low to mid 20's with the warmest day of the month on the 26th, reaching 24.1°C.

From the 26th, the pressure gradient down the Channel increased with the north-easterly winds gusting up to F6. But by the 30th, the high was starting to transfer away northward, allowing thundery low pressure to push up from the south, with a band of showers just starting to push in to the Channel.

So after an indifferent start to the month, the last 10 days or so averaged just under 14 hours of daily sunshine and managed to take the month's total to just over the average. With only 9.2mm of rain, it was the driest June since 1996 and the 10 driest on record. Whilst the month was over a degree warmer than average and the 7th warmest on record, last June was warmer. We also enjoyed the sunniest day on the 26th since 2009.

July 2018

Following two very dry, warm and sunny months, there was some hope that we would see some significant rainfall in July to ease the parched ground and bring some welcome relief to plants and wildlife alike.

Unsettled, thundery low pressure over north-western France pushed a series of heavy showers into the Channel early on the 1st, but apart from a few light showers through the day, most of the larger storms passed us by. Temperatures continued in the warm category, reaching the low to mid 20°C's as the islands enjoyed a light to moderate easterly flow. These showers became more isolated through the 2nd as the bulk of the showers transferred northward towards the UK, but a slow moving occluded front stalled in the Channel during the 3rd with more frequent showers locally, together with mist and hill fog at times.

Pressure was beginning to build over the UK by the 4th, starting to settle our weather, with the last of the showers clearing away northward by mid-morning. By the 5th we were enjoying plenty of blue sky, although extensive seas fog in the Channel did occasionally encroach inland at times.

For the next 5 days that high pressure cell centred over the UK maintained a warm, dry and clear north-easterly flow down across the islands. Daily maximum temperatures continued to reach the low to mid 20°C's, with 28.1°C reached on the 8th, the warmest day of the summer so far. Conditions were not dissimilar across the UK and nearby Europe either, with dry, settled weather experienced by most but with temperatures starting to creep up in to the low 30°C's.

A shallow area of low pressure steered south over Scandinavia during the course of the 10th, with its associated weak cold front in the form of a band of cloud, clearing through the islands that morning. Very little changed locally over the next few days as the high pressure cell lost some of its identity and eased away to the southwest, with shallow low pressure introducing a slack gradient across much of the UK. The weekend of the 14th & 15th enjoyed unbroken sunshine with 30.0 hours total for the 2 days.



Visiting cruise liners enjoying perfect holiday weather off St Peter Port harbour on the 18th.

As we moved in to the new week so the north Atlantic weather charts were starting to show a fresher, westerly airflow trying to push in over Ireland and more western parts of the UK as a weak, showery cold front nudged closer to our shores. A cloudy morning on the 16th produced a light shower before conditions improved for the afternoon. A cloudy day followed on the 17th, again with a light morning shower, but dry and brighter conditions prevailed for the next few days before a more organised band of rain toppled in over the top of the high to bring us a smattering of showers in the small hours of the 21st; the first recordable rainfall since the 3rd of the month.

A series of weak Atlantic fronts were now pushing in from the northwest across much of the UK, but with the Azores High extending up from the southwest once again, we looked to be settling in to another run of dry, warm and settled weather. Indeed it wasn't until late in the day on the 26th that a series of isolated thundery cells rolled up from the south into our area bringing a chance of rain, but aside from a few rumbles and distant flashes, it remained dry.

After a mostly quiet, dry, warm and settled month, the last few days saw a change in the overall weather pattern for northern Europe as the dominant high pressure finally retreated away to the east allowing an Atlantic low to sweep in from the west. Showers arrived late in the day on the 27th and continued overnight in to the 28th. Winds settled in to the southwest and freshened, with the first gust recorded at the airport over 30 knots since April 4th. More general rain arrived in the early hours of the 29th as a secondary low swept in across southern England, the Channel and northern France, with that rain locally turning more to drizzle later in the day together with mist and hill fog patches. We did manage a few minutes of sunshine late in the day, but the 29th ended up being the wettest day of July, and also the only day of the month not to make over 20°C.

The rain cleared to showers overnight in to the 30th, still with those fresh and slightly cooler southwest winds, as the clearing cold front edged away to the east. High pressure built quickly behind the departing cold front with the 31st seeing a return to fine, sunny conditions to close out the month.

That last day's 14.1 hours of sunshine helped make this the sunniest July at the airport and the second sunniest since Guernsey sunshine records began in 1894. Whilst we didn't manage any days over 30°C, 36

consecutive days of maximum temperatures over 20°C finally ending on the 29th made this the warmest July since 2006 and the 3rd warmest July on record. It was also the first month with no sunless days since September 2016. Mean winds again were much lower than average at 7.1 knots for the month, the lowest July figure recorded since 1947.

August 2018

With the last few months being warm, dry and settled, there was some trepidation going in to the last month of summer as August has often been disappointing with poor temperatures, higher than average rainfall and less than satisfying sunshine totals. The north Atlantic charts initially suggested otherwise though, as we started the last month of summer off with a flat ridge of high pressure stretching up from the Azores with a series of swift moving fronts crossing northern and western parts of the UK.

Daytime temperatures kept up in to the low to mid 20's Celsius through the first week with light to moderate winds, plenty of sunshine and no rainfall. By the 7th though, that settling anticyclone was edging away to the east as Atlantic weather systems pushed in from the west. Early fog on the 7th cleared to a bright morning but a thundery trough moved up from northern France during the afternoon with some 2.5 hours of thunderstorms experienced locally. A few light showers that night eased away up the Channel during the morning of the 8th to leave us in a slightly cooler and fresher airflow with excellent visibility.

Low pressure was now very much in evidence across the UK with the associated weather fronts delivering much needed rainfall across the country. Overnight in to the 9th saw one such front drop just over 5mm of rain locally before clearing away to the east, and daytime temperatures pegged back to the mid-teens. Fresh south-westerly winds set in for the 10th as the more organised fronts moved away to the east, leaving us with a run of blustery showers and the highest wind gust (34 knots) since the 4th April.

The Atlantic weather charts still had a very mobile, unsettled look to them with low pressure very much in evidence out to the west, but a transient nose of high pressure stretching up from Biscay through the 11th brought quieter, but cloudy conditions and temperatures up in the low 20's. It was short respite though as by the 12th that ridge had transferred away eastward into Europe to allow a series of weather fronts to sweep in with the rain arriving at our shores by dawn that day. The clearing cold front went through us around mid-afternoon, but it remained mostly cloudy with a few light showers later that evening.

A better day ensued on the 13th as we sat favourably between systems, but a weak warm front arriving by noon on the 14th combined with building high pressure to the southwest introduced a much moister, mild westerly flow across the Bailiwick with mist, hill fog and patchy drizzle at times over the next couple of days. The bulk of the weather was now being steered to the north of us as France and central Europe enjoyed a blanket of high pressure that slowly edged its way eastward. By dawn on the 16th though, low cloud, rain, drizzle and hill fog had arrived on a cold front that swept in from the northwest overnight, but this mostly cleared through after lunch with a fine, but cooler evening to end the day.

With the Azores high pressure still dominant down to the southwest of us, we remained in a mild, westerly flow through the 17th, although extensive high cloud kept the edge off our temperatures. Thicker cloud during the morning of the 18th cleared later in the afternoon to leave us with a fine evening, but a glance at the Atlantic weather charts showed ex-hurricane 'Ernesto' ploughing in along the northern flank of that Azores high. This feature did manage to steer to the north of us, bringing strong winds and periods of heavy rain across the UK during the 19th, whilst we ended up with a mostly cloudy day with just a few spots of drizzle. The increased moisture levels in association with 'Ernesto' brought fog to higher ground locally by early afternoon and remained with us overnight in to the 20th. This fog was reluctant to clear, lifting only for a while through the afternoon before returning mid evening and becoming extensive overnight into the 21st. The 20th gave us our first sunless day in the islands since 10th June. A series of weak weather systems were now lining up out to

the west, bringing mild, cloudy, misty and occasionally drizzly conditions to the islands over the next few days. Temperatures ranged only 3 or 4 degrees from day to night and sunshine was at a premium.

By the afternoon of the 23rd however, a cold front cleared through from the northwest, introducing a cooler, fresher flow to our shores, albeit it with a smattering of showers later in the day of the 24th, occasionally blustery. Temperatures were now noticeably cooler than earlier in the month and with our air mass now briefly from a more northerly origin, the 25th saw the mercury struggling to reach 17°C but we did at least enjoy over 12 hours of sunshine.

Clear skies and light winds early that night saw grass temperatures fall to just 3.7°C but as dawn broke on the 26th more Atlantic fronts swept in from the west with outbreaks of rain and drizzle through the day, with mist and hill fog later that evening. The system responsible for this rather inclement spell was moving only slowly away eastward across the UK and by early on the 27th we returned once more to drier conditions, though still with plenty of cloud and rather disappointing temperatures.

Pressure did start to build from late on the 28th, from the southwest, as the Azores high made inroads towards the British Isles. This settled our weather down for the last couple of days of the month, with just a few light showers around noon on the 30th.

The month ended on a positive note though, with plenty of sunshine on the 31st and temperatures just creeping up over the 20°C barrier for the first time in 10 days.

August then was rather disappointing given the preceding 3 months, and despite a promising first week where temperatures consistently made the low to mid 20's and pretty much wall to wall sunshine, it seemed to all go downhill from the 8th. The month ended up warmer, drier but duller than the long term average but 14.6 hours of sunshine on the 2nd was the sunniest August day ever recorded at the Airport. A grass minimum temperature of 3.7°C on the 26th was the lowest such figure for August for 15 years.

Taking in to account temperature, sunshine and rainfall the summer of 2018 turned out to be the best since 1995, and the 3rd best recorded at the Airport. It was also the warmest since 2006, 4th equal at the Airport, but unusually we were unable to manage any temperatures over 30°C. June and July were very dry months with slightly more rain falling in August, overall making this the driest summer since 1989, and the 5th driest at the Airport.



Light winds and clear skies overnight on the 6th left early morning flights bathed in shallow fog at the airport.

September 2018

High pressure over Scandinavia extended down into the eastern Channel and northern France to open the new month, with light south-easterly winds, temperatures into the low 20's °C and plenty of sunshine. Atlantic fronts out to the west were held at bay by this anticyclone as the islands enjoyed a rather pleasant extension to an already very good summer.

Temperatures exceeded 20°C for the first 4 days before that anticyclone edged away eastward to be replaced by the slightly cooler Azores High during the 5th which still kept our weather pretty settled, but with the airflow now coming down from a more northerly direction, temperatures were only making the mid to high teens. A weak Atlantic system toppled down over the top of this high during the 6th with a band of mostly light showery rain reaching our shores that afternoon and again later that evening. By dawn on the 7th that band of rain had cleared away to the southeast and we were back in to our rather benign run of weather with the Azores High now the dominant feature across central Europe. This had the effect of squeezing any weather systems well away to the north over central and northern parts of the UK with a gentle south-westerly wind caressing the Bailiwick.

Mild temperatures, excellent visibility and low humidity air made for pleasant conditions for the next few days albeit with patchy high cloud at times.

By the 11th the Atlantic charts were showing an extensive cold front stretching from Scandinavia all the way back across southern Britain and on down in to the Azores as our settled belt of high pressure gradually slipped away into central Europe. Whilst we remained to the south of this front we enjoyed mild and gentle conditions, but to the north of this feature the air mass originated from more northern climes with cooler air temperatures. The front started to push through us overnight in to the 12th with outbreaks of rain and drizzle, together with mist and hill fog patches that morning. There was a very noticeable drop in temperature of about 5°C as the wind veered in to the north following the frontal clearance that afternoon, as the low cloud and rain gently eased away into the near continent.



Morning fog shrouding Alderney Airport on the 12th.

Rising pressure swiftly followed on behind this clearance as we returned once again to quiet, anticyclonic but slightly cooler conditions. Excellent visibility and clear skies even enabled us to enjoy a Green Flash at sunset on the 13th. Light showers skirted the west coast during the 14th but these had died away by the afternoon

leaving us in a dry, settled spell with patchy high cloud at times for the rest of the following week with temperatures back in to the low 20's as continental high pressure steered any inclement weather northward.

Ex-Tropical Storm 'Helene' appeared on our charts on the 16th, passing close to the Azores then tracking north into the mouth of the Channel before sweeping up the Irish Sea and then across northern parts of the UK. Periods of heavy rain and storm force winds affected large areas of northern Britain as 'Helene' headed out over the North Sea leaving a significant trail of disruption. Aside from an increasing swell pushing up the Channel though, we remained unaffected by this storm.

Storm 'Ali' was the first UK named storm of the 2018/19 storm season and first appeared on the North Atlantic weather charts on the 18th as it swept in from the west to affect Northern Ireland, Scotland and northern parts of the UK. Gusts of up to 91 mph were recorded in County Down, but again, we remained unaffected this far south.

Following swiftly on behind 'Ali' was 'Bronagh' which started deepening from an open wave depression early on the 20th out in the mid Atlantic, to sweep in across central and southern parts of the UK. Whilst not as damaging as the preceding storm, the Needles on the Isle of Wight recorded a 78 mph gust with disruption to cross channel ferries on the 21st. Winds started to increase locally from the south late on the 20th with rain arriving that evening before clearing through in the early hours of the 21st producing the highest gust of the month of 40 knots. Indeed it was the highest gust recorded at the airport since Valentine's Day way back in February! A strong westerly flow followed that clearance with a few blustery showers assailing our shores as 'Bronagh' barrelled away to the northeast.

High pressure briefly covered nearby France and the Channel later that day before a broad belt of rain swept in introducing a very mild air mass of tropical origin from the west, to affect us from just before dawn on Saturday 22nd. The rain became continuous through the morning, occasionally heavy before turning lighter with mist and hill fog patches affecting the higher parishes that afternoon. The system responsible was affecting mostly southern UK, the Channel and northern France and as a large anticyclone edged in from the near Atlantic, so this weather system was nudged away southward to be replaced by a much cooler, fresher, northerly flow by mid-morning on the 23rd. A temperature drop of some 5 °C was recorded as we changed over from the mild, damp, tropical air to the cooler flow from the north that morning. The 22nd ended up being the wettest day of the month and, with 20.1mm of rain, the wettest day since 1st March. It was also the only sunless day of September.

This cooler Atlantic high pressure system became the dominant feature for much of the UK and northern Europe for the next few days, with clear skies, light winds and plenty of sunshine through the day. With the cooler air mass though, overnight temperatures fell to single figures from the 24th to the 26th for the first time since May and daytime temperatures struggled in the mid-teens before picking up to the low 20's briefly on the 27th as the centre of the high slipped away eastward bringing up warmer air from the southeast.

A spectacular Harvest Moon was noted overnight in to the 25th as we enjoyed excellent visibility across the Bailiwick.

By the 27th the high was now dominating pretty much all of Europe, centred over Austria with any frontal activity confined to the far north of Scotland. A very weak cold front did start to make its way down across the UK late in the day of the 28th with winds freshening locally from the northeast, but by the time it reached our shores it had petered out sufficiently to be just a band of cloud. A further cold front during the 30th brought cloudier conditions to the islands, but again it was too weak to produce any meaningful rainfall.

September then was a typically transitional month with temperature starting off warm but sliding slowly downward with a noticeable chill in the air during the last week of the month. The warm start enabled the monthly mean maximum temperature to be over a degree warmer than average, although the chillier nights towards the latter part of the month pulled the mean minimum temperature down to the long term average.

The grass temperature fell to 1.6°C in the small hours of the 30th, the lowest September grass temperature for 15 years.

It was another dry month with nearly 60% of the month's total falling on the 22nd. It was also interesting to note that the last 5 month's total rainfall (May to September, inclusive) of 109.8mm was less than the total rainfall for just March this year at 112.6mm.

October 2018

Extensive high pressure out in the near Atlantic steered a cool, dry, northerly flow down across the UK and Bailiwick to start the new month. Excellent visibility was enjoyed by all until just before dawn on the 2nd when a series of weak weather fronts toppled over the top of that high, down across Britain and into the Channel. Outbreaks of rain and drizzle through the morning cleared by noon but it did remain cloudy for the rest of the day.

As that Atlantic high slipped eastward to be centred over Brest by noon on the 3rd, so conditions improved locally with clearing skies, improved visibility once again and lighter winds. As evening drew in, those light winds coupled with rising humidity levels lead to extensive fog across the islands which cleared shortly after dawn the following morning to eventually leave us with a very pleasant afternoon with plenty of blue sky on the 4th. As that high continued its progress eastward so our winds started to settle in from the southeast and by the early afternoon of the 5th temperatures reached 20°C at the airport. An extensive bank of sea fog to the north and west of the island started to encroach inland down the west coast that afternoon, eventually becoming quite thick overnight in places.

A marked change was happening out to the west by now as our previously dominating anticyclone slipped away further into eastern Europe, allowing a deepening wave depression in the Bay of Biscay to make progress towards the western Channel. This feature arrived mid-morning on Saturday 6th bringing outbreaks of rain, persistent through the day before finally clearing through that evening. Just over half an inch of rain was recorded by the time the clearance went through, with reports of localised flooding in numerous parts of the Bailiwick.

As that vigorous low pressure edged away eastward into central Europe, the strong northerly winds early on the 7th started to abate, the skies cleared and for the next four days we enjoyed much more benign conditions as high pressure became established across southern Britain. Temperatures had taken a brief tumble on the 7th, but managed to pick up by the 10th as much warmer air was pulled up from the Mediterranean on a light south-easterly, reaching the month's highest figure of 22.2°C that afternoon. Along with the warm air from the south came a scattering of showers that evening as a series of thundery troughs made their way up over France into the Channel. Impressive medium level *Alto cumulus Castellanus* clouds covered the late evening sky before clearing away northward overnight to be replaced with a more general band of rain as an Atlantic cold front stretched in from the west through the 11th. Persistent but mainly light rain that day cleared by the evening, but a glance at the north Atlantic weather charts showed a deep low pressure system making its way in towards the west coast of Ireland. Most of the rain stayed out to the west of us as that low stalled off the northwest of Scotland, but strong southerly winds and a large swell battered many parts of the western Channel. Temperatures were remarkably mild with both the 12th and 13th making it in to the low 20's C and we managed a reasonable amount of sunshine too.

A wave disturbance on that cold front slowed the clearance through us late on the 13th and into Sunday 14th, giving rise to persistent rain through the night, particularly heavy around dawn on the 14th to give us a 24 hour total of 30.5mm, the wettest day since 2nd August last year. This system then stalled just to the east of us with cloudy, misty and often damp conditions prevailing for a couple of days until a slow improvement late on the 16th.

High pressure was starting to nose its way in from the southwest by the 17th, slowly edging out those stubborn slow moving fronts lying along the Channel, and by the 19th we were enjoying clearer skies, drier conditions and lighter winds. With the high centred along the Channel, any Atlantic weather systems were steered well to the north, with just the odd patch of high cloud occasionally encroaching southward towards the islands.

A further, more extensive, cooler cell of high pressure was building out in the north Atlantic by the 21st, as a weak cold front made steady progress south across the UK to clear through us in the small hours of the 22nd with just a few spots of rain to celebrate its passing. The northerly airflow following this clearance was markedly cooler with daytime air temperatures barely making it in to the low teens for the next couple of days, together with cooler nights. Particularly splendid sunsets were enjoyed across many parts of the UK and the islands on the 23rd and 24th, with good visibility and extensive high cloud producing some stunning images.

Gradually though, that Atlantic high eased away westward, and with low pressure over the North Sea, we started to bring down a much colder Arctic Maritime airflow from the north, with snow showers falling across higher parts of Scotland. Daytime temperatures across much of the UK barely made double figures on the 26th, and by the 27th the cool snap had arrived in the Channel. A scattering of mostly light rain showers during the morning, turned to hail by the evening as top temperatures failed to make double figures for the first time since the end of April. Indeed a sharper hail shower that evening dropped the air temperature to just 3.9°C, the 2nd equal lowest October temperature recorded at the airport.

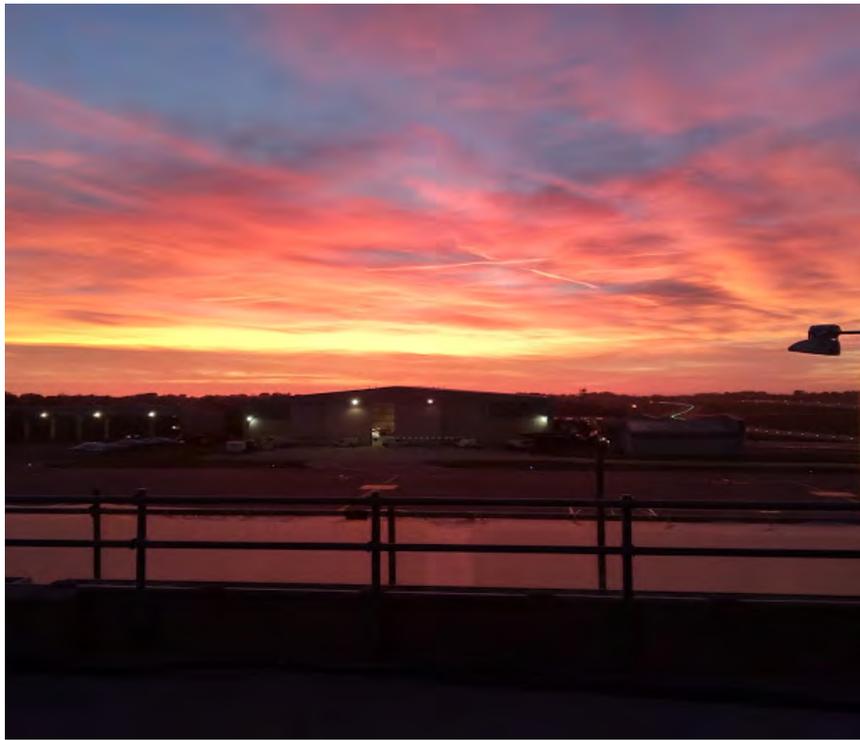
By the end of the weekend that cool Atlantic high was toppling away eastward and low pressure over Central Europe was exerting more of an influence locally as our winds veered more north-easterly. With the airflow now funnelling down the relatively warm Channel, so our air temperatures started to pick up a tad, but still with a smattering of rain showers. That area of low pressure over Central Europe continued to develop and move northward, moving through the Low Countries bringing quite stormy conditions there at times. Locally our winds backed more northerly again and the airflow dried out with excellent visibility being reported throughout the Bailiwick.

The last couple of days of October saw slack low pressure continue to cover much of the UK and nearby France but rather unusually we enjoyed a quiet end to the month although clear skies and light winds overnight into the 31st lead to our first ground frost of the season, and the first October ground frost since 2003.

Although we ended up with a healthy 72.0mm of rainfall for the month, 75% of that total fell over just 3 days and we still managed 19 days with no recordable rainfall.

Sunshine totals were well up on the long term average with this month being the sunniest October for 47 years, the 2nd sunniest at the airport and the 4th sunniest since records began locally way back in 1894.

Temperatures started off well, but the last week or so saw night temperatures dip, bringing the overall monthly figure pretty much back to the long term average. It was also another quiet month for wind, some 3 knots off what we would normally expect for mid-autumn.



Glorious sunset on Tuesday 23rd from Guernsey Airport ATC roof, with *Cirrus* cloud at 25,000 ft covering much of the celestial dome.

November 2018

An unsettled look to the North Atlantic weather charts greeted the new month, with low pressure in various states of activity covering much of the UK and the nearby Continent. A relatively cool, showery westerly flow was in evidence across the islands, with excellent visibility outside of the showers. As we moved into the 2nd so these bands of mostly light rain showers pushed away eastward, to be replaced by a transient ridge of high pressure covering much of the UK and northern France. Winds fell light, still with outstanding visibility and with sunshine aplenty it was a lovely day in the Bailiwick.

Clear skies and light winds that night saw air temperatures fall to just 7.3°C and grass temperatures dipping to just below freezing. This ridge of high pressure was already transferring away to the east by the 3rd though, as an extensive area of low pressure, with associated fronts, barrelled in from the west. Although its progress was slowed somewhat as it came up against the aforementioned anticyclone now centred over Poland, winds locally started to increase from the south and we saw outbreaks of mostly light rain and drizzle by the small hours of the 4th. The weather fronts bringing the rain gradually started to ease back west later that day, but it remained cloudy.

Extensive high pressure over western Russia was now starting to block any eastward progress of those Atlantic weather fronts, so most of Western Europe remained in a mild southerly drift with above average temperatures. Heavy overnight dews were reported on the 5th and 6th, a fairly frequent occurrence with this sort of airflow.

As the Atlantic low pressure systems, with associated fronts, edged eastward into the blocking Russian anticyclone late on the 6th, so our winds freshened from the southeast with rain arriving late that evening. These fronts had cleared through by the next morning, leaving us in a fresh, showery, south-westerly flow through the 7th. As the showers eased off through that afternoon, so our winds backed into the southeast once more, still fresh to strong at times. Low pressure was now the dominant feature across Central and Western

Europe, with a very unsettled look to the charts. Strong winds and periods of rain assailed our shores from late afternoon on the 9th, with the first gale recorded at the airport since 4th January early that evening. This unsettled, showery spell continued through the weekend until the 12th when the low off the northwest corner of Ireland started to fill and gradually ease away to the northeast.



A well-developed *Cumulonimbus* cloud producing a shower to the north of the island on the 12th.

A few showers passed through us in the small hours of the 13th as pressure was now starting to build over Poland, nudging any encroaching weather fronts up to the northwest of the islands, leading to quieter conditions locally, with more in the way of sunshine.

By the 15th the mild southerly drift induced by that near-stationary high over Eastern Europe was starting to pull in extensive fog and low cloud from nearby France. The fog quickly blanketed the islands by dawn on the 15th, leading to a morning of air travel disruption. Conditions improved by noon, although a thick veil of low cloud was maintained through the rest of the day. Fog returned again by dawn the next day, and apart from a brief clearance later that morning, it stayed foggy until later that evening. The fog did finally lift in the small hours of the 17th as our winds started to come in from the east, a drier and noticeably cooler direction for the start of the weekend.

That change in wind direction was due to the northward movement of that high formerly situated over Eastern Europe, and as the airflow was now originating from colder climes, so our temperatures started to fall away through the day, barely making 9°C by the end of play on the 17th. For the rest of the weekend we enjoyed a cool, fresh, dry easterly flow across the islands, with over 8 hours of sunshine on the Sunday.

Gradually though, low pressure over Central Europe started to encroach into the southern flank of that high parked up over Norway, and the result locally was twofold; more moisture was introduced into the airflow where the two systems merged, and also our surface winds backed into the northeast. With the winds now running down the still relatively warm English Channel, so a rash of heavy showers started to build upwind of the islands. The first of these showers arrived by late afternoon on the 19th, with some of the heavier bursts containing hail. Temperatures continued their steady slide too with the top temperatures on the 20th reaching only 6.6°C, and dropping to just 3.0°C overnight, the coolest night of the month.

As the high's influence over the nearby continent started to wane, shallow low pressure began to edge up from the south with thundery showers passing over the Bailiwick around dawn on the 21st. These showers eased away quickly through the morning to leave a brighter and drier day in the islands, although temperatures were still down slightly due to the moderate to fresh south-easterly winds.

The charts were starting to show a more unsettled look to them once more, with shallow low pressure out over Biscay steering a damp, misty flow across the Channel. By mid-afternoon on the 23rd a more organised band of showers arrived on our doorstep, stalled in the Channel and turned to persistent rain overnight, occasionally heavy at times before clearing away to the north by dawn on the 24th, to leave us with a couple of showery days in the islands.

Atlantic weather systems were starting to make their presence felt out to the west, with fronts nudging in towards the British Isles through the 26th. We managed an early ground frost that evening before cloud thickened and lowered after midnight with the first few spots of rain arriving by the early hours of the 27th. Fresh, occasionally strong south to south-westerly winds with outbreaks of rain, drizzle and mist swept the islands for the rest of the day, with conditions improving through daylight hours on the 28th, before more rain and strong winds barrelled in by mid-afternoon that day.

Storm Diana was responsible for this rather unsettled spell as it deepened and passed over Ireland and into Scotland, delivering swathes of heavy rain and gale force winds to many northern and western parts of the British Isles. As its associated cold front cleared through the islands mid-morning on the 29th, so our winds veered into the southwest, leaving us with a strong showery flow to finish off the last two days of the month.

The last month of Autumn proved to be slightly warmer than average, albeit with a cooler spell during the third week. The daytime maximum temperature on the 20th of just 5.2°C was the lowest recorded for November for 8 years. Rainfall amounts were low up until the 18th with the last eight days of the month producing more rainfall than the total for the three months May to July, inclusive. The month's rainfall total was very close to the average though, whilst 93.6 hours of sunshine made this the sunniest November since 2006.

Autumn itself ended up both warmer and drier than the long term average, although we have had warmer and drier Autumns in the last 5 years. Sunshine totals however, made this the sunniest Autumn since 1971 and the 3rd sunniest at the airport.

December 2018

A daisy chain of low pressure systems stretching across the north Atlantic opened the first month of winter, with mild, damp, windy and overcast conditions affecting the British Isles and northern Europe. Temperatures were some 3 degrees above average but that was small consolation for islanders, with no sunshine recorded over the first couple of days of December.

Outbreaks of rain and drizzle, together with mist and hill fog patches prevailed through the 1st and into the 2nd as a series of fronts swept across the UK. A brief clearance for the afternoon of the 3rd led to a scattering of showers as a cold front edged away to the south, with a short-lived ridge of high pressure bringing some respite through daylight hours of the 4th. Shortly after dark that evening however, another warm front pushed in from Biscay to bring outbreaks of rain, drizzle and hill fog patches overnight into the 5th.

Wide warm sector conditions prevailed through the next morning, still with above average temperatures, until the associated cold front cleared through from the west that afternoon with some heavier bursts of rain. The 6th brought little change to the Bailiwick as the moist westerly flow continued across the UK, with overcast skies, outbreaks of rain and drizzle, and hill fog patches later that evening. Up to the 6th only two days had managed any sunshine and we hadn't had a day without rainfall since the 21st of last month.

A particularly vigorous depression had barrelled in from the north Atlantic to be off the top of Scotland by the 7th, with very strong winds sweeping across the UK and Channel. The associated cold front from this feature cleared through the Bailiwick around mid-morning on the 7th, with a rapid 70° wind veer and 2 °C drop in air

temperatures as it went through. The winds continued to strengthen through the day, from the west, gusting to F9 by early evening. Heavy showers of rain and hail were also recorded that afternoon.

As that low became quasi-stationary in the North Sea, so further Atlantic systems swept in from the west to bring further strong winds and swathes of rain across the British Isles. Early showers on the 8th gave way to more general rain and drizzle by mid-morning, before clearing once more to showers that afternoon. Overnight in to the 9th, those showers turned heavier, with hail at times and the winds strengthened to a full gale just before midnight, with gusts now up to F10.

The complex low pressure area over the North Sea was starting to ease away eastward during the 9th, allowing a more northerly run of winds to drop down across the UK. High pressure near the Azores was also starting to nudge in from the southwest, with a promise of more settled weather locally, as we moved in to the 10th.

Indeed, clear skies and light north-westerly winds greeted the new week, as that high pressure cell built from the southwest, keeping any errant weather fronts away to the northwest. Unfortunately, that high itself was moving away eastward, to eventually become slow moving over Scandinavia. Cloud started to thicken from the west late on the 10th, but it remained dry overnight and into the 11th. That blocking high out to the east intensified and started to introduce a colder air mass across northern and eastern parts of Europe. Atlantic fronts out to the west slowed their progress eastward as they came up against this high, and the result locally was patchy cloud and a cool, freshening wind from the southeast overnight in to the 12th.

With milder Atlantic air now being held out to the west by the blocking anticyclone over Norway, the cold, dry air started to take a toll on our temperatures. The mercury started to drop away through the 12th and overnight into the 13th with just 4°C to greet us by dawn that day. The strong southeast winds added to the discomfort with the wind chill taking the apparent temperature down to -5°C. Overcast conditions through both these days added to the gloom, but it did stay dry for the most part.

By dawn on the 14th those Atlantic fronts were just starting to edge towards us as the high over western Russia retreated slowly eastward, but not before air temperatures recorded at the airport dropped to just +1.5°C in the early hours. Cloud started to thicken and lower that afternoon as those weather fronts neared our shores and it stayed cold with the day's top temperature making only 4.9°C. Early in the morning of the 15th saw the first of the rain arriving as Storm Deidre swept in across the country, with fresh south-westerly winds and persistent rain for most of the day, before clearing late that afternoon. Temperatures had recovered nicely though, back in to double figures by that evening.

A run of blustery showers saw us through the 16th, but these became isolated by the early hours of the 17th as a transient ridge of high pressure briefly covered northern France, leaving us with a brighter day, and with 3.7 hours of sunshine, the sunniest day of a dull month so far. Low pressure still covered much of the near Atlantic and by dawn on the 17th more persistent rain swept in on a cold front from the west with strong south-easterly winds, before clearing early that evening. More blustery showers followed on behind this clearance, some of which fell as hail late on the 19th, with a thunderstorm recorded around 0100hrs on the 20th.



Colourful *Cirrus* clouds shortly after sunset on the 19th.

After a bright and breezy day on the 20th, further frontal activity pushed up the Channel that evening with mist, drizzle and hill fog patches overnight. The cold front was rather reluctant to clear during the morning of the 21st, becoming slow moving along the Channel before edging away to the southeast during the late afternoon to leave us with a few isolated rain showers that night and through the 22nd. Mild south-westerly air continued to cover much of the UK with temperatures generally well above average, as that daisy chain of Atlantic low pressure systems continued to be the main influence on our weather.

Outbreaks of heavy rain and drizzle arrived overnight in to the 23rd as yet another series of fronts rolled in across southern Britain and the Channel, with mist and extensive hill fog proving problematical to air travel at times through the day. However, high pressure was starting to build to the northwest of Scotland by now, forcing cooler and drier air down across the country. The slow moving fronts lying along the Channel were reluctant to clear though, and Christmas Eve was another dull and misty day with patchy hill fog and drizzle in the morning. Finally, overnight into Christmas Day the murky conditions lifted, with improved visibility through the 25th, although it did remain overcast.

High pressure was very much in control of the UK weather by now, centred over north-eastern Europe, and that slow moving weather front that had been plaguing us for the last few days finally edged away to the northwest. As the skies cleared overnight into Boxing Day, so air temperatures fell sharply with a ground frost in places early that morning. Cooler, brighter and drier conditions were being fed in across the Bailiwick over the next day or so, with the 27th providing us with the sunniest day of the month at 4.5 hours.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2018	DIFFERENCE FROM AVERAGE	2018	PERCENTAGE OF AVERAGE	2018	PERCENTAGE OF AVERAGE
JAN	8.2	+1.3	120.0	129.7	54.1	88.7
FEB	5.1	-1.4	53.4	76.1	130.5	152.1
MAR	6.9	-0.9	112.6	168.1	95.1	74.5
APR	10.7	+1.5	51.1	96.2	157.4	80.8
MAY	12.9	+0.9	13.1	25.7	284.7	121.4
JUN	15.7	+1.2	9.2	20.2	256.6	104.1
JUL	18.6	+2.1	20.8	49.4	340.5	135.8
AUG	17.3	+0.4	32.2	67.5	187.5	81.5
SEP	16.0	+0.6	34.5	60.0	207.3	115.1
OCT	13.1	+0.1	72.0	75.9	173.2	147.9
NOV	10.4	+0.5	103.8	99.5	93.6	120.3
DEC	9.5	+1.8	96.8	85.7	35.5	61.0
YEAR	12.1	+0.7	719.5	85.7	2016.0	107.9

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2018	DATE	2018	AVERAGE 1981-2010	2018	AVERAGE 1981-2010
JAN	54.1	61.0	112.8	1998	26.0	1966	6.5	10th	20.1	22.7	11	10.1
FEB	130.5	85.6	143.9	2008	36.1	1976	9.8	25th	44.3	29.1	4	6.3
MAR	95.1	127.6	214.8	2009	67.4	1964	9.1	7th	25.9	34.7	6	5.5
APR	157.4	194.7	280.4	1984	122.2	1981	13.2	19th	38.5	47.7	4	2.5
MAY	284.7	234.5	336.4	1989	136.9	1981	14.5	20th	60.2	49.6	1	1.8
JUN	256.6	246.6	355.3	1975	147.8	1977	15.2	26th	53.3	51.2	2	1.9
JUL	340.5	250.7	335.9	1959	167.7	1972	15.0	14th, 15th	70.3	51.7	0	1.4
AUG	187.5	230.1	323.0	1955	139.2	1992	14.6 *	2nd	42.4	52.0	3	1.2
SEP	207.3	180.1	266.5	1959	104.5	1956	11.3	25th	55.0	47.8	1	2.3
OCT	173.2	117.1	176.4	1971	72.6	1968	10.0	5th, 9th, 21st	52.3	35.3	3	4.6
NOV	93.6	77.8	123.6	2006	38.9	1981	8.4	2nd	34.5	28.7	5	6.9
DEC	35.5	58.2	108.9	2001	26.6	1966	4.5	28th	13.9	22.8	15	11.0
YEAR	2016.0	1864.0	2262.8	1959	1532.5	1981	15.2	26-Jun	45.2	41.8	55	56.8

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.
JAN	1013.1	1017.9	1030.5	1992	1001.1	1948	1045.9	30/1989	0945	966.6	20/1965	1220
FEB	1017.2	1018.0	1032.1	1959	1000.6	2014	1047.5	7/1964	1050	952.5	25/1989	1050
MAR	1000.7 *	1017.0	1029.9	1953	1003.0	1947	1047.7	3/1990	0930	969.6	13/1951	1630
APR	1010.8	1015.1	1025.1	1954	1002.6	1998	1040.2	10/1947	0800	979.5	16/1998	1620
MAY	1018.0	1016.0	1025.3	1991	1007.6	1983	1039.8	Dec-12	1045	981.3	5/2004	2350
JUN	1019.7	1018.0	1024.5	1962	1009.5	1997	1037.5	14/1959	0850	988.9	9/1954	1500
JUL	1017.3	1017.7	1023.5	1969	1013.9	1988	1034.5	12/1969	1150	986.6	3/1988	0845
AUG	1019.1	1017.3	1022.0	1981	1011.9	1963	1036.1	12/1949	0930	982.3	9/1948	0000
SEP	1022.8	1017.2	1024.2	1977	1009.9	1999	1037.3	22/1947	0700	974.7	13/1993	0630
OCT	1018.7	1014.8	1024.5	1971	1003.9	1960	1040.0	26/1969	2200	959.5	16/1987	0200
NOV	1011.4	1015.3	1026.2	1978	1001.5	2000	1041.9	2/2001	0850	963.2	9/2011	0300
DEC	1019.0	1016.4	1029.5	1991	1000.6	1978	1046.0	25/1991	0950	964.2	8/1954	1450
YEAR	1015.7	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)	
	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2018	DATE	2018	AVERAGE 1981-2010	2018	AVERAGE 1981-2010
JAN	120.0	92.5	210.0	2001	15.4	1992	22.2	3rd	24	19.3	19	14.6
FEB	53.4	70.2	182.8	1978	4.8	1965	9.2	14th	16	15.7	13	11.3
MAR	112.6	67.0	179.6	2001	2.7	1961	24.4	1st	24	15.9	20	11.5
APR	51.1	53.1	130.4	1966	2.9	1980	10.8	1st	14	13.2	9	9.7
MAY	13.1	50.9	128.7	1994	4.1	1989	3.5	11th	6	11.9	6	8.5
JUN	9.2	45.5	129.7	1986	0.6	1976	3.7	2nd	8	10.4	3	7.1
JUL	20.8	42.1	120.2	1960	3.9	1999	9.2	28th	7	11.0	6	7.5
AUG	32.2	47.7	122.0	1951	3.8	1955	6.2	12th	12	10.6	8	7.6
SEP	34.5	57.5	194.5	1952	6.9	1997	20.1	22nd	6	12.4	5	9.0
OCT	72.0	94.8	233.9	1960	3.4	1978	30.5	13th	11	17.3	5	13.3
NOV	103.8	104.3	234.5	2009	16.1	1978	15.6	20th	18	18.8	15	15.0
DEC	96.8	112.9	249.6	1999	28.1	1953	12.5	22nd	19	18.6	17	15.5
YEAR	719.5	838.7	1317.0	1960	531.3	1989	30.5	13-Oct	165	175.0	126	130.5

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2018	AVERAGE 1981-2010	2018	DATE	RECORD HIGHEST	DATE	2018	AVERAGE 1981-2010	2018	DATE	RECORD LOWEST	DATE
JAN	10.1	8.7	12.9	3rd	13.3	4/48,9/07	6.3	5.0	2.9	17th	-7.8	20/1963
FEB	7.1	8.4	10.4	Vrs	15.0	29/1948	3.1	4.6	-3.7	28th	-7.2	21/48,7/91
MAR	8.9	10.0	13.0	10th	19.4	29/1965	4.8	5.6	-2.1	1st	-2.2	10,11/1958
APR	13.3	11.8	23.0	21st	24.3	16/2003	8.0	6.6	4.5	1st	-1.4	11/1986
MAY	16.2	14.9	24.5	7th	25.9	30/2003	9.6	9.2	5.4	13th	0.1	2/1979
JUN	18.8	17.5	24.1	26th	30.8	26/1976	12.5	11.5	10.1	23rd	5.4	1/1975
JUL	22.5	19.5	28.1	8th	32.6	19/2016	14.7	13.6	12.3	11th	8.3	8/1954
AUG	20.2	19.8	26.0	3rd	34.3	9/2003	14.4	14.1	11.1	26th	9.2	28/1986
SEP	19.1	18.0	23.4	2nd	30.6	2/1961	13.0	12.9	8.4	25th	5.8	28/1974
OCT	15.7	15.1	22.2	10th	23.6	1/2011	10.5	10.8	3.9	27th	3.5	28/2003
NOV	12.1	11.8	14.7	6th	18.0	1/2015	8.6	8.1	3.0	20th	-0.8	28/2010
DEC	11.0	9.5	13.6	3rd	15.6	6/1953	7.9	6.0	1.5	14th	-3.8	24/1963
YEAR	14.4	13.8	28.1	08-Aug	34.3	09/08/03	9.5	9.0	-3.7	28-Feb	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	8.2	6.9	9.0	2007	1.5	1963	3.8	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	5.1	6.5	9.0	1990	1.5	1986	4.0	3.8	4.7	2008	3.0	1986
MAR	6.9	7.8	10.3	1957	4.4	1962	4.1	4.4	6.4	1953	3.7	1964,81,88
APR	10.7	9.2	12.0	2011	6.4	1986	5.3	5.0	7.1	2011	3.7	1994
MAY	12.9	12.1	13.9	1989	9.9	1984	6.6	5.7	7.3	1989	4.6	1981
JUN	15.7	14.5	16.7	1976	11.3	1972	6.3	5.8	8.3	1976	4.1	1977
JUL	18.6	16.6	19.4	1983	13.8	1954	7.8	6.0	7.9	1983	4.4	1954
AUG	17.3	16.9	19.3	2003	14.3	1956	5.8	5.8	7.3	1955	4.3	1958
SEP	16.0	15.5	17.5	1949	12.8	1986	6.1	5.0	6.1	1961	3.6	1967
OCT	13.1	13.0	15.2	2001	9.6	1974	5.2	4.1	5.1	1947	3.5	1968
NOV	10.4	10.0	12.0	1994	7.7	1993	3.5	3.7	4.9	1969	2.8	1994
DEC	9.5	7.8	10.1	1953	4.4	2010	3.1	3.6	4.5	1968	2.8	1987
YEAR	12.1	11.4	12.4	2014	9.6	1963	4.9	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2018	DATE	RECORD LOWEST	DATE	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	0.8	27th	-10.0	29/1947	0	1.6	16	1963	0	7.1	20	1985
FEB	-5.6	8th	-11.1	12/1978	3	1.9	18	1986	10	8.5	24	1956
MAR	-4.9	1st	-9.4	3/1965	1	0.3	4	1947	3	6.8	18	1955
APR	0.1	1st	-7.0	5/1990	0	0.0	1	1978,86	0	4.7	10	1984
MAY	0.8	13th	-5.6	5/1979	0	0.0	--	--	0	1.5	9	1979
JUN	3.6	15th	-3.0	14/1987	0	0.0	--	--	0	0.3	3	1987,89
JUL	7.2	11th	1.0	7/1996	0	0.0	--	--	0	0.0	--	--
AUG	3.7	26th	0.8	11/1981	0	0.0	--	--	0	0.0	--	--
SEP	1.6	30th	-1.0	23/1979	0	0.0	--	--	0	0.1	1	1979,86,87
OCT	-0.8	31st	-4.0	30/1983	0	0.0	--	--	1	1.0	6	1992
NOV	-1.0	27th	-5.6	29/1987	0	0.1	2	2010	2	3.3	9	1988
DEC	-1.9	28th	-8.9	29/1964,27/1995	0	0.5	5	1970	4	6.2	13	2010
YEAR	-5.6	08-Feb	-11.1	12/02/1978	0	4.5	31	1963	20	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	11	6.5	13	1955,82	2	1963,67,72,74,92	0	0.6	4	1979,98
FEB	6	6.6	15	1979	0	1969	0	0.6	3	1957,89
MAR	8	8.5	16	1960,94	0	1968,73	0	0.5	4	1958,67,82,87,95
APR	9	6.7	16	1963	2	1976,90	0	0.8	4	1981,95
MAY	10	7.7	19	1964	2	1988	1	1.1	4	1950,71
JUN	12	9.3	18	1965,2016	1	1975	0	1.4	6	1982
JUL	8	10.0	20	1972,78	3	2008	1	1.4	5	1982,94
AUG	11	9.2	21	1997	2	1976	1	1.2	5	1974
SEP	3	5.4	15	1987	0	1952,53,72	0	0.8	10	1976
OCT	5	4.1	17	1986	0	-	0	1.3	5	1964
NOV	4	3.3	14	1992	0	-	1	0.9	4	1969
DEC	12	4.5	11	1995	0	1947,64,75	1	1.0	4	1976,93
YEAR	99	81.7	115	1994	52	2008	5	11.6	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	0	2.8	12	1963,85	9	5.1	13	1984,85	0	1955,64,70,92,93
FEB	6	4.0	18	1956	10	4.8	18	2014	0	-
MAR	5	1.3	10	1962,70	3	3.9	10	2008	0	-
APR	0	0.6	4	1970	0	2.6	10	1994	0	-
MAY	0	0.0	3	1979	0	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	-	-	3	1.6	7	1992	0	-
NOV	0	0.5	6	2010	1	3.8	11	2000	0	1948,55,83,94,95
DEC	0	1.7	10	2010	4	4.7	13	2009	0	1964,68,75,2016
YEAR	11	11.0	33	2010	30	27.7	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2018	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2018	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	24	31	1948	4	1992	19	28	1948	3	1992
FEB	16	26	1970,95	2	1959	13	23	1951	1	1965
MAR	24	27	1979	3	1961	20	21	1947	1	1961
APR	14	21	1983	2	2011	9	18	1966	1	1976,'80,'11
MAY	6	26	1981	2	1989	6	19	1981	1	1989
JUN	8	21	1991	3	1975,76	3	14	1987,91	0	1976
JUL	7	20	1960,07	3	1999	6	15	1950,07	1	1999
AUG	12	21	1963	1	1976	8	18	1992	1	1955,76
SEP	6	23	1950,52	4	1959,97	5	21	1950	2	1959,97
OCT	11	28	1981	5	1965,78	5	24	1981	1	1978
NOV	18	28	2009	8	1978	15	26	2009	5	1988
DEC	19	28	1993	8	1991	17	26	1959	5	1991
YEAR	165	212	1960	138	1971	126	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2018	AVERAGE 1981-2010	2018	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2018	DATE	RECORD HIGHEST	DATE
JAN	15.6	14.2	2	2.1	11	1984	53	3rd	77	25/1990
FEB	12.6	13.1	0	1.1	10	1990	46	13th	69	9/1988,11/1990
MAR	12.0	12.3	0	0.6	6	1980	39	2nd	70	10/1982
APR	9.7	11.4	0	0.2	2	1964,72,83,94	35	4th	60	9/1994
MAY	8.1	10.9	0	0.2	2	2007	28	16th	58	19/1996
JUN	9.3	10.1	0	0.0	0	-	28	29th	51	16/1965
JUL	7.1 *	10.2	0	0.0	1	1956,69	32	28th	63	31/1983
AUG	8.7	9.7	0	0.0	1	1956,61,86	34	10th	52	26/1986
SEP	9.6	10.8	0	0.1	2	1953,65,74,83	40	21st	60	29/1962
OCT	9.4	12.4	0	0.9	4	1967,76	39	7th	81	16/1987
NOV	13.4	13.0	1	0.8	8	1977	47	9th	73	23/1984,20/2016
DEC	14.2	13.7	1	1.8	9	1979	48	9th	83	15/1979
YEAR	10.8	11.8	4	7.8	20	1972	53	03-Jan	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

2018 MONTH	DIRECTION RANGE		350	020	050	080	110	140	170	200	230	260	290	320	SPEED ONLY
	SPEED RANGE		-010	-040	-070	-100	-130	-160	-190	-220	-250	-280	-310	-340	
JAN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.4
	4-10	knots	0.9	1.6	1.7	2.0	1.5	1.6	0.9	1.3	2.0	0.9	0.8	0.7	16.1
	11-21	knots	0.4	0.3	3.8	1.3	1.7	4.4	2.4	9.0	14.5	13.0	7.8	0.9	59.7
	22-33	knots	0	0	1.3	0	0	0	0	0.3	5.1	10.1	2.7	0	19.5
	≥34	knots	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0.3
	DIRECTION ONLY		1.3	1.9	6.9	3.4	3.2	6.0	3.4	10.6	21.8	24.2	11.3	1.6	
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.0
	4-10	knots	1.2	1.2	4.3	3.1	1.2	1.0	0.6	1.9	1.3	3.0	6.0	3.1	28.0
	11-21	knots	9.4	4.2	10.9	11.8	0.6	1.2	2.5	4.8	2.8	2.1	6.8	9.4	66.4
	22-33	knots	0	0	0	0	0	0	2.2	0	0	0.3	0.1	0	2.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		10.6	5.4	15.2	14.9	1.8	2.2	5.4	6.7	4.2	5.4	12.9	12.5	
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.0
	4-10	knots	1.3	4.2	1.5	1.2	3.6	3.5	4.3	3.0	1.9	2.3	5.6	2.2	34.5
	11-21	knots	0.3	5.0	4.3	4.6	3.6	12.5	7.3	5.1	6.9	7.3	5.8	0.3	62.8
	22-33	knots	0	0	0	0.1	0	0	0.4	0	0	0.1	0	0	0.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.6	9.1	5.8	5.9	7.3	16.0	12.0	8.1	8.7	9.7	11.4	2.4	
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10	knots	3.1	8.8	6.3	3.8	5.0	5.8	3.5	2.5	1.7	3.8	6.4	2.2	52.6
	11-21	knots	1.9	1.7	1.0	0.1	3.1	7.9	9.7	2.1	7.6	5.4	1.9	1.0	43.5
	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		5.0	10.4	7.2	3.9	8.1	13.8	13.2	4.6	9.3	9.2	8.3	3.2	
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.7
	4-10	knots	5.6	14.0	18.5	2.8	2.4	5.8	1.3	0.5	2.4	3.8	7.9	7.7	72.8
	11-21	knots	0	2.4	6.3	0	0	2.7	2.0	0.5	1.1	1.6	5.0	0.8	22.4
	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		5.6	16.4	24.9	2.8	2.4	8.5	3.4	1.1	3.5	5.4	12.9	8.5	
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.9
	4-10	knots	4.4	11.0	19.0	3.2	1.8	0.7	0.3	3.8	5.8	1.8	3.2	2.2	57.2
	11-21	knots	1.5	1.9	21.4	0	0	0	0	2.2	6.5	6.3	0	0	39.9
	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		6.0	12.9	40.4	3.2	1.8	0.7	0.3	6.0	12.4	8.1	3.2	2.2	
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	11.4
	4-10	knots	13.6	9.5	7.9	1.3	2.0	3.6	2.7	3.5	8.1	7.1	7.1	6.6	73.1
	11-21	knots	0	0.4	2.6	0.7	0	0.3	1.9	3.0	3.6	2.2	0.9	0	15.5
	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		13.6	9.9	10.5	2.0	2.0	3.9	4.6	6.5	11.7	9.3	8.1	6.6	
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.9
	4-10	knots	8.9	7.3	2.2	0.8	1.1	0.4	2.0	2.2	7.5	13.4	9.5	7.7	62.9
	11-21	knots	0.1	0	0	0	0.1	0.8	1.2	2.3	10.8	12.0	3.9	0	31.2
	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		9.0	7.3	2.2	0.8	1.2	1.2	3.2	4.4	18.3	25.4	13.4	7.7	
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.6
	4-10	knots	6.7	11.7	5.4	6.0	3.9	4.9	2.4	4.0	4.2	5.8	3.9	3.3	62.1
	11-21	knots	2.1	0.6	2.6	0.7	0.4	1.3	1.3	7.4	8.6	5.4	2.5	1.1	33.9
	22-33	knots	0	0	0	0	0	0	0	0	1.1	0.3	0	0	1.4
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		8.8	12.2	8.1	6.7	4.3	6.1	3.6	11.4	13.9	11.5	6.4	4.4	
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.1
	4-10	knots	6.2	7.7	6.7	2.3	4.8	5.0	3.4	1.1	2.6	2.7	6.7	5.8	54.8
	11-21	knots	5.6	9.0	1.3	0	1.7	5.6	4.7	1.3	0.4	1.3	4.0	1.9	37.1
	22-33	knots	0.9	0	0	0	0	0	0	0	0	0	0	0	0.9
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		12.8	16.7	8.1	2.3	6.6	10.6	8.1	2.4	3.0	4.0	10.8	7.7	
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.4
	4-10	knots	2.4	2.1	3.6	1.5	2.9	4.9	3.2	1.5	1.0	0.1	1.0	0.8	25.0
	11-21	knots	0	0	3.2	6.5	6.0	10.6	13.6	15.3	7.1	3.2	1.1	0	66.5
	22-33	knots	0	0	0	0.1	0	0.6	3.5	1.1	0.7	0.1	0	0	6.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.4	2.1	6.8	8.2	8.9	16.0	20.3	17.9	8.8	3.5	2.1	0.8	
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.3
	4-10	knots	0.7	0.1	0.1	1.3	4.2	5.0	0.9	0.3	0.3	2.7	6.5	1.6	23.7
	11-21	knots	0	0	0	1.1	4.3	7.3	5.5	7.0	14.0	10.5	3.1	0	52.7
	22-33	knots	0	0	0	0	0.3	1.1	1.5	0.5	5.5	6.6	0.9	0	16.4
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		0.7	0.1	0.1	2.4	8.7	13.3	7.9	7.8	19.8	19.8	10.5	1.6	
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.8
	4-10	knots	4.6	6.6	6.4	2.4	2.9	3.5	2.1	2.1	3.2	4.0	5.4	3.7	47.0
	11-21	knots	1.7	2.1	4.7	2.2	1.8	4.6	4.3	5.0	7.0	5.9	3.6	1.2	44.1
	22-33	knots	0	0	0.1	0	0	0.1	0.6	0.2	1.1	1.5	0.3	0	4.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		7.1	9.5	11.7	4.8	4.8	8.5	7.3	7.4	11.7	11.8	9.8	5.5	

GUERNSEY AIRPORT MET OFFICE 2018

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1			0.5			4.5						8.5	
2	0.5			0.5	1.0							2.0	
3							0.5						
4					0.5		0.5	1.0		2.5			
5						1.0				0.5		0.5	
6			0.5					0.5		0.5		0.5	
7								1.0					
8					2.5								
9			4.0	14.0									
10		5.0		1.0		4.0							
11													
12				2.5					2.0				
13				0.5									
14		3.5				1.5							
15	1.0			2.5						0.5	7.0	0.5	
16								1.0			13.0		
17						3.5							
18		13.0				2.0							
19		5.5				2.5		5.5					
20						6.5		9.5					
21	3.5						1.0	1.5					
22	0.5			1.5				0.5	2.0				
23	7.5						0.5	0.5	2.0			12.5	
24				7.5	1.5							2.5	
25					3.5								
26					2.0			3.0					
27	5.5	0.5	2.0	0.5	1.0								
28	0.5		3.0			2.0							
29	1.0						0.5						
30	7.5				4.5		0.5					0.5	
31							0.5						
Tot Hrs	27.5	27.5	10.0	30.5	16.5	27.5	4.0	24.0	6.0	4.0	20.0	27.5	225.0
Tot Days	9	5	5	9	8	9	7	10	3	4	2	8	79

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 2018

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1						3.0						7.0	
2	0.5				0.5								
3													
4										1.0			
5										0.5			
6								0.5					
7								1.0					
8					1.0								
9			3.0	9.0									
10		3.5				2.0							
11													
12									0.5				
13													
14		2.5				1.5							
15											6.5		
16											11.0		
17						3.5							
18		10.5				0.5							
19		4.5						2.5					
20						5.0		6.0					
21	1.0						1.0	1.5					
22				1.0					0.5				
23	6.0						0.5					9.0	
24				6.0									
25													
26					0.5			2.5					
27	5.5		1.0										
28			2.0										
29													
30	2.5				0.5								
31													
Tot Hrs	15.5	21.0	6.0	16.0	2.5	15.5	1.5	14.0	1.0	1.5	17.5	16.0	128.0
Tot Days	5	4	3	3	4	6	2	6	2	2	2	2	41

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 2018

MONTH 2018	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	10.5	13.0	2nd	7.5	5.2	17th	117.0	16.3	6th
FEB	7.5	10.5	16th	4.7	-2.0	28th	53.1	14.3	5th
MAR	9.2	12.5	11th	5.9	-0.5	1st	122.0	20.7	1st
APR	13.0	24.3	21st	8.5	6.3	1st	55.5	13.5	10th
MAY	14.4	22.1	27th	9.9	7.6	11th	16.3	5.6	2nd
JUN	16.6	19.3	26th	12.6	11.3	23rd	5.6	2.2	3rd
JUL	20.2	24.1	27th	14.9	13.1	11th	16.5	7.0	29th
AUG	19.2	25.1	5th	15.1	13.3	26th	20.7	6.4	12th
SEP	18.9	23.8	17th	14.1	9.8	25th	18.1	9.4	22nd
OCT	15.9	23.0	10th	12.0	7.2	27th	56.1	30.2	14th
NOV	12.4	14.9	6th	9.4	4.2	19th	129.4	17.9	20th
DEC	11.2	13.4	3rd	8.9	2.5	14th	102.1	18.5	15th
YEAR	14.1	25.1	05-Aug	4.7	-2.0	28-Feb	712.4	30.2	14-Oct

REPORT FOR SARK 2018

MONTH 2018	TEMPERATURE °C								RAINFALL mm				SUN Hours	
	MEAN MAX	10yr Avg	HIGHEST MAXIMUM	DATE	MEAN MIN	10yr Avg	LOWEST MINIMUM	DATE	TOTAL	10yr Avg	WETTEST DAY	DATE	TOTAL	10yr Avg
JAN	10.4	9.2	12.9	3rd	6.2	5.5	3.8	16th	133.6	109.1	19.9	3rd	49.1	59.9
FEB	7.4	9.3	12.0	17th	2.8	5.2	-3.5	28th	47.7	74.6	10.5	14th	128.1	92.8
MAR	9.7	11.1	14.4	23rd	4.7	6.1	-2.0	1st	101.7	55.8	14.9	1st	115.0	156.1
APR	14.1	13.8	24.9	19th	7.8	7.4	4.9	1st	48.7	41.6	12.1	9th	181.9	239.0
MAY	16.7	16.0	25.3	7th	9.5	9.7	5.7	12th	13.5	51.6	4.4	2nd	300.7	236.6
JUN	19.2	18.5	23.5	24th	11.9	12.0	9.8	22nd	20.0	42.6	10.0	9th	265.6	259.1
JUL	24.1	20.9	28.2	8th & 9th	14.1	14.0	11.6	14th	23.9	41.5	17.9	29th	360.2	275.0
AUG	21.6	20.7	26.1	3rd	13.9	14.4	10.1	25th	27.7	62.4	5.6	12th	196.4	229.4
SEP	20.2	19.2	25.0	2nd	12.8	13.5	9.3	29th	38.0	51.9	20.0	22nd	218.0	191.3
OCT	16.1	16.2	22.1	10th	10.4	11.7	5.3	28th	60.7	82.0	29.0	13th	180.3	129.9
NOV	12.4	12.7	18.0	15th	7.8	8.8	2.3	20th	93.0	124.9	18.0	23rd	87.3	66.7
DEC														
YEAR	15.6	15.2	28.2		9.3	9.8	-3.5		608.5	738.0	29.0		2082.6	1935.8

Note: 10 year average is 2008 - 2017



METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Mon	1	<u>993.4</u>	10.0	5.6	7.8	3.9	9.0	9.9	200	19	20.4	43	2.6	3	Rain & hail shwrs am turning to rain, occn heavy. Occ fair pm		
Tue	2	1012.3	12.5	8.5	<u>10.5</u>	6.2	8.7	<u>10.0</u>	190	16	18.5	49	4.1	NIL	Cldy with drz, mist and fog late am. Cldy & mist pm, rain eve		
Wed	3	1006.7	<u>12.9</u>	6.4	9.7	5.8	9.3	<u>10.0</u>	280	<u>32</u>	23.6	<u>53</u>	<u>22.2</u>	1.1	Gales & squally rain/hail shwrs easing pm, rain eve. Fog late eve		
Thu	4	999.8	12.4	8.4	10.4	7.4	9.4	<u>10.0</u>	250	<u>32</u>	<u>25.5</u>	47	2.4	1.6	Rain, drz, mist & fog am, with gales. Clrng to fair with shwrs pm		
Fri	5	996.7	10.8	6.3	8.6	6.0	9.4	<u>10.0</u>	240	19	16.3	35	10.1	4.0	Blustery rain & hail showers		
Sat	6	1004.8	8.5	5.0	6.8	1.5	8.6	<u>10.0</u>	070	<u>03</u>	7.7	30	9.8	1.7	Sct rain & hail shwrs. Cloudy, occn fair late am, shwrs late pm		
Sun	7	1018.5	7.3	5.6	6.5	4.5	8.3	<u>10.0</u>	050	19	21.1	44	0.5	NIL	Scattered showers early am clearing, then rain early pm & eve		
Mon	8	1017.9	<u>6.4</u>	5.5	6.0	5.4	8.0	9.9	070	14	12.5	28	TR	NIL	Cloudy		
Tue	9	1005.7	9.7	6.7	8.2	4.9	8.0	9.8	150	09	12.6	27	0.9	NIL	Cloudy with rain eve		
Wed	10	1006.7	10.7	7.0	8.9	2.1	8.2	9.7	270	04	9.5	24	TR(dew)	<u>6.5</u>	Fine		
Thu	11	1015.5	9.4	6.4	7.9	3.3	8.0	9.7	040	10	7.0	18	NIL	2.7	Sunny periods becoming cloudy from midday		
Fri	12	1026.1	8.7	4.3	6.5	0.9	8.0	9.6	160	05	8.5	27	NIL	1.6	Cloudy with sunny periods		
Sat	13	1016.6	7.1	5.4	6.3	5.0	7.9	9.6	150	17	14.3	27	NIL	NIL	Cloudy		
Sun	14	1017.5	7.6	4.3	6.0	2.9	7.7	9.5	080	06	<u>6.6</u>	21	2.4	2.5	Cloudy with fair periods pm		
Mon	15	1003.6	11.2	5.3	8.3	2.7	7.7	9.5	220	27	21.3	41	7.4	0.6	Rain by dawn with drz & fog, clrng to shwrs pm		
Tue	16	1003.4	10.1	3.6	6.9	5.2	8.3	9.4	280	20	23.7	51	4.5	1.6	Blustery showers, heavy at times with hail from evening		
Wed	17	1014.2	8.7	<u>2.9</u>	<u>5.8</u>	1.3	<u>7.6</u>	9.4	300	19	22.2	46	3.9	4.7	Rain & hail shwrs early am, occn hvy clrng to fair. Rain early eve		
Thu	18	1007.1	11.0	6.8	8.9	5.5	8.1	9.4	280	21	21.1	46	0.2	3.4	Rain clrng am to fair with isol shwrs		
Fri	19	1013.7	8.6	5.0	6.8	3.4	8.0	<u>9.3</u>	290	14	14.8	32	10.1	4.7	Fair, isol rain/hail showers. Bec cldy by eve with rain by midnight		
Sat	20	999.8	11.3	6.2	8.8	3.9	7.8	9.4	280	23	19.1	43	1.7	NIL	Cloudy with rain & drizzle. Fair or fine by eve		
Sun	21	1014.1	11.3	8.1	9.7	6.8	8.4	<u>9.3</u>	260	19	16.7	35	12.4	NIL	Rain and drizzle am bec persistent drizzle, occn mist & fog		
Mon	22	1011.3	11.4	8.5	10.0	9.0	9.1	<u>9.3</u>	350	15	15.3	36	0.2	4.2	Fog, rain & drizzle early til mid am, clrng to fair bec cloudy late pm		
Tue	23	1019.3	11.6	8.7	10.2	6.8	9.2	9.4	210	14	15.0	26	3.2	NIL	Overcast, drizzle, mist and fog, dense at times		
Wed	24	1011.0	11.9	7.3	9.6	<u>10.6</u>	<u>9.6</u>	9.5	190	19	16.5	32	8.7	NIL	Radz persis + heavy pm clrng shwrs eve		
Thu	25	1010.6	9.9	6.5	8.2	4.0	9.4	9.6	220	12	14.3	27	2.0	6.2	Fair with scattered rain, occn hail, showers		
Fri	26	1018.0	8.4	6.6	7.5	4.2	8.8	9.7	310	13	9.0	26	0.1	1.0	Cloudy with isolated showers am		
Sat	27	1029.9	10.7	4.3	7.5	<u>0.8</u>	8.3	9.7	210	13	12.4	25	3.2	NIL	Cloudy. Light rain during morning, fog and drizzle pm & evening		
Sun	28	<u>1036.0</u>	10.8	<u>9.7</u>	10.3	9.5	8.9	9.6	260	13	13.9	24	TR	0.7	Light rain/drizzle, mist and fog patches at times		
Mon	29	1032.9	11.1	9.1	10.1	9.0	9.3	9.6	250	17	14.5	28	0.6	0.8	Light rain/drizzle, mist and fog patches at times		
Tue	30	1030.0	10.5	7.3	8.9	6.6	9.4	9.6	140	05	9.9	34	3.0	NIL	Cloudy with drizzle and hill fog at times		
Wed	31	1012.4	10.0	4.0	7.0	7.2	9.5	9.7	260	16	19.4	35	3.8	1.5	Rain & drizzle am, heavy rain late am, isolated rain hail shwrs pm		
MEAN		1013.1	10.1	6.3	8.2	5.0	8.6	9.6	W	15.6	15.6	TOTAL	120.0	54.1			
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 ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN			
TOTALS FOR YEAR TO DATE																	
RECORDS FROM JANUARY 1947																	
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 24	SUNLESS DAYS 11	
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 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN
Thu	1	1007.5	7.9	4.0	6.0	0.2	8.8	9.8	340	13	14.9	43	0.4	6.8	Rain/hail showers early am & late pm. Fair, dry air at times	
Fri	2	1014.6	8.3	5.5	6.9	0.9	8.2	9.8	330	11	10.4	23	2.8	3.2	Fair periods, a few isolated rain/hail showers	
Sat	3	1006.2	8.1	5.2	6.7	3.4	8.0	9.7	200	12	12.6	34	6.9	0.5	Rain bec persistant showers pm	
Sun	4	1020.8	6.2	4.1	5.2	2.7	7.9	9.6	040	15	14.0	29	7.8	2.2	Cloudy with occn showers	
Mon	5	1024.7	5.2	0.7	3.0	0.0	7.3	9.5	040	10	9.9	24	7.4	0.9	Shwrs of hail (snow pellets), rain, sleet. Snow prolonged pm	
Tue	6	1016.8	4.0	2.3	3.2	0.0	6.6	9.3	020	13	11.6	24	0.6	0.7	Cldy, some sunny ints. Isol light sleet or snow shwrs early & late	
Wed	7	1021.0	5.0	2.0	3.5	-0.6	6.1	9.2	010	14	10.8	26	NIL	7.7	Wintry shwrs in early hours then fine, bec cloudy during eve	
Thu	8	1021.5	7.9	2.2	5.1	-5.6	5.8	9.0	220	06	10.0	30	4.6	5.2	Fine bec cloudy	
Fri	9	1013.3	8.0	4.7	6.4	2.6	6.4	8.8	320	16	16.3	32	TR	7.2	Cldy with rain, clrng by dawn to fair/fine. Occn dry air & good	
Sat	10	1018.5	9.8	4.0	6.9	0.0	6.1	8.7	220	14	14.6	34	2.3	NIL	Cldy occn fair am. Rain & drizzle pm, ptchy fog mid aft, thick eve	
Sun	11	1009.3	10.2	4.2	7.2	3.1	6.8	8.6	290	12	16.5	37	0.7	4.3	Rain soon dying out then fair periods & isol shwrs	
Mon	12	1019.5	7.7	3.5	5.6	0.9	6.3	8.5	290	07	13.1	30	1.3	7.1	Fair to fine, isolated wintry showers.	
Tue	13	996.3	7.7	4.0	5.9	2.9	6.4	8.4	170	20	18.0	46	2.2	3.2	Bec cldy by dawn with rain, clrng to fair mid am. Isol shwrs pm	
Wed	14	1004.8	10.4	1.5	6.0	-3.7	6.2	8.4	170	24	16.7	40	9.2	NIL	Cloudy am with rain/drizzle throughout day, Fog later	
Thu	15	1011.4	10.4	5.2	7.8	7.4	7.0	8.4	280	11	11.6	24	TR	4.2	Fog & driz early am, clrng to cldy am, fair pm & iso shwrs eve	
Fri	16	1026.6	9.3	4.5	6.9	-3.1	6.9	8.3	230	03	7.0	14	NIL	7.5	Early ground frost, fine bec cldy by late pm	
Sat	17	1022.2	10.4	1.9	6.2	-4.0	6.7	8.4	310	03	6.2	18	2.1	7.7	Fine, became cloudy by evening with rain later	
Sun	18	1020.2	10.3	6.2	8.3	2.8	7.2	8.3	160	12	8.4	22	1.5	NIL	Low cloud, fog and drizzle for most of the day/eve	
Mon	19	1019.3	10.4	8.6	9.5	7.8	7.8	8.3	310	08	8.2	22	0.1	NIL	Fog, drizzle and rain clrng late am. Cldy pm & eve	
Tue	20	1022.0	9.3	7.6	8.5	5.8	8.3	8.4	340	13	13.5	28	TR	6.7	Cloudy occ radz am clrn to fine pm	
Wed	21	1025.6	8.4	4.8	6.6	3.7	8.1	8.6	060	10	11.2	28	TR	6.0	Isol v. It shwr early then fair periods	
Thu	22	1021.9	6.3	3.2	4.8	1.9	7.7	8.6	080	11	11.2	23	NIL	7.3	Isolated very light shower early, cloudy, became fine	
Fri	23	1018.1	4.6	1.5	3.1	-0.7	7.1	8.7	080	14	12.7	26	NIL	8.8	Fair or fine becoming fine pm	
Sat	24	1017.0	5.6	0.7	3.2	-1.6	6.5	8.6	080	11	13.0	30	NIL	7.5	Fine with dry occn air, bec cldy mid pm, fine eve	
Sun	25	1021.7	4.9	1.9	3.4	0.3	6.3	8.6	080	17	15.1	30	NIL	9.8	Fine with occ dry air	
Mon	26	1026.5	2.7	-1.1	0.8	-0.7	5.9	8.4	080	18	16.6	32	1.4	5.0	Bec cldy by dawn, light snow shwrs early eve bec prolonged	
Tue	27	1023.0	0.4	-2.4	-1.0	-3.7	5.4	8.3	080	09	9.9	24	2.1	1.7	Cldy with snow shwrs mod at times. Lying snow at 0900 1cm	
Wed	28	1011.8	-1.4	-3.7	-2.6	-3.9	5.0	8.2	080	18	17.7	36	TR	9.3	Fine becoming fair pm, dry air pm	
MEAN		1017.2	7.1	3.1	5.1	0.7	6.9	8.8	E	12.3	12.6	TOTAL	53.4	130.5		
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	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		16	13	6	10	0	0	3	10	6	2	0	4			
RECORDS FROM JANUARY 1947													RAINFALL	173.4 mm	SUNSHINE	184.6 hrs
WETTEST DAY DAY/YEAR	59.0mm 18th/1978	DRIEST MONTH YEAR	4.8mm 1965	LOWEST MIN DAY/YEAR	-7.2°C 21st/48,7th/91	WARMEST MNTH YEAR	9.0°C 1990	SUNNIEST MNTH YEAR	143.9 2008	RAIN DAYS	40	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	32					

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
Thu	1	993.4	<u>2.0</u>	<u>-2.1</u>	<u>-0.1</u>	<u>-4.9</u>	4.4	8.0	070	18	18.8	38	<u>24.4</u>	NIL	Snow, freezing rain/drz, drifting snow, fog, turning to rain late pm	
Fri	2	<u>981.7</u>	6.3	2.0	4.2	0.8	<u>4.1</u>	7.8	090	<u>21</u>	<u>19.2</u>	<u>39</u>	10.3	NIL	Persistent rain and drizzle	
Sat	3	984.7	8.4	4.0	6.2	2.7	4.8	7.5	120	18	12.6	27	0.3	2.2	Persistent rain am, clearing by noon, occn fair pm. Iso shwrs eve	
Sun	4	988.0	10.1	6.5	8.3	1.1	5.4	7.4	170	14	13.1	23	TR	6.9	Fair to fine, adjacent showers in eve with lightning	
Mon	5	987.2	9.8	5.8	7.8	3.7	6.1	<u>7.3</u>	130	12	12.2	26	6.6	1.6	Cloudy with rain am, showers from mid pm to early eve	
Tue	6	988.3	9.1	4.6	6.9	2.7	6.4	7.4	190	06	<u>4.9</u>	15	2.6	4.0	Fair with occn shwrs am. Cloudy pm with fog ptchs. Rain by eve	
Wed	7	996.7	9.3	3.3	6.3	-0.5	6.7	7.5	310	12	10.9	26	3.2	<u>9.1</u>	Sunny periods and isol showers	
Thu	8	999.3	10.0	5.5	7.8	3.9	7.0	7.6	270	14	12.5	34	2.3	8.0	Isolated light shwrs early, then fine, bec cloudy towards sunset	
Fri	9	1000.4	10.1	6.5	8.3	1.4	7.5	7.6	130	12	11.1	24	3.6	NIL	Cloudy, rain & drizzle at times with mist & fog	
Sat	10	993.1	<u>13.0</u>	<u>8.8</u>	<u>10.9</u>	<u>7.8</u>	7.8	7.8	160	12	10.2	26	0.2	5.6	Cloudy am with rain, occn hvy. Fair pm	
Sun	11	986.9	11.8	7.4	9.6	3.0	8.2	7.9	130	15	13.2	29	3.0	3.5	Fair prds early am & late pm otherwise cldy with rain noon & eve	
Mon	12	990.2	10.0	7.9	9.0	7.7	8.5	8.0	270	<u>21</u>	18.1	34	TR	0.9	Rain & fog early am bec cloudy with isol shwrs	
Tue	13	1009.9	10.5	6.6	8.6	5.2	8.6	8.2	290	11	10.1	23	NIL	8.6	Cloudy, becoming fine soon after dawn with long sunny periods	
Wed	14	1000.9	10.8	6.7	8.8	3.8	8.6	8.3	140	15	16.8	30	7.2	0.2	Cloudy, light rain @ noon & again from early eve, bec mod	
Thu	15	986.7	12.0	7.3	9.7	5.3	8.6	8.4	140	13	13.5	33	2.9	4.1	Cldy with isol shwrs early then fair with shwrs pm, occn heavy	
Fri	16	998.0	10.3	6.6	8.5	3.7	8.7	8.5	190	11	8.8	18	3.7	5.8	Fair periods and isolated showers later	
Sat	17	1000.2	7.6	1.1	4.4	0.9	8.9	8.6	070	08	11.7	33	10.9	NIL	Cloudy isol shwrs bec rain pm bec rasn/sn eve	
Sun	18	1001.8	4.8	0.5	2.7	0.0	7.6	8.7	100	05	11.3	25	0.8	0.1	Periods of snow, mostly light, mist and haze	
Mon	19	1008.5	2.4	0.5	1.5	0.0	7.0	8.6	070	13	14.0	33	1.7	NIL	Cloudy with sleet & snow clrng by eve	
Tue	20	1027.3	6.4	2.1	4.3	0.6	6.2	8.5	030	14	11.6	28	NIL	1.8	Cloudy with occ sunny periods pm.	
Wed	21	<u>1034.4</u>	8.5	3.4	6.0	-3.9	6.4	8.3	020	07	5.6	14	NIL	6.1	Fair to fine.	
Thu	22	1025.6	7.5	4.7	6.1	0.9	6.9	8.2	260	10	11.9	25	1.5	NIL	Cloudy with good vis	
Fri	23	1004.9	10.7	5.8	8.3	5.0	7.1	8.2	240	11	13.5	26	5.0	2.9	Rain & drz early am & misty by dawn. Rain early pm, clrng late eve	
Sat	24	996.9	10.0	6.8	8.4	6.1	7.8	8.2	100	10	9.1	26	TR	0.2	Cloudy with occasional rain am & evening	
Sun	25	1010.0	9.5	6.1	7.8	4.2	8.2	8.3	010	10	7.5	16	TR	1.4	Cloudy start with mist becoming haze, occ sunny periods pm	
Mon	26	1020.1	10.1	5.0	7.6	0.7	8.2	8.4	320	08	8.2	21	4.8	7.9	Fine, thickening cloud in pm, rain from eve. Fog by midnight	
Tue	27	1009.8	11.4	5.9	8.7	5.2	8.7	8.4	260	19	15.6	31	5.4	2.6	Fog & drizzle am, cloudy with fair prds pm	
Wed	28	1004.3	9.7	6.2	8.0	6.2	<u>9.2</u>	8.6	320	12	12.8	28	0.7	6.7	Drizzle, rain and fog banks am then fair periods & isol showers	
Thu	29	1000.0	9.0	4.9	7.0	2.0	8.9	8.7	180	19	13.4	28	5.7	3.2	Cloudy with occn shwrs am, more freq pm	
Fri	30	993.0	7.3	4.4	5.9	4.3	8.7	8.7	350	<u>04</u>	7.6	24	4.8	1.3	Cloudy with rain from early am to late pm. Shwrs eve, clrng	
Sat	31	998.4	8.6	3.9	6.3	0.6	8.5	<u>8.8</u>	310	13	12.8	28	1.0	0.4	Cloudy, scattered showers or rain.	
MEAN	1000.7	8.9	4.8	6.9	2.6	7.4	8.1	E	12.5	12.0	TOTAL	112.6	95.1			
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 ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		24	20	5	3	0	2	1	3	8	0	0	6			
RECORDS FROM JANUARY 1947													RAINFALL	286.0 mm	SUNSHINE	279.7 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	64	SUNLESS DAYS	21	WET DAYS	52	
WETTEST MNTH YEAR	179.6mm 2001	HIGHEST MAX DAY/YEAR	19.4°C 29th/1965	LOWEST GRASS DAY/YEAR	-9.4°C 3rd/1965	COLDEST MNTH YEAR	4.4°C 1962	DULLEST MNTH YEAR	67.4hrs 1964							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2018

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
Tue	1	1013.4	12.1	6.5	<u>9.3</u>	2.3	<u>11.3</u>	11.8	240	13	10.6	26	2.5	10.2	Fine, thickening high cloud pm. Isol shower eve, rain by midnight			
Wed	2	<u>1004.9</u>	12.1	8.2	10.2	7.3	12.0	<u>11.7</u>	200	16	<u>13.8</u>	27	3.4	7.1	Rain/drizzle & fog am clearing to fine pm			
Thu	3	1020.9	12.7	7.0	9.9	1.4	12.1	<u>11.7</u>	320	06	6.2	13	NIL	12.1	Fair or fine with mainly high cloud			
Fri	4	1024.2	14.1	7.2	10.7	2.1	12.7	<u>11.7</u>	210	<u>02</u>	4.7	10	TR(Dew)	7.8	Cldy with mist patches am, fine pm, fog late eve			
Sat	5	1025.0	16.9	8.0	12.5	4.8	13.0	11.8	040	09	6.9	15	NIL	14.2	Fog, mist and shallow fog before dawn bec fine			
Sun	6	1022.2	20.0	8.7	14.4	4.2	13.6	11.9	050	10	6.6	17	NIL	14.0	Fine, dry air at times.			
B.Hol	7	1017.8	<u>24.5</u>	11.3	17.9	8.9	14.5	12.0	330	<u>02</u>	<u>4.2</u>	11	NIL	13.6	Fine. Occn haze			
Tue	8	1012.8	15.4	9.9	12.7	10.2	15.4	12.3	290	13	10.0	21	NIL	2.4	Cldy with fog clrng mid am. Became fair pm			
Lib D	9	1012.1	14.2	8.8	11.5	6.2	14.5	12.5	280	07	9.9	27	1.1	8.5	Fair with rain late eve, briefly hvly			
Thu	10	1018.4	13.3	7.5	10.4	6.2	14.4	12.6	300	13	10.3	22	NIL	13.6	Cloudy early, became fine.			
Fri	11	1013.7	14.0	7.2	10.6	2.2	14.2	12.7	150	<u>17</u>	9.6	23	<u>3.5</u>	4.3	Fair am, bec cldy with rain mid pm until eve then fair			
Sat	12	1013.6	<u>11.9</u>	7.7	9.8	4.4	13.8	12.8	110	03	4.6	15	TR	0.7	Cloudy, occ fair. Light rain late eve			
Sun	13	1016.2	<u>13.2</u>	<u>5.4</u>	<u>9.3</u>	<u>0.8</u>	13.7	12.8	280	06	6.8	14	NIL	9.9	Cloudy at times clearing to a fine afternoon			
Mon	14	1022.4	14.7	8.5	11.6	5.8	13.6	12.7	330	11	10.5	19	NIL	14.4	Fair am, fine pm & eve. Good visibility			
Tue	15	1022.4	15.0	9.7	12.4	7.0	14.0	12.8	320	09	8.9	18	NIL	13.5	Some early mist otherwise fine and sunny			
Wed	16	1022.3	15.9	11.4	13.7	9.5	14.5	12.9	030	14	12.2	<u>28</u>	NIL	3.5	Fair, became cloudy			
Thu	17	<u>1025.7</u>	12.7	8.7	10.7	8.5	14.2	13.0	060	14	11.0	24	NIL	10.2	Cloudy spells am, bec fair			
Fri	18	1025.4	13.2	7.4	10.3	5.9	14.4	13.0	070	10	7.8	17	NIL	13.9	Fine sunny day			
Sat	19	1024.6	15.8	6.7	11.3	2.7	14.4	13.1	150	03	5.1	14	NIL	14.1	Fine			
Sun	20	1022.0	15.5	7.6	11.6	4.0	14.9	13.2	050	07	6.8	15	NIL	<u>14.5</u>	Fine, occn mist/haze am & eve			
Mon	21	1015.1	17.4	10.0	13.7	8.1	15.4	13.2	040	08	7.4	18	NIL	14.2	Fine, haze at times			
Tue	22	1016.1	17.8	11.4	14.6	7.2	15.8	13.4	010	10	7.3	15	NIL	11.1	Fine, haze at times			
Wed	23	1021.8	16.4	11.6	14.0	9.2	16.0	13.6	050	12	8.5	20	NIL	14.0	Fine			
Thu	24	1019.5	14.0	11.2	12.6	8.4	16.1	13.7	040	06	6.0	17	TR	NIL	Low cloud, haze occ mist leading into fog eve			
Fri	25	1018.4	17.8	11.8	14.8	12.4	15.8	13.9	020	<u>02</u>	4.7	12	TR	4.8	Cldy with mist & haze. Fog till mid am. Occn fair pm			
Sat	26	1015.7	20.4	10.9	15.7	9.4	16.0	13.9	040	13	10.1	27	1.5	8.5	Cldy mist & haze. Fog till mid am. Thunderstorm eve			
Sun	27	1014.5	21.2	13.9	17.6	<u>13.4</u>	16.4	14.0	140	12	8.8	20	NIL	12.4	Fog patches early, became fine			
B.Hol	28	1017.4	22.6	<u>14.1</u>	<u>18.4</u>	11.2	17.3	14.1	040	07	7.1	20	1.0	10.7	Fine sunny day becoming cloudier by evening			
Tue	29	1014.4	17.2	13.8	15.5	12.1	<u>17.6</u>	14.3	060	12	9.6	24	TR	3.7	Low cloud and poor viz with rain am. Showers eve			
Wed	30	1011.6	20.2	13.1	16.7	13.3	17.5	14.6	090	07	7.6	17	TR	2.1	Cloudy with fog & shwrs am, cldy occn fair pm			
Thu	31	1014.1	18.9	13.1	16.0	9.5	<u>17.6</u>	<u>14.7</u>	150	07	6.2	19	0.1	0.7	Cloudy, fog by late evening			
MEAN		1018.0	16.2	9.6	12.9	7.1	14.7	13.0	NE	9.1	8.1	TOTAL	13.1	284.7				
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 ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN				
		6	6	0	0	1	1	0	0	10	0	0	0	1	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947														RAINFALL	350.2 mm	SUNSHINE	721.8 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	84	SUNLESS DAYS	26
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	WET DAYS	67		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JUNE 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
Fri	1	1019.8	16.7	12.2	14.5	13.1	17.4	<u>14.8</u>	250	<u>16</u>	12.2	23	NIL	4.9	Fog until mid am, bec fine late pm	
Sat	2	1020.3	19.7	10.8	15.3	6.6	16.7	14.9	200	07	5.8	12	<u>3.7</u>	13.2	Fog patch early, fine became fair by evening	
Sun	3	1017.9	21.1	12.9	17.0	11.2	17.4	14.9	050	10	9.2	24	NIL	8.5	Cloudy am with shwrs early clrng to fair. Excellent viz pm	
Mon	4	1014.0	17.6	13.0	15.3	11.3	17.8	15.0	060	13	11.2	26	TR	1.8	Cloudy, occn fair am. Light rain early pm	
Tue	5	1014.6	14.1	12.1	13.1	12.4	17.1	15.2	050	13	12.1	26	0.2	NIL	Cloudy, occ drizzle and fog patches am, isol light showers pm	
Wed	6	1014.5	<u>13.6</u>	11.3	<u>12.5</u>	11.3	16.5	15.2	050	09	7.6	19	1.3	0.1	Cloudy, occ br/hz and light shwrs	
Thu	7	1015.0	18.7	11.5	15.1	12.0	<u>16.1</u>	15.1	090	<u>04</u>	<u>4.9</u>	13	NIL	1.6	Light rain & drizzle am, otherwise misty & hazy occn fair pm	
Fri	8	1015.9	21.5	<u>14.7</u>	18.1	12.6	17.1	15.0	060	05	6.2	15	2.0	13.7	Low cloud, mist & intermittent fog am, clearing to fine	
Sat	9	1013.8	17.7	12.9	15.3	12.7	17.9	15.1	070	11	9.4	23	0.1	4.6	Showers at first, became fair pm. Mist at times	
Sun	10	1013.1	16.7	12.9	14.8	12.6	17.7	15.3	060	06	7.4	19	TR	NIL	Cloudy with mist, fog & drz am. Cloudy pm	
Mon	11	<u>1011.7</u>	19.2	12.6	15.9	11.8	17.3	15.4	040	13	10.0	24	NIL	9.6	Fair or fine	
Tue	12	1014.9	18.3	12.5	15.4	9.9	17.3	15.4	030	11	7.5	19	NIL	14.0	Fine with some low cloud @ noon. Bec cldy by sunset	
Wed	13	1019.9	18.4	10.9	14.7	6.5	17.7	15.4	170	05	6.1	13	TR	9.5	Fair am, cloudier pm with sea fog encroaching inland at times	
Thu	14	1014.3	18.4	12.4	15.4	11.0	17.6	15.5	230	15	12.6	26	TR	7.2	Low cloud, rain/drizzle & fog am clrng late am to fine pm	
Fri	15	1019.2	17.4	10.3	13.9	<u>3.6</u>	17.2	15.5	320	07	8.3	19	0.3	14.4	Mainly fine	
Sat	16	1017.1	16.0	11.6	13.8	9.6	17.3	15.5	200	11	11.2	23	0.4	1.6	Cloudy with some rain or drizzle, mist and fog patches early aft	
Sun	17	1019.8	16.2	12.7	14.5	11.7	16.7	15.6	240	<u>16</u>	12.3	21	0.6	1.0	Mainly cloudy with drizzle from mid aft, fog late pm into evening	
Mon	18	1023.4	18.0	13.1	15.6	12.8	16.5	15.5	270	11	12.9	27	0.1	2.4	Low cloud, drz & mist clrng late am, fair pm. Drz & fog early eve	
Tue	19	1026.5	20.3	13.8	17.1	<u>14.0</u>	16.9	15.5	240	08	7.4	19	0.1	4.0	Drz & fog clrng for a time mid am & late pm. Sunny periods	
Wed	20	1023.6	19.1	13.6	16.4	10.0	17.4	15.5	220	05	5.9	15	TR	5.8	Drizzle and fog, some sunny periods, further fog by evening	
Thu	21	1026.7	16.1	11.1	13.6	10.0	17.7	15.6	360	14	9.5	22	NIL	14.1	Fine, good vis & dry air	
Fri	22	<u>1031.6</u>	16.7	10.7	13.7	4.1	17.1	15.7	010	08	6.9	15	NIL	15.1	Fine, occn dry air	
Sat	23	1030.1	20.1	<u>10.1</u>	15.1	5.0	17.3	15.8	140	06	6.1	12	NIL	14.8	Fine, occn dry air	
Sun	24	1025.4	22.2	12.7	17.5	8.3	17.6	15.8	030	<u>04</u>	5.2	13	NIL	14.1	Sunny with high cloud, dry air	
Mon	25	1026.1	22.9	13.4	18.2	10.8	17.9	15.9	060	09	8.7	19	NIL	15.0	Fine, dry air and excellent visibility	
Tue	26	1025.1	<u>24.1</u>	14.3	<u>19.2</u>	8.8	18.5	16.0	090	06	10.0	25	NIL	<u>15.2</u>	Fine	
Wed	27	1022.6	20.8	13.3	17.1	11.9	<u>18.6</u>	16.2	060	09	11.9	26	NIL	14.9	Fine with occ haze but visibility improving throughout the day	
Thu	28	1022.4	21.3	13.1	17.2	9.6	18.4	16.2	050	11	12.6	27	NIL	10.9	Early fog & low cloud, clearing late am to fine	
Fri	29	1019.2	20.9	14.5	17.7	13.6	18.5	<u>16.3</u>	060	<u>16</u>	<u>13.6</u>	<u>28</u>	NIL	14.4	Fair or fine	
Sat	30	1013.2	20.8	13.9	17.4	13.3	<u>18.6</u>	<u>16.3</u>	050	14	13.3	26	0.4	10.2	Fine, became fair	
MEAN		1019.7	18.8	12.5	15.7	10.4	17.5	15.5	NE	9.8	9.3	TOTAL	9.2	256.6		
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 ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		8	3	0	0	0	2	0	0	12	1	0	2			
RECORDS FROM JANUARY 1947													RAINFALL	359.4 mm	SUNSHINE	978.4 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	92	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	70					

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JULY 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
Sun	1	1010.7	22.3	15.4	18.9	<u>16.4</u>	18.8	<u>16.4</u>	030	09	8.0	19	1.2	7.1	Cldy with shwrs at first & again early pm clrng to fair/fine	
Mon	2	1012.3	24.5	15.7	20.1	<u>14.2</u>	<u>18.6</u>	<u>16.4</u>	060	07	10.6	25	TR	7.7	Isolated thundery shwrs @ dawn, bec fair with sunny periods	
Tue	3	1014.0	22.8	14.5	18.7	13.4	18.7	16.5	140	09	8.4	19	2.1	3.3	Cldy with sct shwrs. Fog ptchs late am. Occn fair	
Wed	4	1014.9	22.6	16.0	19.3	16.0	18.9	16.5	170	07	5.5	14	NIL	7.4	Fog patches & showers early am, bec fair	
Thu	5	1017.1	20.5	12.9	<u>16.7</u>	7.7	18.9	16.6	320	<u>03</u>	5.2	14	TR(Dew)	14.2	Early shallow fog, then fine. Sea fog around coasts. Fog late eve	
Fri	6	1021.7	23.4	14.2	18.8	9.6	19.3	16.6	330	<u>03</u>	4.6	11	NIL	14.6	Early shallow fog & fog, bec fine. Mist evening	
Sat	7	1024.7	25.6	15.4	20.5	9.3	19.6	16.7	080	<u>03</u>	4.6	12	NIL	14.2	Fine	
Sun	8	1025.8	<u>28.1</u>	<u>16.2</u>	<u>22.2</u>	9.7	20.0	16.9	070	05	6.1	15	NIL	14.9	Fine	
Mon	9	<u>1026.2</u>	26.7	16.1	21.4	12.2	20.4	17.0	130	04	5.0	13	NIL	14.9	Fine, dry air. Xlnt viz pm	
Tue	10	1022.6	21.7	14.6	18.2	11.6	20.4	17.1	090	16	7.7	20	NIL	12.0	Fair occn cloudy am, fine pm. Good viz	
Wed	11	1022.1	21.7	<u>12.3</u>	17.0	<u>7.2</u>	19.9	17.3	050	06	5.6	13	NIL	14.8	Fine	
Thu	12	1021.5	22.2	13.6	17.9	9.6	20.0	17.3	160	05	4.7	11	NIL	13.5	Occn fair am, otherwise fine	
Fri	13	1022.1	21.3	13.0	17.2	9.5	19.9	17.4	080	06	6.3	14	NIL	14.5	Fine. Sea fog pm & eve	
Sat	14	1021.6	21.5	13.4	17.5	8.4	19.7	17.4	340	06	4.9	11	NIL	<u>15.0</u>	Fine. Dry air at times	
Sun	15	1017.5	23.7	14.6	19.2	7.7	19.7	17.4	070	<u>03</u>	<u>3.5</u>	12	NIL	<u>15.0</u>	Fine. Dry air from mid am	
Mon	16	1015.7	22.3	15.0	18.7	8.1	20.0	17.5	180	05	7.5	20	TR	9.6	Cloudy with isol shwr am bec fair/fine pm	
Tue	17	1018.9	21.1	13.9	17.5	7.4	19.5	17.5	300	10	6.6	17	TR	4.5	Cloudy with an isol shwr am, fair pm. Cloudy eve	
Wed	18	1019.4	20.9	13.2	17.1	7.8	19.6	17.5	280	04	5.1	12	NIL	11.4	Mostly fine with some cloudy spells mid am and again late pm	
Thu	19	1018.7	21.2	13.9	17.6	8.4	19.6	17.5	010	08	7.6	16	NIL	10.5	Fine, cloudier pm	
Fri	20	1016.0	20.2	15.0	17.6	12.4	19.6	17.5	310	10	11.8	23	1.2	9.2	Fair am, fine pm, cloudy eve. Shwrs late eve	
Sat	21	1014.6	22.1	14.3	18.2	12.9	19.8	17.6	220	05	4.5	13	NIL	9.4	Early rain/shwrs. Fog am clearing to be fair or fine. Dry air pm	
Sun	22	1017.8	22.9	14.5	18.7	7.6	19.9	17.6	270	05	5.8	13	NIL	14.3	Shallow fog early am otherwise fine. Dry air	
Mon	23	1018.9	23.6	16.1	19.9	12.9	20.5	17.6	280	07	5.1	14	NIL	12.7	Fog early, clearing to fine. Mist eve	
Tue	24	1015.6	23.3	15.5	19.4	10.7	20.5	17.7	360	08	5.9	14	NIL	14.2	Early morning mist then fine. Dry air	
Wed	25	1018.8	23.0	15.5	19.3	10.7	20.3	17.8	360	09	7.3	16	NIL	13.7	Fine bec fair with high cloud pm	
Thu	26	1013.0	24.4	15.8	20.1	13.5	20.5	17.8	140	06	4.9	13	NIL	13.7	Fine with occ xclnt vis, dry air. Distant tstorm eve	
Fri	27	1011.5	22.6	16.1	19.4	11.5	<u>20.9</u>	<u>17.9</u>	210	06	7.3	20	2.1	5.7	Mainly cloudy with some isolated showers in the afternoon	
Sat	28	1009.6	20.2	14.5	17.4	12.1	19.8	<u>17.9</u>	230	<u>20</u>	<u>16.6</u>	<u>32</u>	<u>9.2</u>	7.7	Shwrs & lighning early, bec fine. Cldy from mid pm. Rain late eve	
Sun	29	<u>1004.5</u>	<u>18.8</u>	15.4	17.1	13.9	18.9	<u>17.9</u>	180	16	14.5	29	4.1	0.1	Moderate rain am, bec drizzle pm. Occn mist. Fog late eve	
Mon	30	1011.6	21.2	16.1	18.7	15.5	18.9	<u>17.9</u>	210	12	10.3	22	0.9	6.6	Cldy with rain, drz & fog early. Fair pm, cldy eve, shwrs late	
Tue	31	1017.9	20.4	13.4	16.9	11.7	19.0	17.8	240	11	7.3	16	NIL	14.1	Showers early am, becoming fine	
MEAN		1017.3	22.5	14.7	18.6	11.0	19.7	17.3	N	7.5	7.1	TOTAL	20.8	340.5		
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 ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN			
		7	6	0	0	1	2	0	0	8	1	0	0		TOTALS FOR YEAR TO DATE	
RECORDS FROM JANUARY 1947													RAINFALL	380.2 mm	SUNSHINE	1318.9 hrs
WETTEST DAY DAY/YEAR	62.5mm 7th/2004	DRIEST MONTH YEAR	3.9mm 1999	LOWEST MIN DAY/YEAR	8.3°C 8th/1954	WARMEST MNTH YEAR	19.4°C 1983	SUNNIEST MNTH YEAR	335.9hrs 1959	RAIN DAYS	99	SUNLESS DAYS	28	WET DAYS	76	
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							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX
Wed	1	1022.9	20.9	12.9	16.9	8.7	18.9	17.8	220	05	4.3	12	NIL	13.3	Fine with xtnsv high cloud pm	
Thu	2	1024.6	22.2	13.2	17.7	9.2	19.2	17.8	300	02	5.0	13	NIL	14.6	Fine	
Fri	3	1023.1	26.0	14.2	20.1	9.8	19.5	17.8	340	08	6.5	14	NIL	14.0	Fine, smoke from fire at Gsy Metals a.m. Fog by 2200.	
Sat	4	1024.1	24.4	16.4	20.4	14.3	20.0	17.8	020	09	7.5	14	NIL	11.9	Fog & mist around dawn clrng mid am to fair with high cloud	
Sun	5	1023.6	25.9	16.3	21.1	13.2	20.2	17.9	120	11	7.2	16	NIL	14.1	Fine with dry air	
Mon	6	1016.2	24.4	13.6	19.0	10.0	20.2	18.0	020	08	6.6	14	NIL	13.4	Early morning fog clrng by mid am to become fine	
Tue	7	1009.8	21.5	15.8	18.7	12.4	20.3	18.0	360	08	8.1	21	3.1	4.6	Early mist & fog, bec fine. Shwrs from late am to early eve. T&L	
Wed	8	1014.0	20.0	14.8	17.4	13.1	18.9	18.1	190	07	8.3	18	5.1	4.5	A few light showers am. Fair, became cloudy late afternoon	
Thu	9	1014.4	19.2	14.6	16.9	14.7	18.9	18.0	330	09	9.7	25	TR	7.0	Rain, occn heavy, clrng to fine mid am	
Fri	10	1021.0	19.5	13.2	16.4	10.7	18.3	18.0	230	18	14.6	34	0.4	3.4	Cloudy with showers	
Sat	11	1023.6	21.7	14.9	18.3	13.3	18.2	17.8	200	09	7.8	16	2.4	2.2	Cloudy with very light rain for a short time around midday	
Sun	12	1011.9	18.3	15.5	16.9	14.9	18.7	17.7	170	12	10.5	20	6.2	0.1	Cloudy rain heavy at times cleared mid pm, remained cloudy	
Mon	13	1010.0	20.0	15.1	17.6	15.1	18.2	17.7	280	11	11.5	22	NIL	8.3	Rain/drizzle early, became fine pm	
Tue	14	1019.4	19.9	15.2	17.6	13.2	18.8	17.6	270	11	9.8	19	TR	2.6	Cloudy with light drizzle/mist late am & early eve	
Wed	15	1021.5	20.5	16.5	18.5	16.1	19.0	17.6	250	09	10.6	19	TR	5.9	Cloudy a little drizzle am, mist & adjacent fog am, bec fair pm	
Thu	16	1015.5	18.1	14.6	16.4	15.4	19.0	17.7	230	13	9.7	26	5.1	3.1	Rain from mid am with fog for a time, clearing mid pm to fine	
Fri	17	1022.7	19.0	13.4	16.2	8.1	17.8	17.6	310	07	8.7	18	NIL	11.5	Fair with high cloud	
Sat	18	1024.3	19.2	14.9	17.1	12.3	18.2	17.6	260	11	11.0	22	NIL	5.2	Cloudy am clearing late pm to fine	
Sun	19	1022.7	18.9	15.3	17.1	13.2	18.0	17.5	250	15	13.8	26	0.1	0.5	Cloudy bec misty, with fog pm. Drz & fog eve	
Mon	20	1023.1	20.0	16.8	18.4	17.0	18.4	17.5	260	09	7.6	14	TR	NIL	Xtnsv fog clrng pm, return eve. Occ drz	
Tue	21	1021.8	20.4	16.5	18.5	17.0	19.0	17.5	280	05	5.9	13	0.2	0.7	Fog, mist and drizzle am, cloudy pm	
Wed	22	1019.3	19.0	15.8	17.4	15.9	19.2	17.6	260	06	5.2	12	0.9	0.6	Cloudy with fog early. Occn drizzle throughout	
Thu	23	1016.1	18.9	15.7	17.3	14.5	19.0	17.7	250	12	11.4	23	2.8	3.3	Rain/drizzle mist/fog am, dry and brighter pm	
Fri	24	1019.1	18.4	13.1	15.8	11.4	18.0	17.7	300	10	12.8	29	2.5	4.8	Cloudy with isol shower am. Occ fair pm. Showers eve	
Sat	25	1017.7	17.2	11.6	14.4	6.8	17.5	17.7	320	07	6.5	17	0.1	12.3	Fine with xclnt vis	
Sun	26	1012.5	18.3	11.1	14.7	3.7	17.2	17.5	180	16	14.2	28	2.9	NIL	Cloudy with rain and drz, fog eve	
Mon	27	1015.3	18.0	13.8	15.9	12.1	17.1	17.4	280	12	10.6	24	TR	2.6	Mainly cloudy occ light shower, occn fair pm	
Tue	28	1018.3	18.9	12.0	15.5	5.4	17.3	17.3	190	05	4.2	13	0.4	4.0	Cloudy am, fair periods pm, light shower towards midnight	
Wed	29	1016.4	19.5	13.6	16.6	10.7	17.4	17.2	310	09	9.4	20	NIL	7.2	Showers early am, cloudy bec fair with sunny periods pm	
Thu	30	1023.4	16.7	13.3	15.0	10.5	17.7	17.2	030	07	6.2	13	TR	NIL	Cloudy with showers @ noon. Good viz eve	
Fri	31	1023.1	20.1	12.0	16.1	4.7	17.0	17.2	010	03	5.0	15	NIL	11.8	Cloudy soon bec fine	
MEAN	1019.1	20.2	14.4	17.3	11.9	18.6	17.7	W	9.2	8.7	TOTAL	32.2	187.5			
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 ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN			
		12	8	0	0	1	1	0	0	11	2	0	3	TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947													RAINFALL	412.4 mm	SUNSHINE	1506.4 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	111	SUNLESS DAYS	30	WET DAYS	84	
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							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER	
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN
Sat	1	1024.8	22.9	14.2	18.6	10.8	17.4	17.1	150	08	7.0	17	NIL	9.3	Fair or fine	
Sun	2	1024.0	23.4	15.5	19.5	14.6	18.2	17.1	140	08	7.5	15	NIL	7.4	Cloudy am became fine	
Mon	3	1021.3	21.4	13.0	17.2	5.9	18.1	17.2	030	07	5.8	15	NIL	11.1	Fair became fine	
Tue	4	1020.2	20.3	14.6	17.5	8.5	18.1	17.2	020	08	6.6	14	NIL	6.8	Cloudy with mist early am, bec fine by noon. Clidy eve	
Wed	5	1021.4	18.6	14.8	16.7	10.9	18.3	17.2	030	10	9.4	21	NIL	7.4	Cloudy bec fair or fine	
Thu	6	1019.9	19.0	13.8	16.4	9.0	17.9	17.2	340	09	10.3	21	0.1	9.0	Fine am, fair pm. Light shwrs pm & eve	
Fri	7	1019.0	18.6	12.5	15.6	9.2	17.7	17.2	280	05	8.3	18	NIL	7.8	Light shwr early am, otherwise cloudy occn fair. Xlnt vis	
Sat	8	1020.1	19.0	11.7	15.4	4.2	17.3	17.2	220	12	6.0	15	NIL	3.7	Fair, became cloudy, excellent visibility	
Sun	9	1020.0	20.0	12.0	16.0	5.5	16.9	17.1	230	09	8.8	20	NIL	8.1	High cloud am, fair pm, fine eve	
Mon	10	1024.5	20.3	14.2	17.3	12.2	17.3	17.0	230	11	10.9	21	NIL	4.9	Cloudy with some fair periods	
Tue	11	1023.3	20.7	15.9	18.3	14.7	17.7	17.0	240	17	14.0	25	1.3	4.4	Cloudy, occn fair bec fine eve	
Wed	12	1022.7	16.8	13.4	15.1	14.1	17.7	17.0	020	08	8.0	16	2.0	0.1	Cloudy, outbreaks rain/drizzle, fog patches early	
Thu	13	1024.8	17.3	12.3	14.8	9.2	16.8	17.0	010	07	6.4	14	TR	10.6	Fine with sunny periods. Xlnt viz	
Fri	14	1023.7	17.9	11.5	14.7	2.9	16.3	16.9	270	09	8.8	22	NIL	5.4	Cloudy am with light shwrs. Fine pm. Xlnt viz	
Sat	15	1026.5	18.7	12.4	15.6	8.1	16.3	16.9	310	02	5.7	12	NIL	9.9	Fair or fine with long sunny periods and mostly thin high cloud	
Sun	16	1020.4	20.4	12.9	16.7	9.3	16.7	16.7	200	09	7.5	14	NIL	5.0	High cloud becoming fine early afternoon	
Mon	17	1016.6	22.5	14.9	18.7	11.0	16.8	16.7	180	09	9.4	21	NIL	10.1	Patchy low cloud am, became fair to fine, dry air at times	
Tue	18	1012.7	21.1	16.5	18.8	15.9	17.5	16.6	250	17	14.6	36	NIL	5.2	Cloudy bec fair am. Fine early pm, becoming cloudy mid pm	
Wed	19	1016.0	21.7	16.6	19.2	15.8	17.6	16.7	200	14	13.7	26	NIL	4.5	Clidy bec fine pm	
Thu	20	1015.2	20.6	16.4	18.5	14.8	17.7	16.7	210	14	14.6	33	9.2	0.1	Clidy with light shwr eve. Rain by midnight, prolonged and heavy	
Fri	21	1014.8	18.2	12.2	15.2	10.9	16.9	16.7	270	19	17.9	40	1.6	8.6	Heavy rain early am bec fair with isolated showers	
Sat	22	1020.3	17.7	11.8	14.8	10.7	16.1	16.7	190	08	15.1	36	20.1	NIL	Rain by dawn turning to drz eve with fog & mist	
Sun	23	1014.8	17.4	11.5	14.5	13.7	16.5	16.6	360	14	15.0	33	0.2	4.3	Clidy with rain, drz & fog, clrng mid am to fair. Xlnt vis & dry air pm	
Mon	24	1038.5	15.2	9.5	12.4	4.3	15.0	16.5	020	07	6.2	17	NIL	11.0	High cloud am otherwise fine with xlnt viz & dry air	
Tue	25	1038.1	16.0	8.4	12.2	2.1	14.2	16.3	140	10	6.4	15	NIL	11.3	Fine with excellent visiblity and dry air	
Wed	26	1033.5	17.9	9.4	13.7	2.5	14.3	16.2	070	07	6.7	16	NIL	11.2	Fine, xclnt vis	
Thu	27	1027.4	21.9	11.6	16.8	7.2	14.8	16.0	140	09	6.7	13	NIL	10.2	Fine becoming cloudy late afternoon	
Fri	28	1027.5	17.4	14.1	15.8	11.7	15.8	15.9	050	13	12.0	27	NIL	8.9	Fair occn cloudy	
Sat	29	1028.6	16.2	11.4	13.8	10.0	15.4	15.9	080	10	8.6	19	NIL	9.4	Bec fair by mid am. Thin high cloud pm	
Sun	30	1022.3	15.2	9.6	12.4	1.6	14.8	15.9	330	08	8.7	26	TR	1.6	Cloudy with brief fair period around sunset	
MEAN		1022.8	19.1	13.0	16.0	9.4	16.7	16.7	N	9.9	9.6	TOTAL	34.5	207.3		
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		
		6	5	0	0	0	0	0	0	3	0	0	1			
RECORDS FROM JANUARY 1947													RAINFALL	446.9 mm	SUNSHINE	1713.7 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	117	SUNLESS DAYS	32			
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	89					

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			AIR		GRASS	SOIL		DIR'N	SPEED(knots)							
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
Mon	1	1029.3	14.9	11.2	13.1	8.5	14.3	<u>15.8</u>	350	10	10.0	24	0.4	8.8	Fair, dry air + good vis pm	
Tue	2	1026.1	16.8	11.4	14.1	9.4	14.4	15.6	280	<u>18</u>	14.5	29	TR	0.2	Cloudy, rain/drizzle mist am	
Wed	3	1030.5	17.1	12.7	14.9	11.9	15.0	15.5	300	<u>06</u>	6.8	15	TR(fog)	7.0	Fair or fine bec cldy early eve with low cloud/mist. Fog late eve	
Thu	4	1026.4	17.5	11.5	14.5	11.5	15.5	15.5	160	10	6.8	15	NIL	5.5	Fog clearing mid am to cloudy then fine pm	
Fri	5	1016.5	20.1	12.8	16.5	9.8	15.5	15.6	160	<u>06</u>	5.0	11	0.4	<u>10.0</u>	Fine am with fog patches rolling in from mid pm bec extnsv	
Sat	6	1007.8	14.3	10.3	12.3	7.0	15.5	15.6	010	<u>02</u>	11.5	37	13.0	NIL	Fog early am then rain, occn hvy, from mid am to eve. Windy	
Sun	7	1023.3	13.7	9.2	11.5	6.8	13.8	15.6	010	11	11.2	<u>39</u>	NIL	9.3	Cloudy and windy at first, became fine	
Mon	8	1024.2	15.6	9.2	12.4	2.4	13.3	15.4	310	<u>04</u>	<u>3.8</u>	12	NIL	9.4	Fine with persistent high cloud, clearing early eve	
Tue	9	1019.5	18.7	10.2	14.5	3.1	13.4	15.3	180	<u>08</u>	7.2	13	NIL	<u>10.0</u>	Fine	
Wed	10	1010.5	<u>22.2</u>	14.8	<u>18.5</u>	11.7	14.4	15.1	130	13	11.2	21	0.9	8.7	Fine bec cloudy late pm. Showers evening	
Thu	11	1001.8	<u>17.6</u>	14.5	16.1	13.1	15.0	15.1	160	15	14.7	29	0.1	0.7	Mainly cloudy with occn rain bec fine for a time early eve	
Fri	12	1009.8	20.6	14.5	17.6	12.4	14.9	15.1	170	<u>18</u>	<u>18.2</u>	34	TR	3.7	Mainly cloudy, few outbreaks rain early am	
Sat	13	1010.9	21.1	<u>15.6</u>	18.4	<u>15.3</u>	<u>15.7</u>	15.1	170	13	14.1	28	<u>30.5</u>	5.3	Cloudy occ sunny int, rain mid eve	
Sun	14	1005.1	15.6	11.5	13.5	11.8	15.5	15.2	360	17	12.3	34	10.7	NIL	Cloudy with rain and drizzle. Violent rain am	
Mon	15	1007.3	15.7	11.9	13.8	11.8	14.8	15.2	120	10	7.2	18	0.7	NIL	Occasional rain and drizzle, with fog early am. Misty at times	
Tue	16	1016.4	15.3	11.7	13.5	8.4	14.8	15.3	300	<u>06</u>	5.7	14	TR	0.2	Fair bec cloudy am. Occ rain and drizzle	
Wed	17	1019.0	16.1	11.3	13.7	5.7	14.3	15.2	180	<u>07</u>	5.6	13	TR	8.6	Fair	
Thu	18	1024.4	16.1	13.0	14.6	8.4	14.7	15.1	060	10	9.8	25	NIL	0.6	Cloudy with light rain early am	
Fri	19	1025.9	16.6	11.1	13.9	9.4	14.4	15.1	040	<u>06</u>	6.1	17	NIL	9.1	Fair to fine long sunny periods	
Sat	20	1032.1	16.6	10.6	13.6	3.0	13.8	15.0	100	<u>06</u>	4.7	10	NIL	8.8	Fine with occassional high cloud	
Sun	21	1029.3	17.1	9.7	13.4	3.9	13.6	14.9	360	<u>02</u>	5.5	17	TR	<u>10.0</u>	Fine	
Mon	22	<u>1036.4</u>	14.5	9.7	12.1	6.6	13.8	14.8	030	14	11.0	29	NIL	8.9	Cloudy at first clearing to fine	
Tue	23	1036.3	14.9	8.0	11.5	1.0	12.8	14.7	300	<u>09</u>	9.0	23	NIL	4.6	Fair with high cloud	
Wed	24	1031.6	17.2	11.6	14.4	6.6	13.1	14.6	320	<u>08</u>	5.8	13	TR(dew)	9.0	Fine. Shallow fog evening	
Thu	25	1024.3	14.3	9.4	11.9	2.0	13.0	14.5	010	<u>09</u>	4.7	14	TR	6.1	Extensive shallow fog early, then cloudy occn fair pm	
Fri	26	1014.9	13.1	9.1	11.1	5.5	13.0	14.4	300	14	12.5	27	TR	3.8	Cldy, occ rain am, clrng to fine with occ shwrs, dry air, xlnt vis	
Sat	27	1014.9	<u>9.4</u>	<u>3.9</u>	<u>6.7</u>	4.6	12.0	14.3	020	13	12.4	27	5.8	6.5	Fair with isol shwrs bec frnt by eve with hail. Dry air & good viz	
Sun	28	1015.1	9.8	5.4	7.6	0.0	11.4	14.1	030	<u>18</u>	15.3	33	8.2	1.6	Cloudy with sct rain/hail showers, less frequent pm	
Mon	29	1007.9	10.4	6.4	8.4	4.4	10.6	13.9	040	<u>08</u>	8.9	23	0.6	4.8	Cloudy am with sct rain/hail showers, fine pm. Xlnt visibility	
Tue	30	<u>998.9</u>	9.9	6.3	8.1	2.6	10.3	13.7	320	<u>08</u>	7.5	17	NIL	8.4	Fine, dry air at times, excellent visibility	
Wed	31	1004.8	13.4	7.3	10.4	<u>-0.8</u>	<u>10.2</u>	<u>13.5</u>	150	14	11.9	24	0.7	3.6	Fair to cloudy, isol showers am	
MEAN		1018.7	15.7	10.5	13.1	7.0	13.8	15.0	N	10.1	9.4	TOTAL	72.0	173.2		
30 YEAR AVE. 1981-2010		1014.8	15.1	10.8	13.0	8.1	13.6	14.6	W	12.4	12.4	////	94.8	117.1		
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		
		11	5	0	3	0	0	0	1	5	0	0	3			
RECORDS FROM JANUARY 1947													RAINFALL	518.9 mm	SUNSHINE	1886.9 hrs
WETTEST DAY DAY/YEAR	59.1mm 12th/2014	DRIEST MONTH YEAR	3.4mm 1978	LOWEST MIN DAY/YEAR	3.5°C 28th/2003	WARMEST MNTH YEAR	15.2 2001/06	SUNNIEST MNTH YEAR	176.4hrs 1971	RAIN DAYS	128	SUNLESS DAYS	35	WET DAYS 94		
WETTEST MNTH YEAR	233.9mm 1960	HIGHEST MAX DAY/YEAR	23.6°C 1st/2011	LOWEST GRASS DAY/YEAR	-4.0°C 30th/1983	COLDEST MNTH YEAR	9.6°C 1974	DULLEST MNTH YEAR	72.6hrs 1968							

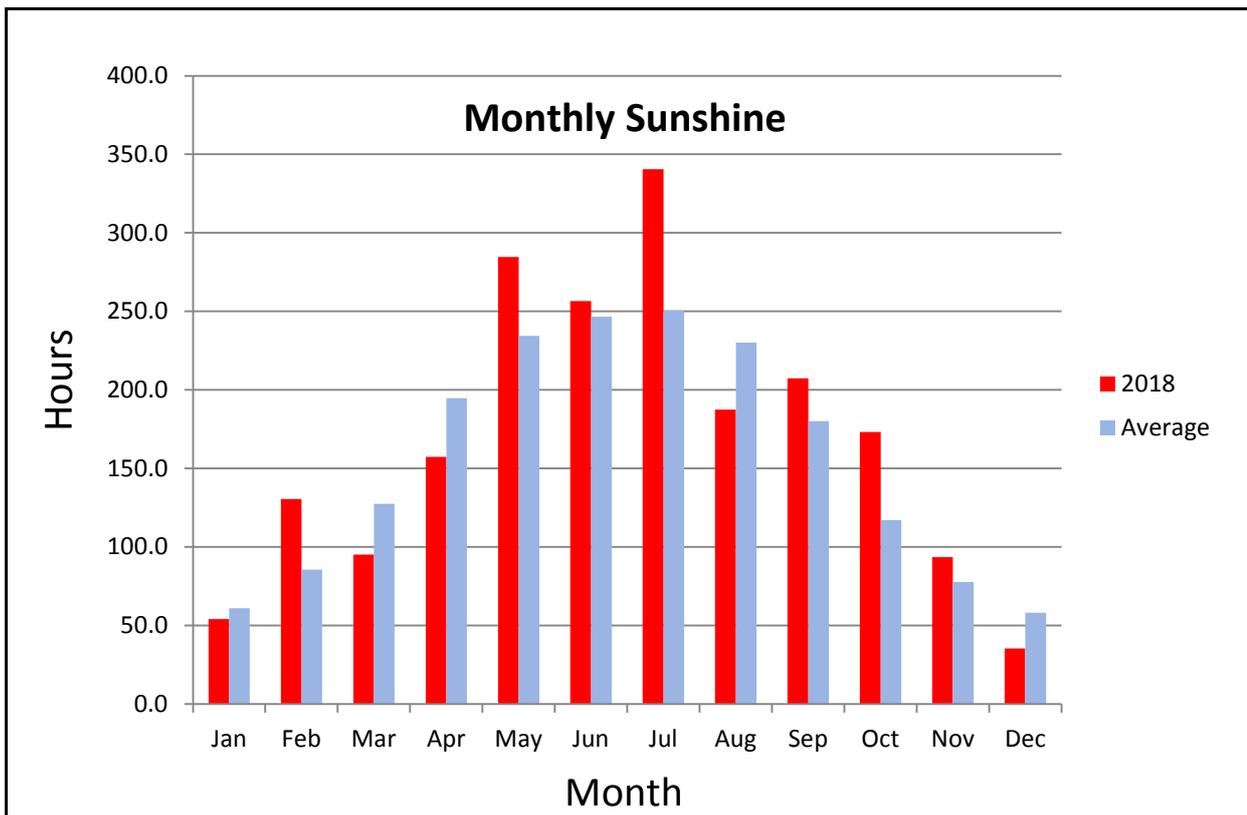
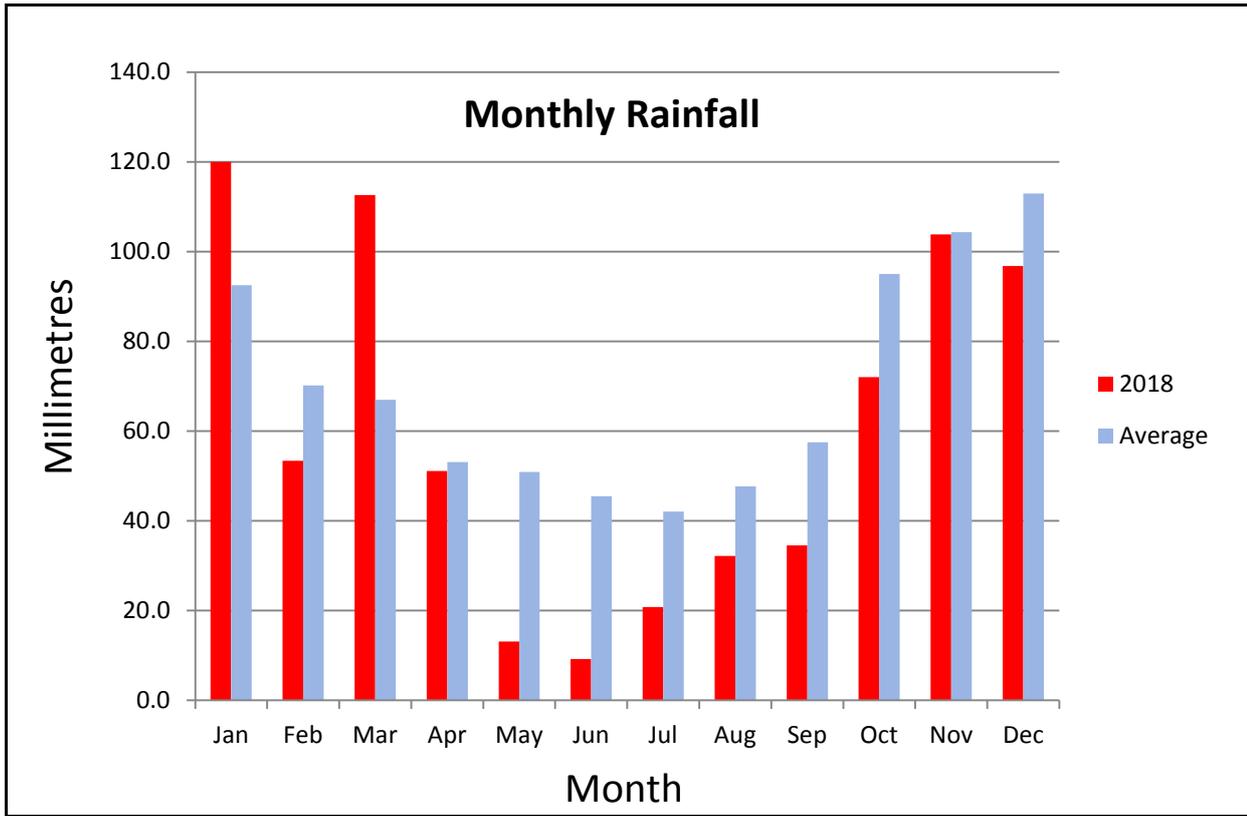
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - NOVEMBER 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.				9a.m.	MEAN
Thu	1	1006.9	12.7	9.0	10.9	8.6	10.8	13.3	280	17	9.8	26	0.4	1.5	Cloudy with isolated showers. Excellent visibility	
Fri	2	1025.0	13.2	7.3	10.3	-0.6	10.3	13.1	060	02	4.8	17	NIL	8.4	Fine	
Sat	3	1026.0	13.0	9.9	11.5	0.5	10.4	13.0	200	16	15.6	26	1.1	8.2	Fine	
Sun	4	1010.6	11.7	10.0	10.9	8.9	10.8	12.8	170	14	15.4	28	0.2	NIL	Cloudy, rain/drizzle for a time in the morning	
Mon	5	1001.6	14.4	10.3	12.4	8.2	10.9	12.7	150	14	11.2	20	TR(dew)	0.2	Cloudy	
Tue	6	999.6	14.7	12.3	13.5	9.8	11.3	12.7	180	11	16.4	42	0.5	5.3	Fair bec cloudy with rain from late eve	
Wed	7	992.2	13.7	9.8	11.8	11.1	11.9	12.7	200	27	20.5	40	6.4	1.2	Cloudy & windy with sct showers am, isolated showers pm	
Thu	8	1014.3	13.1	10.2	11.7	6.6	11.3	12.8	170	20	17.9	32	0.1	3.6	Fair becoming cloudy late morning	
Fri	9	1007.1	13.4	10.0	11.7	9.4	11.3	12.8	230	17	20.5	47	8.8	3.6	Cloudy. Storm force winds and rain, occn hvy, from mid pm. Gale	
Sat	10	996.2	14.0	11.2	12.6	9.4	11.5	12.7	210	14	16.1	28	1.2	3.2	Cloudy with isol showers	
Sun	11	999.9	13.9	10.8	12.4	8.5	11.5	12.7	230	17	16.2	36	TR	4.6	Cloudy with showers early, fine pm, cloudy eve	
Mon	12	1010.7	14.4	11.7	13.1	9.6	11.5	12.7	210	13	15.1	31	1.1	7.4	Fair to fine.	
Tue	13	1023.7	14.1	9.2	11.7	7.8	11.5	12.7	260	12	14.2	33	NIL	6.7	Fine becoming cloudy during the day	
Wed	14	1023.2	12.8	10.2	11.5	8.7	11.3	12.7	170	11	12.1	24	TR(fog)	6.1	Fair bec cloudy from early evening	
Thu	15	1019.6	13.1	11.3	12.2	10.4	11.5	12.6	150	13	11.1	22	TR	NIL	Fog by dawn, mist + low cloud pm	
Fri	16	1023.3	13.2	10.9	12.1	10.9	11.8	12.6	120	07	9.3	18	TR	NIL	Cldy & misty, fog by dawn, occn light drz am. Fog clrng mid eve	
Sat	17	1022.1	11.3	7.2	9.3	9.0	11.8	12.6	080	11	13.0	33	NIL	3.1	Fog early slowly clrng to mist/low cloud until midday. Fair pm	
Sun	18	1022.2	9.9	6.3	8.1	4.6	10.6	12.6	080	14	15.8	30	NIL	8.3	Fine	
Mon	19	1016.6	9.5	5.4	7.5	5.9	10.0	12.6	070	19	15.4	34	7.4	4.2	Fine bec cloudy late am, showers from late pm, some with hail	
Tue	20	1005.5	6.6	3.0	4.8	0.6	9.2	12.4	090	11	8.0	27	15.6	0.1	Cloudy with scattered showers	
Wed	21	1007.8	9.3	3.6	6.5	1.4	8.7	12.2	210	12	13.0	23	NIL	5.5	Cldy with sct shwrs, T&L, clrng after dawn. Bec fair then fine pm	
Thu	22	1014.0	8.1	4.2	6.2	2.4	8.3	11.9	100	18	13.2	26	TR	0.1	Low cloud throughout day. Isolated shower mid pm	
Fri	23	1011.0	10.5	8.0	9.3	6.0	8.8	11.6	130	13	11.2	22	13.3	0.6	Cldy with shwrs from mid pm, persistant rain thru eve, occn heavy	
Sat	24	1007.8	11.7	7.5	9.6	7.1	9.3	11.5	020	03	5.4	16	3.6	2.3	Rain bec shwrs around dawn, fair with shwrs pm	
Sun	25	1007.0	11.4	5.8	8.6	0.0	8.2	11.4	060	07	6.8	19	9.4	3.1	Some fair periods, scattered showers.	
Mon	26	1012.8	9.8	6.0	7.9	4.0	9.2	11.4	030	05	5.2	17	3.4	2.7	Cloudy with shwrs am, fair pm, fine eve. Bec cldy late eve	
Tue	27	1013.8	11.7	5.8	8.8	-1.0	8.9	11.3	180	14	13.3	33	15.0	NIL	Low cloud, mist and rain	
Wed	28	1010.0	13.4	10.1	11.8	9.6	10.0	11.2	200	19	18.0	37	3.8	NIL	Cldy with rain & mist am & late pm & eve. Fog eve	
Thu	29	1000.5	13.6	11.2	12.4	10.6	10.7	11.2	190	26	21.4	45	7.4	0.3	Cloudy with showers, occn fair pm. Heavy showers eve	
Fri	30	1010.3	11.8	9.0	10.4	7.9	10.4	11.3	250	16	15.6	34	5.1	3.3	Fair periods and isolated showers	
MEAN	1011.4	12.1	8.6	10.4	6.5	10.5	12.3	S	13.8	13.4	TOTAL	103.8	93.6			
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			
		18	15	0	1	1	1	0	2	4	2	1	5	TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947													RAINFALL	622.7 mm	SUNSHINE	1980.5 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	146	SUNLESS DAYS	40			
DAY/YEAR	15th/1975	YEAR	1978	DAY/YEAR	28th/2010	YEAR	2015	YEAR	2006	WET DAYS	109					
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							

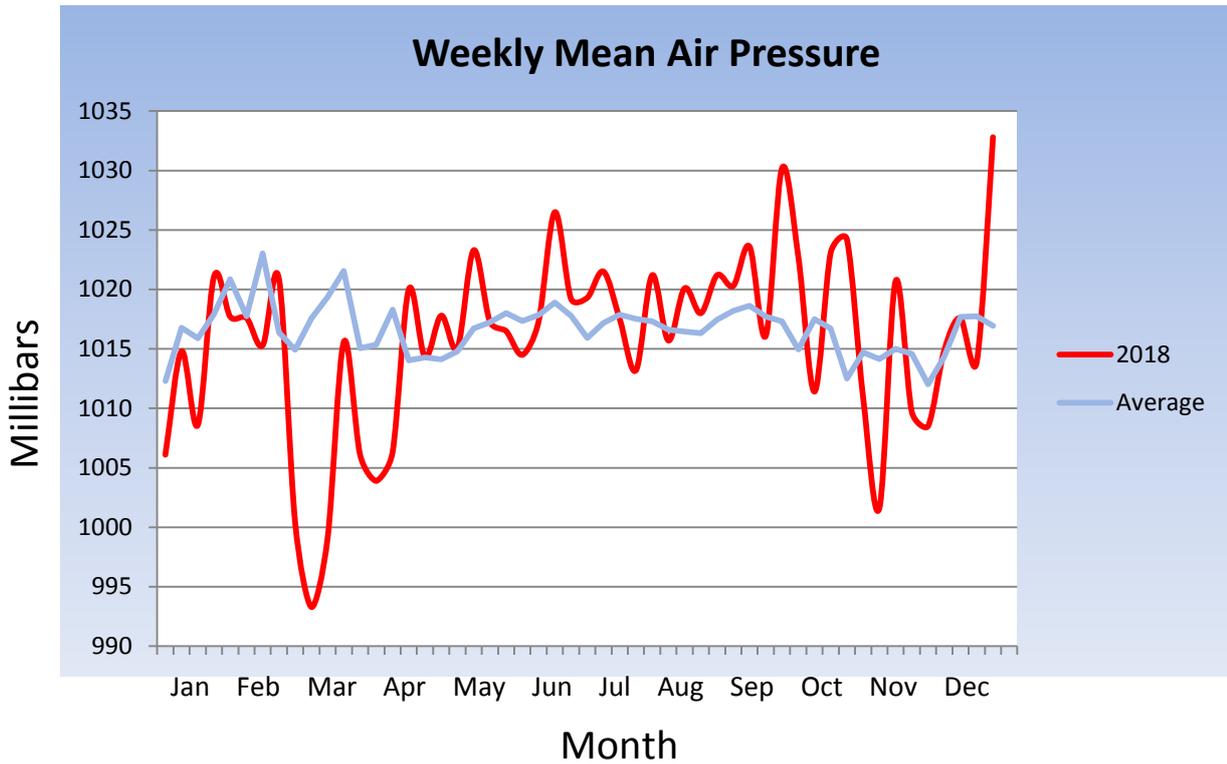
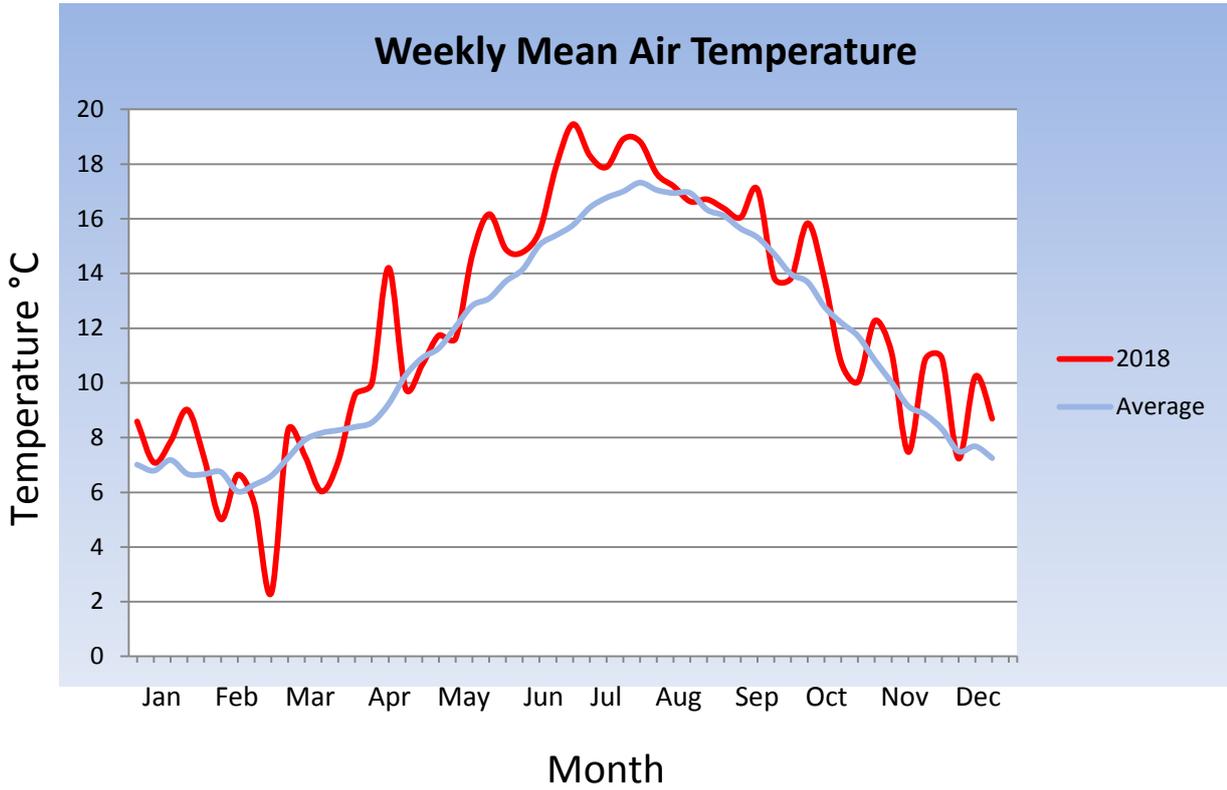
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - DECEMBER 2018

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER				
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm	hrs
Sat	1	1004.6	13.2	9.7	11.5	7.3	10.2	11.3	210	17	17.5	33	7.6	NIL	Overcast with rain, drz & mist. Fog late am to eve. Hvy rain late eve				
Sun	2	1003.4	13.5	13.0	13.3	12.5	11.2	11.3	250	20	21.0	35	4.7	NIL	Cloudy with rain, drizzle mist & fog patches. Shwrs eve				
Mon	3	1002.8	13.6	10.4	12.0	11.6	11.6	11.4	240	23	19.1	38	1.2	1.5	Cloudy with showers am, fair with isol shwr pm				
Tue	4	1022.3	11.4	7.3	9.4	1.1	11.0	11.5	020	02	7.7	22	3.0	2.8	Iso shwr early am, fine bec cloudy by noon. Rain, drz & fog eve				
Wed	5	1017.0	12.8	11.1	12.0	9.4	11.0	11.6	180	14	13.6	25	6.6	NIL	Cloudy, rain/drizzle pm, heavy for a time				
Thu	6	1019.4	12.7	11.2	12.0	10.7	11.4	11.6	260	15	17.0	31	6.9	NIL	Clidy with drz to mid am; rain, drz, mist & fog patches from mid pm				
Fri	7	1006.2	12.6	7.4	10.0	9.8	11.5	11.6	280	19	23.3	44	3.2	2.0	Cloudy with rain, occ hvy am. Rain & hail showers pm, occ fair				
Sat	8	1014.1	12.3	8.8	10.6	5.8	10.6	11.7	260	23	26.8	46	1.9	NIL	Rain, drz & mist am, clrng to rain & hail shwrs pm. Gale late eve				
Sun	9	1014.0	11.9	9.2	10.6	7.6	10.5	11.6	290	25	22.8	48	0.4	1.8	Fair with occasional showers				
Mon	10	1030.7	11.3	7.7	9.5	6.3	10.1	11.6	320	08	7.5	24	NIL	2.4	Isolated shower am, then fair with sunny periods am				
Tue	11	1025.2	10.2	7.3	8.8	0.9	9.5	11.6	160	10	9.8	21	TR	0.4	Fair became cloudy by dawn				
Wed	12	1019.6	8.4	5.4	6.9	6.6	9.6	11.4	140	13	14.9	29	NIL	NIL	Low cloud, isolated rain early am. Cloudy pm				
Thu	13	1010.3	5.8	3.6	4.7	3.3	8.7	11.3	120	18	17.8	33	NIL	NIL	High cloud				
Fri	14	1021.1	4.9	1.5	3.2	-0.4	7.9	11.2	110	12	13.4	25	10.1	1.9	Sunny periods am becoming cloudy from noon				
Sat	15	1011.8	12.2	4.3	8.3	2.6	7.5	11.0	150	19	20.6	35	7.3	NIL	Persis rain, mist. Occ fog. Clrng eve				
Sun	16	1008.0	10.6	8.0	9.3	5.0	8.2	10.7	200	13	15.0	31	5.1	NIL	Cloudy with shwrs, more freq pm, clrng late pm to fair				
Mon	17	1019.8	11.4	8.9	10.2	6.5	8.3	10.6	230	11	13.8	26	TR	3.7	Fair or fine				
Tue	18	1009.4	11.0	8.1	9.6	7.9	8.8	10.5	160	24	20.0	37	6.5	NIL	Rain, occ heavy, clearing early eve to isol shwrs				
Wed	19	1007.6	10.2	8.1	9.2	6.1	8.7	10.5	220	14	16.4	40	4.7	3.0	Sunny periods and scattered showers				
Thu	20	1011.4	11.4	5.8	8.6	4.8	8.7	10.4	260	18	18.0	33	7.9	3.3	Fine, early isol rain/hail shwrs, T&L. Clidy pm, drz & mist/fog eve				
Fri	21	1006.3	12.6	11.0	11.8	9.1	9.6	10.4	260	23	21.8	45	TR	1.3	Rain & drizzle clearing to fair pm. Isol showers eve				
Sat	22	1019.5	12.3	9.3	10.8	9.5	9.9	10.4	260	16	15.1	34	12.5	0.9	Cloudy, occ shower am				
Sun	23	1019.4	12.4	10.8	11.6	7.0	10.3	10.5	250	21	18.2	33	4.8	NIL	Overcast with fog & drizzle				
Mon	24	1029.6	12.0	9.5	10.8	10.1	10.6	10.5	120	08	9.2	23	1.9	NIL	Cloudy with rain, drizzle & fog am, drizzle & mist pm & eve				
Tue	25	1034.0	10.8	8.6	9.7	9.6	10.5	10.7	170	09	8.5	14	NIL	NIL	Thick fog in the early hours, remained cloudy				
Wed	26	1031.0	9.2	4.0	6.6	-0.5	9.8	10.8	110	06	5.7	11	NIL	1.6	Fair with persistent high cloud some sun				
Thu	27	1026.3	9.0	3.8	6.4	-0.7	8.8	10.8	150	03	3.1	09	NIL	4.3	Fair bec fine mid pm into eve				
Fri	28	1032.1	10.5	5.0	7.8	-1.9	8.0	10.6	340	02	3.1	12	NIL	4.5	Fine bec cloudy pm occ xclnt vis				
Sat	29	1036.8	11.0	9.1	10.1	6.3	8.5	10.5	270	07	8.5	21	0.1	NIL	Cloudy with occn drizzle				
Sun	30	1038.1	10.4	8.7	9.6	8.3	9.3	10.4	280	07	7.0	16	0.4	0.1	Cloudy with occn fog, mist and drizzle				
Mon	31	1038.5	10.3	8.2	9.3	6.2	9.5	10.4	320	03	4.2	11	TR	NIL	Cloudy, with patchy drizzle				
MEAN		1019.0	11.0	7.9	9.5	6.1	9.7	11.0	W	13.6	14.2	TOTAL	96.8	35.5					
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	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN					
			19	17	0	4	1	2	0	4	12	2	1	15	TOTALS FOR YEAR TO DATE				
RECORDS FROM JANUARY 1947													RAINFALL	719.5 mm	SUNSHINE	2016.0 hrs			
WETTEST DAY		42.9	DRIEST MONTH		27.5mm	LOWEST MIN		-3.8°C	WARMEST MNTH		11.6°C	SUNNIEST MNTH		108.9hrs	RAIN DAYS	165	SUNLESS DAYS		55
DAY/YEAR		4th/2010	YEAR		2016	DAY/YEAR		24th/1963	YEAR		2015	YEAR		2001	WET DAYS	126			
WETTEST MNTH		249.6mm	HIGHEST MAX		15.6°C	LOWEST GRASS		-8.9°C	COLDEST MNTH		4.4°C	DULLEST MNTH		26.6hrs					
YEAR		1999	DAY/YEAR		6th/1953	29th/1964,27th/1995		YEAR		2010	YEAR		1966						

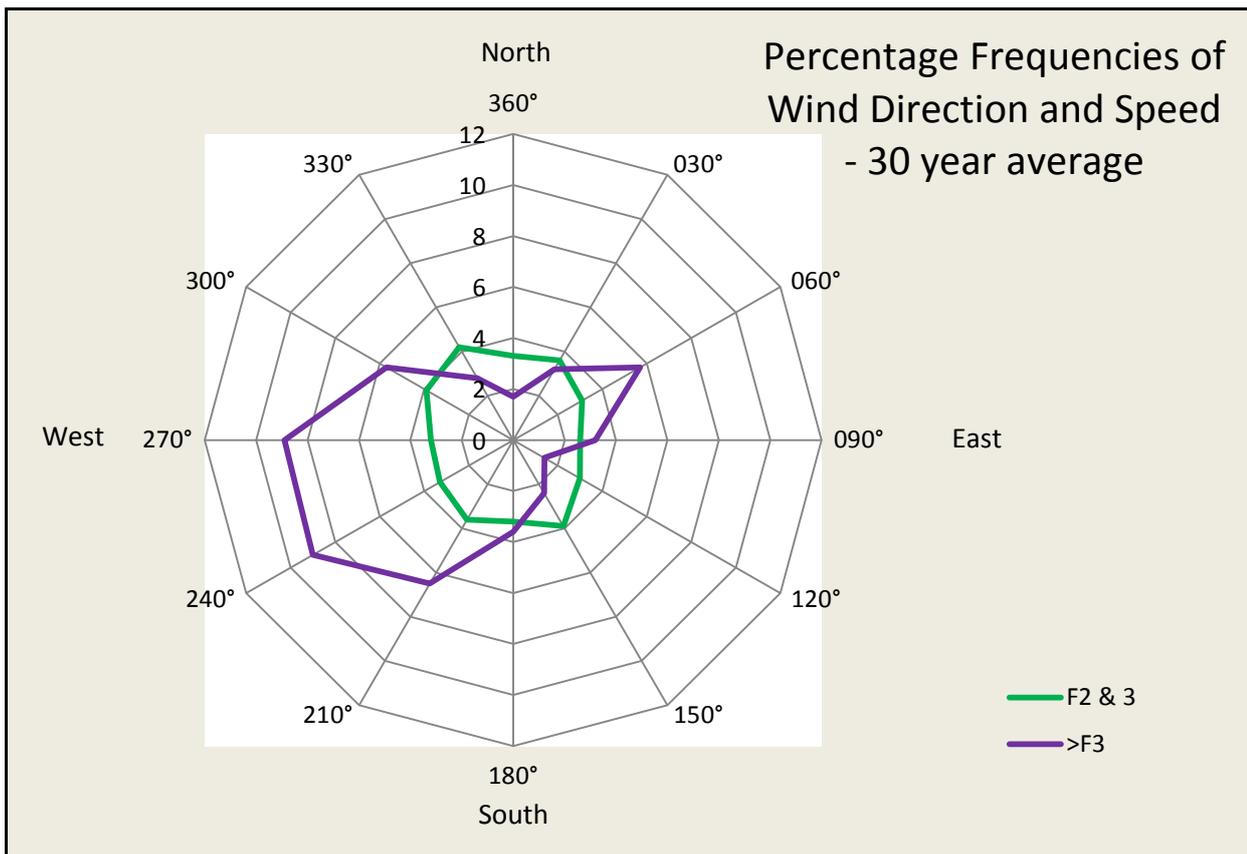
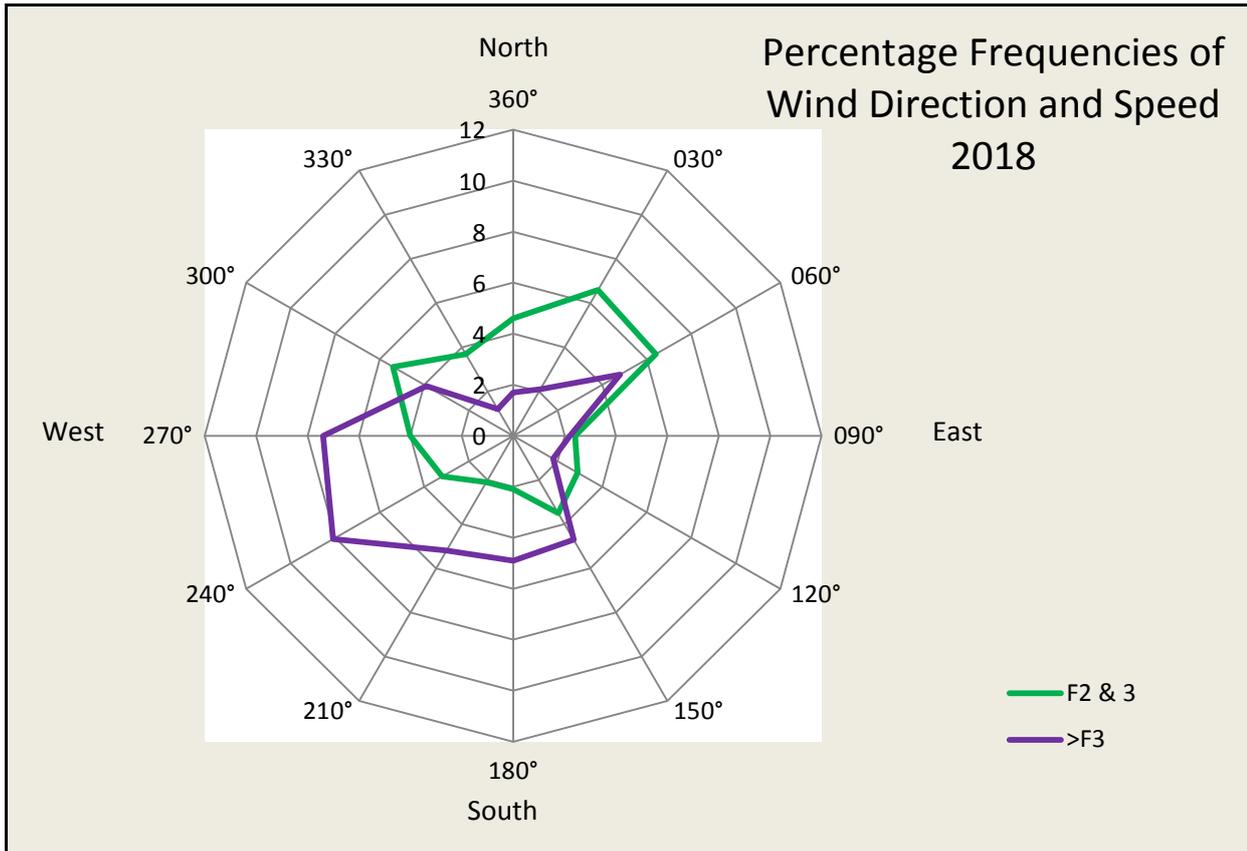
Guernsey Met Office



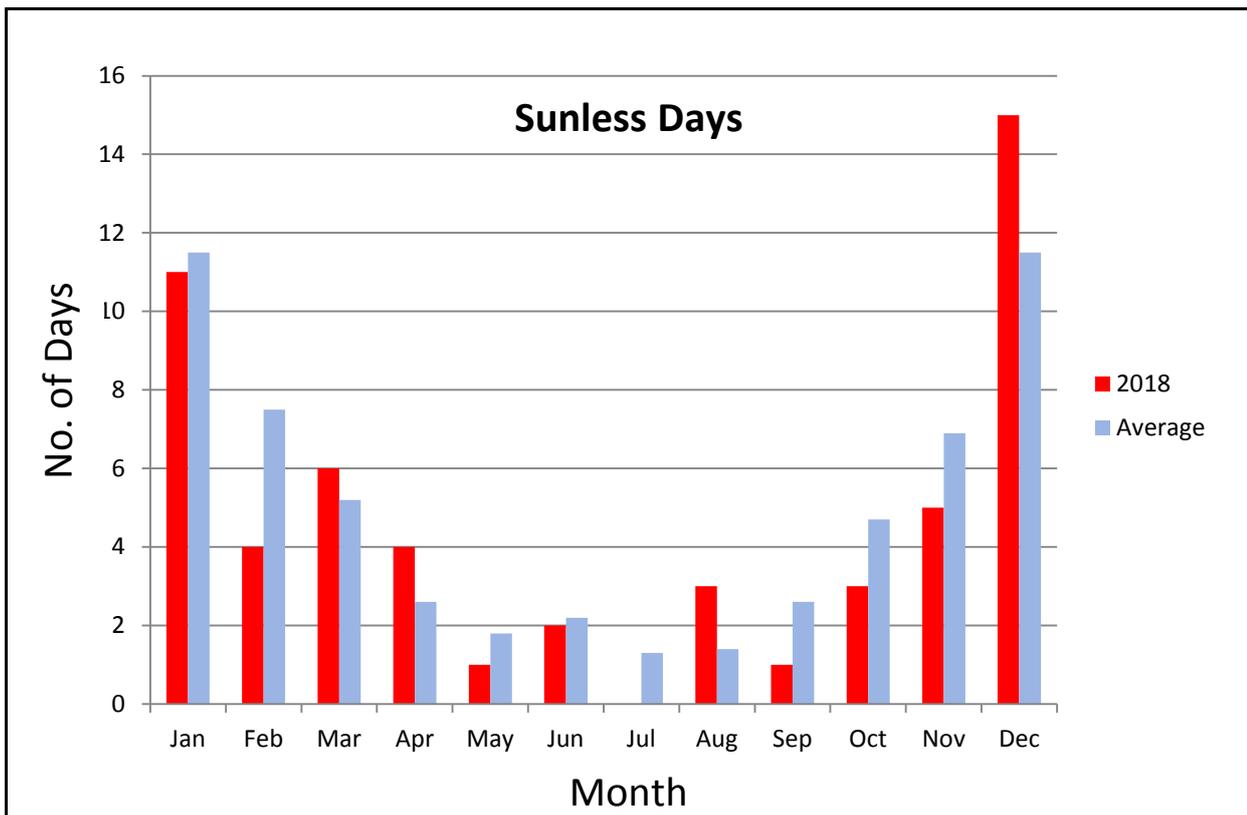
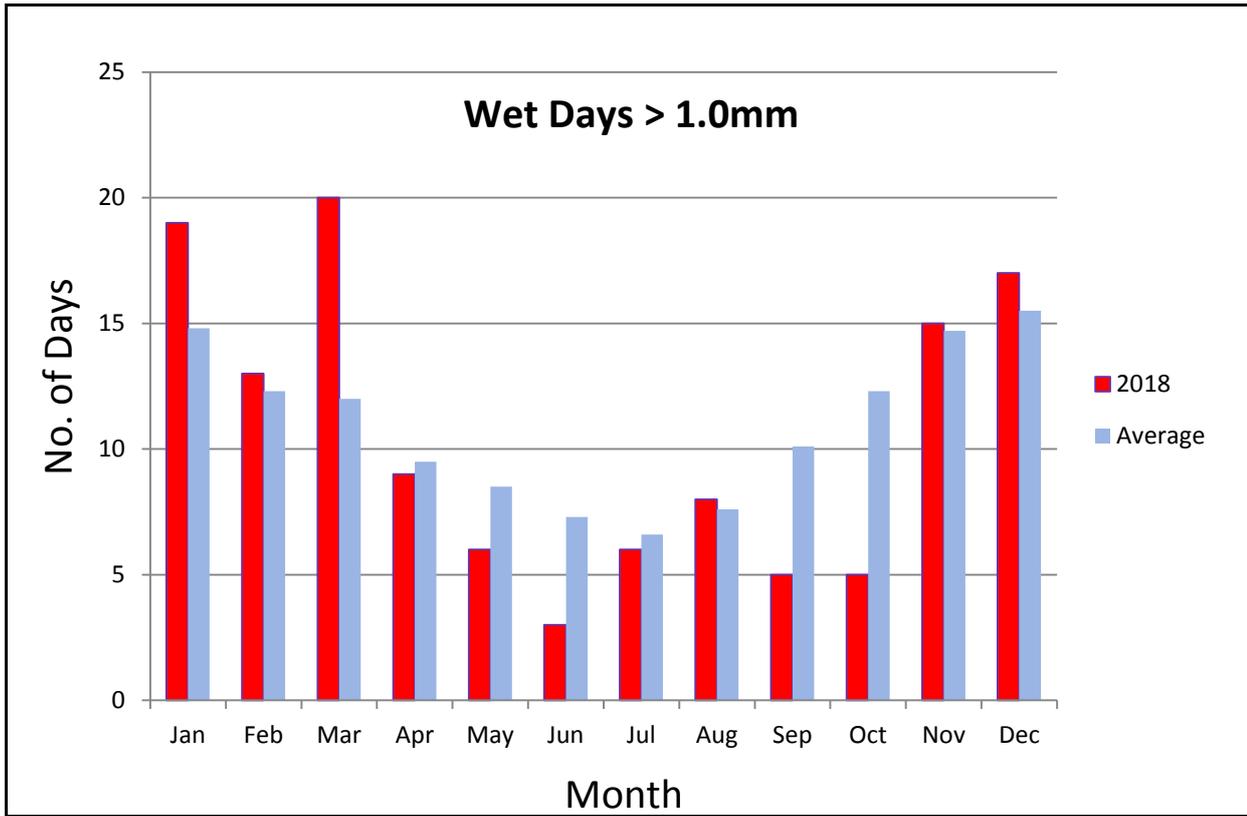
Guernsey Met Office



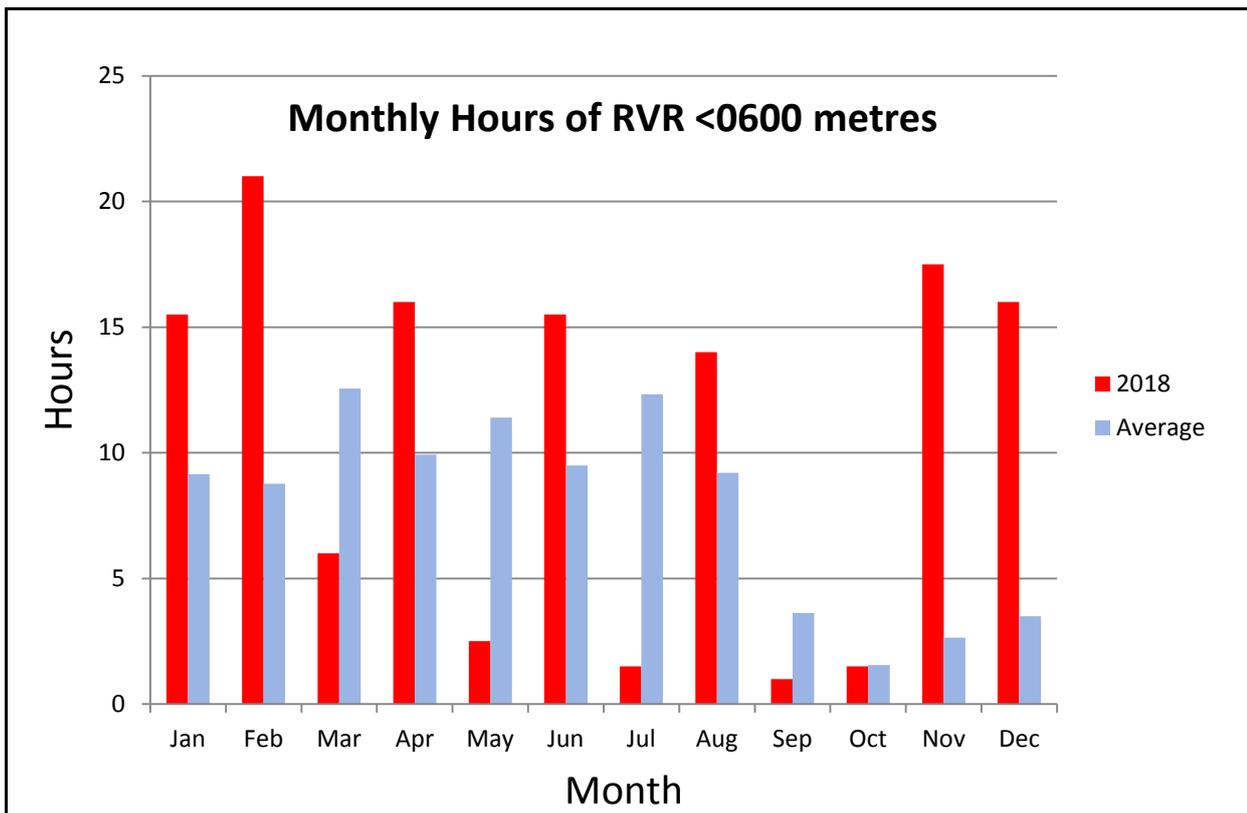
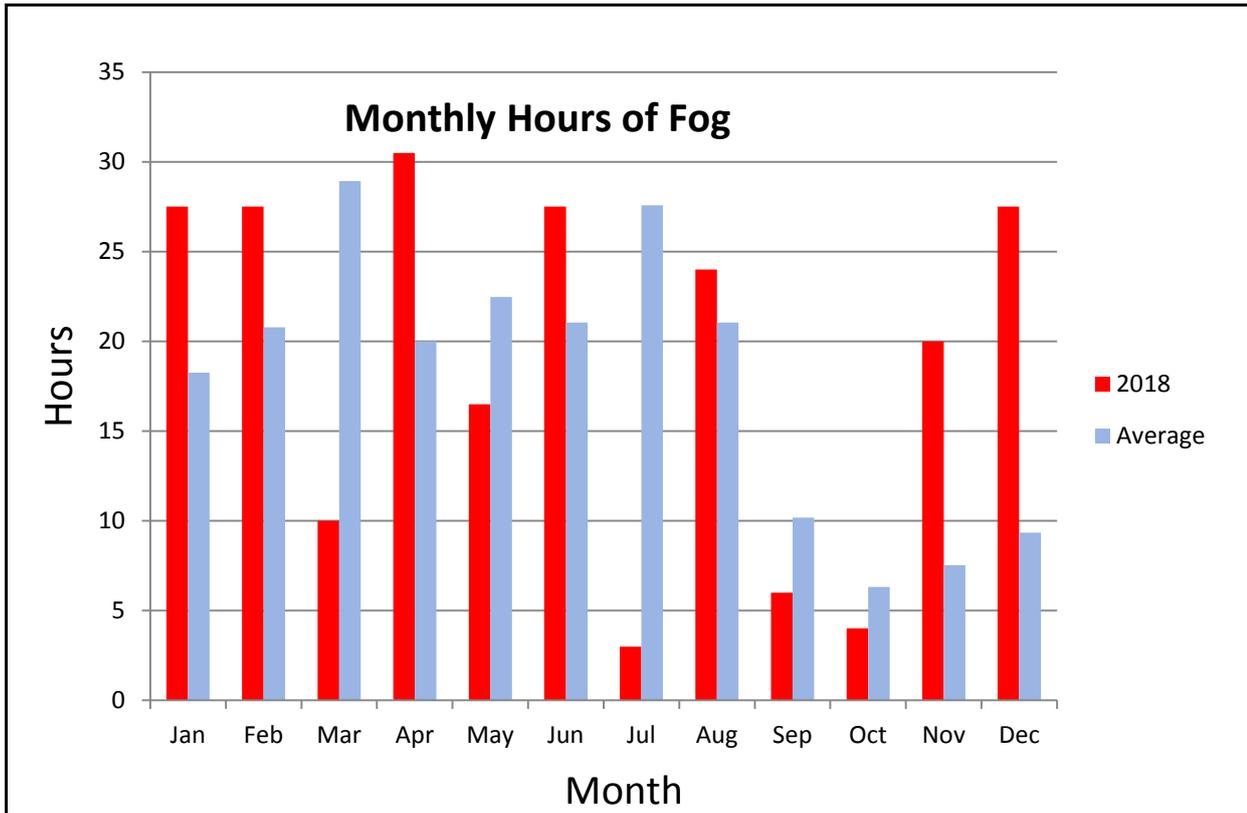
Guernsey Met Office



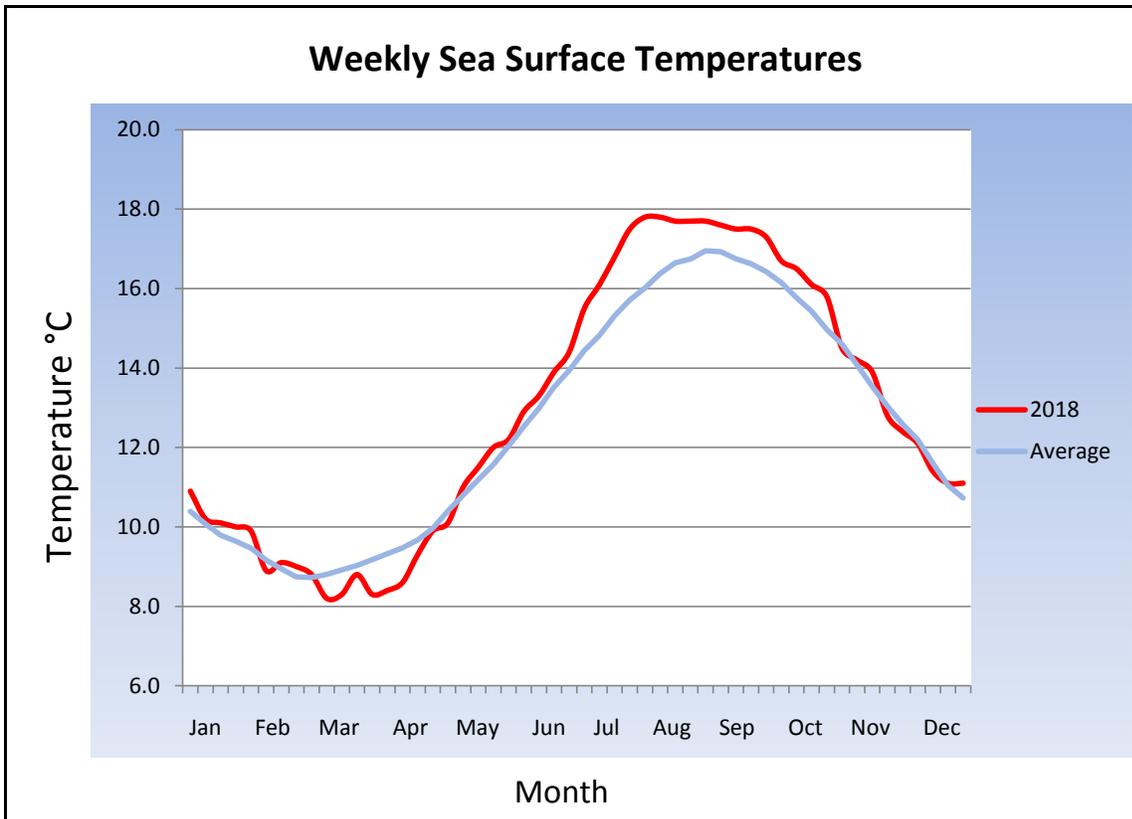
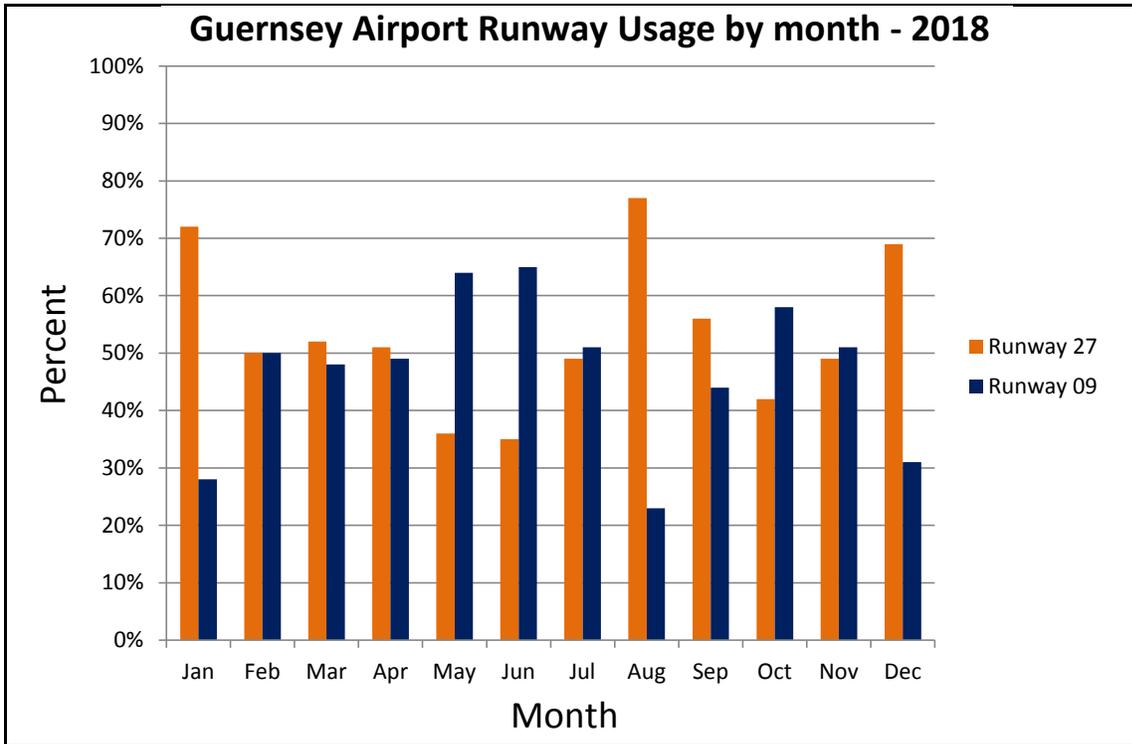
Guernsey Met Office



Guernsey Met Office



Guernsey Met Office



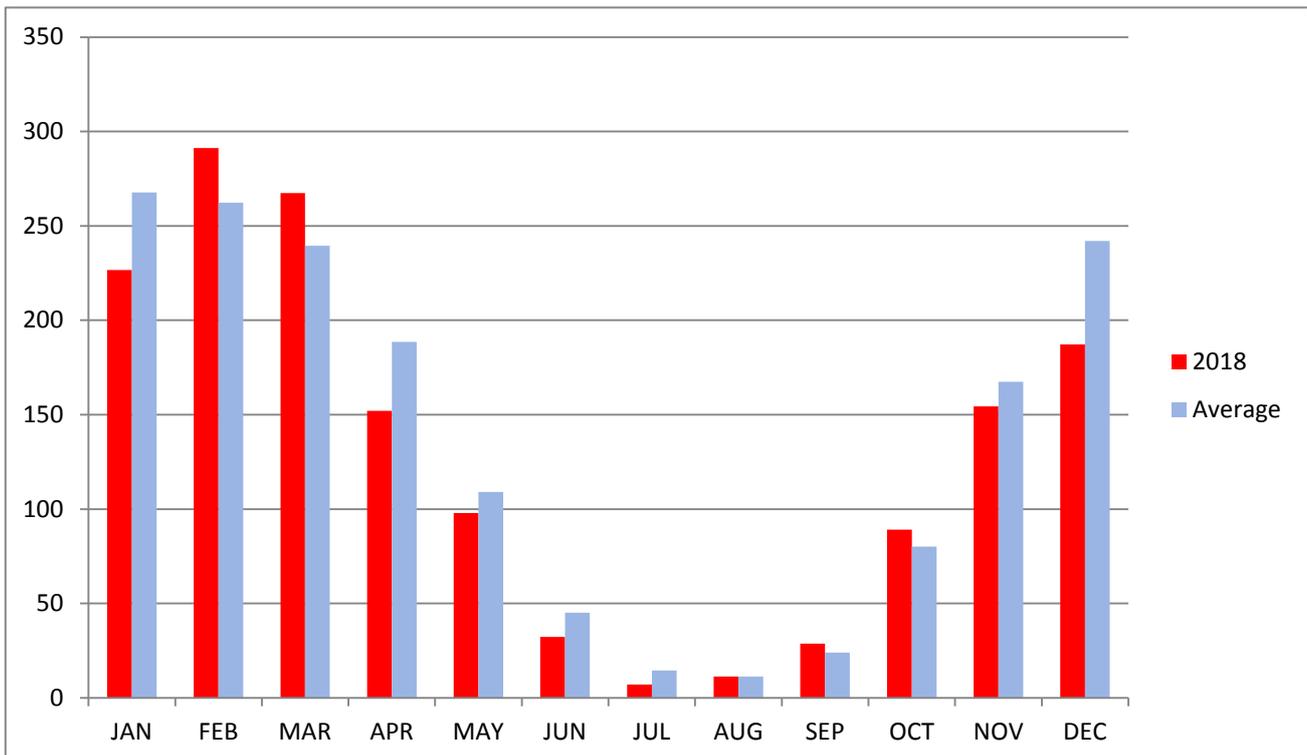
Guernsey Met. Office

Degree Days

Monthly accumulated Degree Days below 15.5°C
 (Average figures use data from 1981 - 2010)

	2018	Average
JAN	226.6	267.7
FEB	291.3	262.3
MAR	267.4	239.5
APR	152	188.6
MAY	98	109.1
JUN	32.3	45.1
JUL	7.1	14.5
AUG	11.4	11.4
SEP	28.7	24.0
OCT	89.1	80.2
NOV	154.4	167.5
DEC	187.2	242.0
YEAR	1545.5	1651.9

Accumulated Degree Days



Guernsey Met Office

2019 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)
04 Sat	May	06:11	8.8	18:30	8.9	00:12	1.8	12:31	1.6
05 Sun	May	06:48	9.0	19:04	9.1	00:49	1.5	13:07	1.4
11 Sat	May	10:56	7.5	23:18	7.6	04:44	2.7	17:11	3.1
12 Sun	May			12:09	7.2	05:55	3.0	18:30	3.4
18 Sat	May	05:57	9.2	18:21	9.4	00:00	1.2	12:25	1.1
19 Sun	May	06:41	9.4	19:02	9.5	00:45	1.0	13:07	1.0
25 Sat	May	10:28	7.2	22:42	7.2	04:28	3.1	16:40	3.5
26 Sun	May	11:20	6.8	23:41	6.8	05:19	3.5	17:36	3.9
01 Sat	June	04:53	8.1	17:16	8.4	11:14	2.2	23:36	2.1
02 Sun	June	05:37	8.5	17:57	8.7	11:57	1.8		
08 Sat	June	09:58	8.3	22:15	8.4	03:53	1.9	16:13	2.3
09 Sun	June	10:53	7.9	23:13	8.0	04:47	2.3	17:10	2.7
15 Sat	June	04:46	8.4	17:13	8.7	11:13	1.9	23:37	1.8
16 Sun	June	05:35	8.6	17:58	8.9			12:01	1.8
22 Sat	June	09:28	7.9	21:39	7.9	03:31	2.4	15:40	2.8
23 Sun	June	10:05	7.5	22:17	7.6	04:06	2.8	16:15	3.2
29 Sat	June	03:17	7.4	15:47	7.7	09:42	2.9	22:09	2.8
30 Sun	June	04:13	7.8	16:39	8.1	10:36	2.5	23:02	2.3
06 Sat	July	09:04	9.1	21:19	9.2	03:04	1.1	15:22	1.5
07 Sun	July	09:51	8.8	22:07	8.9	03:51	1.4	16:09	1.8
13 Sat	July	03:26	7.6	15:59	7.8	09:56	2.8	22:25	2.7
14 Sun	July	04:26	7.8	16:53	8.1	10:53	2.6	23:19	2.4
20 Sat	July	08:36	8.4	20:46	8.5	02:39	1.9	14:50	2.2
21 Sun	July	09:08	8.2	21:18	8.3	03:10	2.2	15:19	2.5
27 Sat	July	01:10	7.0	13:51	7.1	07:45	3.5	20:22	3.5
28 Sun	July	02:29	7.2	15:05	7.4	08:59	3.3	21:34	3.1
03 Sat	August	08:08	9.6	20:23	9.9	02:09	0.7	14:28	0.9
04 Sun	August	08:52	9.5	21:07	9.7	02:54	0.6	15:12	0.9
10 Sat	August	01:42	7.0	14:29	7.1	08:17	3.5	20:58	3.5
11 Sun	August	03:08	7.0	15:41	7.3	09:37	3.4	22:11	3.2
17 Sat	August	07:41	8.7	19:53	8.9	01:45	1.7	13:59	1.9
18 Sun	August	08:13	8.7	20:24	8.8	02:17	1.7	14:28	1.9
24 Sat	August	11:44	7.1			05:36	3.5	18:05	3.7
25 Sun	August	00:20	7.0	13:01	7.0	06:50	3.7	19:37	3.7
31 Sat	August	07:06	9.7	19:22	10.1	01:07	0.7	13:27	0.7
01 Sun	September	07:50	9.9	20:06	10.2	01:53	0.4	14:12	0.5
07 Sat	September			12:22	7.0	06:15	3.6	18:52	3.8
08 Sun	September	01:05	6.6	14:01	6.7	07:39	4.1	20:34	3.9
14 Sat	September	06:41	8.8	18:56	9.1	00:47	1.8	13:02	1.8
15 Sun	September	07:14	8.9	19:28	9.1	01:19	1.6	13:33	1.7
21 Sat	September	10:14	7.6	22:41	7.4	04:12	3.1	16:32	3.3
22 Sun	September	11:08	7.2	23:48	6.9	05:00	3.5	17:31	3.7
28 Sat	September	06:00	9.5	18:17	9.9	00:00	1.1	12:21	1.0
29 Sun	September	06:45	9.9	19:02	10.2	00:47	0.6	13:08	0.6

**Appendix IX – Reproduced by kind permission of La Société Guernesiaise
Astronomy Section**

La Société Guernesiaise Astronomy Section

Astronomical events in 2019

as seen from Guernsey

compiled by David Le Conte

The main highlight year will be a transit of Mercury on 11 November. There will also be a total lunar eclipse on 21 January, coinciding with a supermoon.

PLANETS

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

Date	Elongation	Direction	Time
27 February	18° Eastern	Low in West	After sunset
11 April	28° Western	Low in East	Before sunrise
23 June	25° Eastern	Low in West	After sunset
09 August	19° Western	Low in East	Before sunrise
20 October	25° Eastern	Low in West	After sunset
28 November	20° Western	Low in East	Before sunrise

On the evening of 18 June Mercury will be just 0.2° above Mars.

On 11 November there will be a transit of Mercury across the face of the Sun for 5½ hours, almost four hours of which will be visible from our location. It will start at 12.35 pm. The small black disc of the planet will be seen crossing from the Sun's left side, almost across the centre of the solar disc, mid-transit being at 3.20 pm. The transit will end at 6.00 pm, but by then the Sun and Mercury will have set, at 4.30 pm. We will, however, have seen most of the transit.

It is dangerous to stare at the Sun or to observe it through any optical instrument. At just 10 arc-seconds the disc of Mercury is too small to see through eclipse glasses, so magnification will be required, eg a telescope or binoculars. They must, however, be protected by specialist solar filters. The Astronomy Section's observatory has appropriate equipment to provide safe observation, including a heliostat which projects a solar image onto a screen.

Transits of Mercury are quite rare, but occur much more frequently than transits of Venus. The last transit of Mercury was in 2016, and we were fortunate to observe it on that occasion, as we were in 2003. (The 2006 transit happened during our night-time.) We will have to wait until 2032 for the next one!

Venus will start the year as the "Morning Star" in the eastern pre-dawn sky, reaching greatest western elongation (47°) on 06 January. It will be at superior conjunction on 14 August, and by October will appear in the evening sky for the rest of the year. On the morning of 01 February a very thin crescent Moon will lie between Saturn, Venus and Jupiter low in the southeast sky.

Mars will start the year as an evening object in the west, decreasing in altitude and disappearing by July. It will reach solar conjunction on 02 September, reappearing in October in the east before sunrise. It will remain a distant and small object during the year, not reaching opposition until October 2020.

At the beginning of the year **Jupiter** will be a morning object in the southeast before sunrise. It will reach opposition on 10 June in Ophiuchus, and will then remain an evening object until for the rest of the year, however never reaching a high altitude. On the evening of 09 August it will be just 1.6° from the Moon.

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 2019 BAA Handbook (pages 60-68). 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 in conjunction with the Sun, and therefore invisible. It will start appearing in February, low in the southeast before sunrise, rising earlier as the months go by. Opposition will be on 09 July in Sagittarius, 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 for the rest of the year. The rings are at a good angle for observation, and its brightest moons, especially Titan, should also be visible.

Saturn has several close visual encounters with the Moon this year. The first is on the morning of 02 February. As the Moon rises in the south-east at 06.16 am Saturn will be behind it, re-emerging from this very brief occultation at 06.30 am. The second is on 29 March at 04.30, when Saturn will be 0.6° above the Moon. And on 05 October at 9.30 pm Saturn will be 1.1° above the Moon, very low in the south-west.

Uranus will be at opposition in Aries on 28 October, at magnitude 5.7. **Neptune** will be at opposition in Aquarius on 10 September, at magnitude 7.8.

PHASES OF THE MOON

New Moon	First Quarter	Full Moon	Last Quarter
Jan 06	Jan 14	Jan 21	Jan 27
Feb 04	Feb 12	Feb 19	Feb 26
Mar 06	Mar 14	Mar 21	Mar 28
Apr 05	Apr 12	Apr 19	Apr 26
May 04	May 12	May 18	May 26
Jun 03	Jun 10	Jun 17	Jun 25
Jul 02	Jul 09	Jul 16	Jul 25
Aug 01	Aug 07	Aug 15	Aug 23
Aug 30	Sep 06	Sep 14	Sep 22
Sep 28	Oct 05	Oct 13	Oct 21
Oct 28	Nov 04	Nov 12	Nov 19
Nov 26	Dec 04	Dec 12	Dec 19
Dec 26			

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 2019 there will be three such moons: on 21 January, 19 February, and 21 March.

DWARF PLANETS AND ASTEROIDS

Pluto will reach opposition on 14 July in Sagittarius, at magnitude 14.2. **Ceres** will be at opposition on 29 May in Scorpius, 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 11 November, when it will be magnitude 6 in Cetus, and about 6° from the Full Moon.

ECLIPSES

Every year there are at least four eclipses: two solar and two lunar. This year there are three solar and two lunar eclipses, but only the lunar ones are visible from Guernsey.

Our best eclipse this year is a total lunar one on the night of 20/21 January in the early hours of the morning. The Moon will start entering the penumbra of the Earth's shadow at 02.35 am and the umbra at 03.33 am, with the Moon then at an altitude of 41°. Totality runs from 04.40 to 05.43 am, mid-eclipse being at 05.12 am. The Moon will leave the umbra at 06.50 am (being then just 10° above the western horizon) and the penumbra at 07.49 am. This is a non-central eclipse, the Moon being towards the top of the shadow. If you want to watch just the main part of the eclipse I suggest good times would be 4.30 to 6.00 am. It should be a nice sight in binoculars, especially as it coincides with a 'supermoon'.

The second lunar eclipse is a partial one, on 16 July. The penumbral part of the eclipse starts while the Moon is still below the horizon. The umbral part starts as the Moon rises, at 9.00 pm, in the south-east. Maximum eclipse occurs at 10.30 pm, the Moon then being 66% eclipsed. The umbral phase ends at midnight, and the penumbral phase at 01.20 am. Times for this eclipse are in BST.

The solar eclipses occur on 06 January (a partial one, not visible from Guernsey), 02 July (a total one visible from the South Pacific and South America), and 26 December (an annular solar eclipse visible in the UAE, Oman, India and Asia). 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

Saturn will be occulted on the morning of 02 February. For details see above.

LUNAR CONJUNCTIONS

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

03 January	Jupiter	Low in east before sunrise	1.8°
12 January	Mars	South-west in evening	5.5°
01 February	Venus	Low in south-east before sunrise	5.8°
29 March	Saturn	Low in south-east in early morning	0.9°
02 April	Venus	Low in south-east before sunrise	3.1°
20 May	Jupiter	Very low in south-east after sunset	2.9°
22 May	Saturn	Very low in south-east around midnight	1.4°
19 June	Saturn	Low in south in morning	0.9°
13 July	Jupiter	Low in south after sunset	1.3°
16 July	Saturn	Very low in south-west before sunrise	2.3°
09 August	Jupiter	Low in south-west in evening	1.6°
08 September	Jupiter	Low in south after sunset	2.3°
03 October	Jupiter	Low in south-west in evening	1.0°
05 October	Saturn	Low in south in evening	1.1°
26 October	Mars	Very low in west after sunset	3.9°
24 November	Mars	South-east before sunrise	3.6°

Lunar conjunctions, continued

28 November	Venus & Jupiter	Low in south-west after sunset	1.0 & 2.4°
29 November	Saturn	Low in south-west after sunset	2.1°
23 December	Mars	Low in south-east before sunrise	2.6°

PLANETARY CONJUNCTIONS

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

22 January	Venus and Jupiter	Morning in the east	2.5°
18 February	Venus and Saturn	Morning in the east	1.0°
10 April	Venus and Neptune	Morning in the east	0.3°
18 May	Venus and Uranus	Morning in the south-east	1.1°
18 June	Mercury and Mars	Very low in north-west after sunset	0.2°

METEORS

The **Quadrantids** will peak on the night of 03/04 January, with about 10 per hour, the Moon being quite favourable. The **Perseids** will peak on the night of 12/13 August, with some 80 per hour, but the bright Moon will affect visibility of the fainter ones. The normally richest annual shower, the **Geminids**, will peak on the night of 13/14 December, but the Full Moon will badly affect visibility. By shielding the Moon it may still be possible to see about 20 per hour.

There are, of course, minor meteor showers during the year, and sporadics may be seen at any time. For shower details see the 2019 BAA Handbook, pp99-101. More details are at <https://www.imo.net/files/meteor-shower/cal2019.pdf>.

COMETS

Comet 46P/Wirtanen may be a naked-eye object at the beginning of the year, fading to a binocular object in February, and still a telescopic object into March. Being in Ursa Major, it will be well-placed for observation.

Detailed comet predictions for 2019 are available on the website of the British Astronomical Association's Comet Section: <http://www.ast.cam.ac.uk/~jds/preds19.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, not only of sunspots but also of coronal holes and coronal mass ejections, which can result in 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 2019:

Vernal Equinox	20 March	21.58 UT
Summer Solstice	21 June	15.54 BST
Autumnal Equinox	23 September	07.50 BST
Winter Solstice	22 December	04.19 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 07 February to 14 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 (25 July to 29 August). Details will appear on our website and will be sent to the local media.

Further open days will most likely be held from 10 am to 12 noon on Bank Holiday Monday, the 27th May, to observe the Sun, during the October half-term holiday (perhaps the evening of the 31st October), and possibly on the 11th November to observe the transit of Mercury.

REFERENCES

SkyMap Pro and *Starry Night Pro* software

General: <http://astropixels.com/ephemeris/astrocal/astrocal2019gmt.html>

<http://www.seasky.org/astronomy/astronomy-calendar-2019.html>

<http://www.timeanddate.com/>

Lunar occultations: <http://asa.usno.navy.mil/SecA/olist19.html>

Mercury elongations: <https://www.fourmilab.ch/images/3planets/elongation.html>

Equinoxes, etc: <https://greenwichmeantime.com/longest-day/equinox-solstice-2010-2019/>

Planetary conjunctions: <https://in-the-sky.org/article.php?term=conjunction&year=2019>

Royal Astronomical Society diary, 2019

The Handbook of the British Astronomical Association, 2019

CALENDAR OF ASTRONOMICAL EVENTS IN 2019

Month	Date	Time	Event
Jan - March		All night	Comet 46P/Wirtanen
January	03	05.20 UT	Earth at perihelion (147,099,766 km)
January	03	Before sunrise	Jupiter conjunction with Moon (1.8°)
January	03/04		Quadrantid meteor shower (favourable)
January	06	Morning	Venus at greatest western elongation (47°)
January	12	Evening	Mars conjunction with Moon (5.5°)
January	20/21	2.35 – 7.49 am	Total lunar eclipse
January	21	All night	Supermoon
January	22	Morning	Venus and Jupiter conjunction (2.5°)
February	01	Morning	Saturn, Moon, Venus and Jupiter close
February	02	6.16 – 6.30 am	Saturn occultation by Moon.
February	07	19.30 UT	WEA course starts at Observatory
February	18	Morning	Venus and Saturn conjunction (1.0°)
February	19	All night	Supermoon

Month	Date	Time	Event
February	27	After sunset	Mercury at greatest eastern elongation
March	14	19.30 UT	WEA course – final class
March	20	22.00 UT	Vernal Equinox
March	21	All night	Supermoon
March	31	01.00 UT	BST starts
March	29	Morning	Saturn and Moon conjunction (0.9°)
April	02	After sunset	Venus conjunction with Moon (3.1°)
April	10	Morning	Venus and Neptune conjunction (0.3°)
April	11	Before sunrise	Mercury at greatest western elongation
May	18	Morning	Venus and Uranus conjunction (1.1°)
May	20	After sunset	Jupiter conjunction with Moon (2.9°)
May	22	Midnight	Saturn conjunction with Moon (1.4°)
May	29	All night	Ceres at opposition (magnitude 6.8)
June	10	All night	Jupiter at opposition
June	18	Evening	Mercury 0.2° above Mars
June	19	Morning	Saturn conjunction with Moon (0.9°)
June	21	16.50 BST	Summer Solstice
June	23	After sunset	Mercury at greatest eastern elongation
July	04	23.11 BST	Earth at aphelion (152,104,278 km)
July	09	All night	Saturn at opposition
July	13	After sunset	Jupiter conjunction with Moon (1.3°)
July	14	All night	Pluto at opposition (magnitude 14.2)
July	16	Before sunrise	Saturn conjunction with Moon (2.3°)
July	16/17	21.00 - 01.20 BST	Partial lunar eclipse
July	25	Evening	Observatory Open Evenings start
August	09	Evening	Jupiter conjunction with Moon (1.6°)
August	12/13		Perseid meteor shower (unfavourable)
August	09	Before sunrise	Mercury at greatest western elongation
August	29	Evening	Observatory Open Days end
September	02	Invisible	Mars at solar conjunction
September	08	After sunset	Jupiter conjunction with Moon (2.3°)
September	10	All night	Neptune at opposition (magnitude 7.8)
September	21	16.55 BST	Autumnal Equinox
October	03	Evening	Jupiter conjunction with Moon (1.0°)
October	05	Evening	Saturn conjunction with Moon (1.1°)
October	26	After sunset	Mars conjunction with Moon (3.9°)
October	28	All night	Uranus at opposition (magnitude 5.7)
October	27	02.00 BST	BST ends
October	20	After sunset	Mercury at greatest eastern elongation
November	11	12.35 - 16.30 UT	Transit of Mercury
November	11	All night	Vesta at opposition (magnitude 6)
November	24	Before sunrise	Mars conjunction with Moon (3.6°)
November	28	Before sunrise	Mercury at greatest western elongation
November	28	After sunset	Venus & Jupiter conjunction with Moon
November	29	After sunset	Saturn conjunction with Moon (2.1°)
December	13/14		Geminid meteor shower (unfavourable)
December	22	04.21 UT	Winter Solstice
December	23	Before sunrise	Mars conjunction with Moon (2.6°)

Lihou Island - Causeway Opening Times - 2019

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

Date	Opens	Closes												
01-May		Closed	01-Jun	11:08	13:15	01-Jul	11:19	13:29	01-Aug	12:12	15:21	01-Sep	13:11	16:56
02-May	11:13	13:12	02-Jun	11:33	14:14	02-Jul	11:50	14:34	02-Aug	12:51	16:17	02-Sep	13:55	17:38
03-May	11:29	14:11	03-Jun	12:05	15:03	03-Jul	12:27	15:30	03-Aug	13:34	17:07	03-Sep	14:43	18:12
04-May	11:56	14:58	04-Jun	12:42	15:47	04-Jul	13:09	16:21	04-Aug	14:20	17:50	04-Sep	15:40	18:36
05-May	12:27	15:38	05-Jun	13:24	16:28	05-Jul	13:55	17:07	05-Aug	15:11	18:27	05-Sep	17:07	18:37
06-May	13:02	16:12	06-Jun	14:11	17:04	06-Jul	14:45	17:49	06-Aug	16:12	18:57	06-Sep		Closed
07-May	13:40	16:43	07-Jun	15:07	17:38	07-Jul	15:43	18:27	07-Aug	17:37	19:10	07-Sep		Closed
08-May	14:26	17:09	08-Jun	16:18	18:05	08-Jul	16:53	19:00	08-Aug		Closed	08-Sep		Closed
09-May	15:24	17:29	09-Jun		Closed	09-Jul		Closed	09-Aug		Closed	09-Sep		Closed
10-May		Closed	10-Jun		Closed	10-Jul		Closed	10-Aug		Closed	10-Sep		Closed
11-May		Closed	11-Jun		Closed	11-Jul		Closed	11-Aug		Closed	11-Sep		Closed
12-May		Closed	12-Jun		Closed	12-Jul		Closed	12-Aug		Closed	12-Sep	12:18	13:22
13-May		Closed	13-Jun	09:40	11:04	13-Jul		Closed	13-Aug		Closed	13-Sep	12:17	14:29
14-May		Closed	14-Jun	10:15	12:21	14-Jul		Closed	14-Aug	12:27	13:52	14-Sep	12:36	15:15
15-May	09:46	11:55	15-Jun	10:53	13:23	15-Jul	11:54	13:26	15-Aug	12:41	14:51	15-Sep	13:03	15:53
16-May	10:16	13:11	16-Jun	11:33	14:17	16-Jul	12:22	14:24	16-Aug	13:05	15:36	16-Sep	13:35	16:22
17-May	10:53	14:10	17-Jun	12:14	15:03	17-Jul	12:53	15:12	17-Aug	13:34	16:12	17-Sep	14:10	16:43
18-May	11:34	15:00	18-Jun	12:56	15:42	18-Jul	13:28	15:51	18-Aug	14:09	16:39	18-Sep	14:51	16:56
19-May	12:16	15:43	19-Jun	13:39	16:13	19-Jul	14:06	16:23	19-Aug	14:48	16:58	19-Sep	15:48	16:54
20-May	12:59	16:18	20-Jun	14:27	16:37	20-Jul	14:48	16:46	20-Aug	15:37	17:05	20-Sep		Closed
21-May	13:46	16:46	21-Jun	15:28	16:44	21-Jul	15:42	16:54	21-Aug		Closed	21-Sep		Closed
22-May	14:38	17:04	22-Jun		Closed	22-Jul		Closed	22-Aug		Closed	22-Sep		Closed
23-May	15:55	16:56	23-Jun		Closed	23-Jul		Closed	23-Aug		Closed	23-Sep		Closed
24-May		Closed	24-Jun		Closed	24-Jul		Closed	24-Aug		Closed	24-Sep		Closed
25-May		Closed	25-Jun		Closed	25-Jul		Closed	25-Aug		Closed	25-Sep		Closed
26-May		Closed	26-Jun		Closed	26-Jul		Closed	26-Aug		Closed	26-Sep	10:59	12:11
27-May		Closed	27-Jun		Closed	27-Jul		Closed	27-Aug		Closed	27-Sep	11:03	13:49
28-May		Closed	28-Jun		Closed	28-Jul		Closed	28-Aug	11:14	12:25	28-Sep	11:32	14:55
29-May		Closed	29-Jun		Closed	29-Jul		Closed	29-Aug	11:22	14:03	29-Sep	12:08	15:50
30-May		Closed	30-Jun		Closed	30-Jul	11:15	12:51	30-Aug	11:53	15:12	30-Sep	12:48	16:36
31-May		Closed				31-Jul	11:37	14:15	31-Aug	12:30	16:08			

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

2019 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Sun 06 Jan	1.9	13:04	Mon 04 Feb	2.0	12:48
Mon 07 Jan	1.9	13:40	Tue 05 Feb	1.8	13:24
Tue 08 Jan	2.0	14:13	Wed 06 Feb	1.7	13:57
Mon 21 Jan	1.1	12:57	Sat 19 Feb	0.9	12:46
Tue 22 Jan	0.8	13:46	Sun 20 Feb	0.4	13:34
Thu 23 Jan	0.8	14:33	Mon 21 Feb	0.2	14:19

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Wed 06 Mar	1.7	13:02	Fri 05 Apr	1.4	14:05
Thu 07 Mar	1.5	13:35	Sat 06 Apr	1.3	14:37
Fri 08 Mar	1.4	14:05	Sun 07 Apr	1.4	15:07
Thu 21 Mar	0.3	13:15	Fri 19 Apr	0.5	13:50
Fri 22 Mar	0.1	13:57	Sat 20 Apr	0.4	14:32
Sat 23 Mar	0.3	14:17	Sun 21 Apr	0.6	15:11

All times local

Phases of the Moon - 2019

New Moon	First Quarter	Full Moon	Last Quarter
6th Jan	14th Jan	21st Jan	27th Jan
4th Feb	12th Feb	19th Feb	26th Feb
6th Mar	14th Mar	21st Mar	28th Mar
5th Apr	12th Apr	19th Apr	26th Apr
4th May	12th May	18th May	26th May
3rd Jun	10th Jun	17th Jun	25th Jun
2nd Jul	9th Jul	16th Jul	25th Jul
1st Aug	7th Aug	15th Aug	23rd Aug
30th Aug	6th Sep	14th Sep	22nd Sep
28th Sep	5th Oct	13th Oct	21st Oct
28th Oct	4th Nov	12th Nov	19th Nov
26th Nov	4th Dec	12th Dec	19th Dec
26th Dec			

GUERNSEY AIRPORT SUNRISE/SUNSET TIMES 2019

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

Times are UTC (=GMT)

19 DY	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		19 DY												
	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS	SR	SS													
1	T	0806	1622	F	0743	1706	F	0654	1753	M	0548	1841	W	0449	1927	S	0409	2008	M	0408	2020	T	0441	1951	S	0526	1854	T	0609	1750	F	0658	1649	S	0744	1614	1
2	W	0806	1623	S	0741	1707	S	0652	1754	T	0546	1843	T	0447	1928	S	0408	2009	T	0409	2020	F	0443	1950	M	0527	1852	W	0611	1748	S	0700	1648	M	0745	1614	2
3	T	0806	1624	S	0740	1709	S	0650	1756	W	0544	1844	F	0446	1930	M	0408	2010	W	0409	2020	S	0444	1948	T	0529	1850	T	0612	1746	S	0701	1646	T	0747	1613	3
4	F	0806	1625	M	0738	1711	M	0648	1757	T	0542	1846	S	0444	1931	T	0407	2011	T	0410	2019	S	0445	1947	W	0530	1848	F	0614	1743	M	0703	1644	W	0748	1613	4
5	S	0806	1626	T	0737	1713	T	0646	1759	F	0540	1847	S	0442	1933	W	0407	2012	F	0411	2019	M	0447	1945	T	0531	1846	S	0615	1741	T	0704	1643	T	0749	1612	5
6	S	0806	1627	W	0735	1714	W	0644	1801	S	0538	1849	M	0441	1934	T	0406	2012	S	0412	2018	T	0448	1944	F	0533	1844	S	0617	1739	W	0706	1641	F	0750	1612	6
7	M	0805	1628	T	0734	1716	T	0642	1802	S	0536	1850	T	0439	1936	F	0406	2013	S	0412	2018	W	0450	1942	S	0534	1842	M	0619	1737	T	0708	1640	S	0752	1612	7
8	T	0805	1629	F	0732	1718	F	0639	1804	M	0534	1852	W	0437	1937	S	0405	2014	M	0413	2017	T	0451	1940	S	0536	1840	T	0620	1735	F	0709	1638	S	0753	1611	8
9	W	0804	1631	S	0731	1719	S	0637	1805	T	0532	1853	T	0436	1939	S	0405	2015	T	0414	2017	F	0452	1939	M	0537	1837	W	0622	1733	S	0711	1637	M	0754	1611	9
10	T	0804	1632	S	0729	1721	S	0635	1807	W	0530	1855	F	0434	1940	M	0405	2015	W	0415	2016	S	0454	1937	T	0539	1835	T	0623	1731	S	0713	1635	T	0755	1611	10
11	F	0803	1633	M	0727	1723	M	0633	1809	T	0527	1857	S	0433	1942	T	0404	2016	T	0416	2015	S	0455	1935	W	0540	1833	F	0625	1729	M	0714	1634	W	0756	1611	11
12	S	0803	1635	T	0726	1724	T	0631	1810	F	0525	1858	S	0431	1943	W	0404	2017	F	0417	2014	M	0457	1933	T	0542	1831	S	0626	1727	T	0716	1633	T	0757	1611	12
13	S	0802	1636	W	0724	1726	W	0629	1812	S	0523	1900	M	0430	1944	T	0404	2017	S	0418	2014	T	0458	1932	F	0543	1829	S	0628	1725	W	0717	1631	F	0758	1611	13
14	M	0802	1637	T	0722	1728	T	0627	1813	S	0521	1901	T	0429	1946	F	0404	2018	S	0419	2013	W	0500	1930	S	0545	1827	M	0629	1723	T	0719	1630	S	0758	1611	14
15	T	0801	1639	F	0720	1729	F	0625	1815	M	0519	1903	W	0427	1947	S	0404	2018	M	0420	2012	T	0501	1928	S	0546	1824	T	0631	1721	F	0721	1629	S	0759	1611	15
16	W	0800	1640	S	0719	1731	S	0623	1817	T	0517	1904	T	0426	1949	S	0403	2019	T	0421	2011	F	0502	1926	M	0547	1822	W	0632	1719	S	0722	1627	M	0800	1611	16
17	T	0759	1642	S	0717	1733	S	0620	1818	W	0515	1906	F	0424	1950	M	0403	2019	W	0422	2010	S	0504	1924	T	0549	1820	T	0634	1717	S	0724	1626	T	0801	1612	17
18	F	0759	1643	M	0715	1734	M	0618	1820	T	0513	1907	S	0423	1951	T	0403	2020	T	0423	2009	S	0505	1922	W	0550	1818	F	0636	1715	M	0725	1625	W	0802	1612	18
19	S	0758	1645	T	0713	1736	T	0616	1821	F	0511	1909	S	0422	1953	W	0404	2020	F	0425	2008	M	0507	1920	T	0552	1816	S	0637	1713	T	0727	1624	T	0802	1612	19
20	S	0757	1646	W	0711	1738	W	0614	1823	S	0509	1910	M	0421	1954	T	0404	2020	S	0426	2007	T	0508	1918	F	0553	1814	S	0639	1711	W	0728	1623	F	0803	1613	20
21	M	0756	1648	T	0709	1739	T	0612	1824	S	0508	1912	T	0420	1955	F	0404	2020	S	0427	2006	W	0510	1917	S	0555	1811	M	0640	1709	T	0730	1622	S	0803	1613	21
22	T	0755	1649	F	0707	1741	F	0610	1826	M	0506	1913	W	0418	1956	S	0404	2021	M	0428	2005	T	0511	1915	S	0556	1809	T	0642	1707	F	0731	1621	S	0804	1614	22
23	W	0754	1651	S	0706	1743	S	0608	1827	T	0504	1915	T	0417	1958	S	0404	2021	T	0429	2004	F	0513	1913	M	0558	1807	W	0643	1705	S	0733	1620	M	0804	1614	23
24	T	0753	1653	S	0704	1744	S	0606	1829	W	0502	1916	F	0416	1959	M	0405	2021	W	0431	2002	S	0514	1911	T	0559	1805	T	0645	1703	S	0734	1619	T	0805	1615	24
25	F	0752	1654	M	0702	1746	M	0603	1830	T	0500	1918	S	0415	2000	T	0405	2021	T	0432	2001	S	0515	1909	W	0601	1803	F	0647	1702	M	0736	1618	W	0805	1615	25
26	S	0750	1656	T	0700	1748	T	0601	1832	F	0458	1919	S	0414	2001	W	0405	2021	F	0433	2000	M	0517	1907	T	0602	1801	S	0648	1700	T	0737	1617	T	0805	1616	26
27	S	0749	1657	W	0658	1749	W	0559	1834	S	0456	1921	M	0413	2002	T	0406	2021	S	0434	1958	T	0518	1905	F	0604	1758	S	0650	1658	W	0739	1617	F	0806	1617	27
28	M	0748	1659	T	0656	1751	T	0557	1835	S	0454	1922	T	0412	2004	F	0406	2021	S	0436	1957	W	0520	1903	S	0605	1756	M	0651	1656	T	0740	1616	S	0806	1618	28
29	T	0747	1701				F	0555	1837	M	0453	1924	W	0412	2005	S	0407	2021	M	0437	1956	T	0521	1900	S	0607	1754	T	0653	1654	F	0741	1615	S	0806	1619	29
30	W	0745	1702				S	0553	1838	T	0451	1925	T	0411	2006	S	0407	2020	T	0438	1954	F	0523	1858	M	0608	1752	W	0655	1653	S	0743	1615	M	0806	1619	30
31	T	0744	1704				S	0551	1840				F	0410	2007				W	0440	1953	S	0524	1856				T	0656	1651				T	0806	1620	31