

Guernsey Met Office

2019 Annual Weather Report

Including data from Lihou Island and Sark



The 2019 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

On behalf of

Guernsey Airport

Front cover photo:

Alto cumulus cloud looking east.

Photo credit:

Laura Johns

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2019 was another relatively warm year with a mean temperature of 12.0°C compared to the 30 year average of 11.4°C. However it may be best remembered as a year that looked to be turning out to be a dry one. Up to the middle of September we were 75mm (3 inches in old money) below average rainfall, but from the third week in September the heavens opened and it seemed it did not stop raining for the remainder of the year. By the end of the year the 75mm deficit was well and truly bridged and we ended up with 60mm above the 30 year average of 838mm. The last 3 months of the year plus that last week in September resulted in 506mm of rainfall, 60% of our annual rainfall.



A primary and secondary rainbow over St. Peter Port

2019 also saw the end of the decade, a decade of contrasts with the cold of 2010 and the blizzard in March 2013 followed by the warmest recorded year in 2014. I thought it opportune to look back at some of the Bailiwicks weather events over the last ten years. As mentioned above the decade commenced with the coldest recorded year since 1890, indeed we saw a full week of snow lying on the ground in December 2010, a very rare occurrence for Guernsey. 2011 saw temperatures pick up once more to put it in the current top 10 of warmest years on record. April stood out as a very dry month with only one wet day reported ($\geq 1.0\text{mm}$). 2012 was wet with rainfall from April onwards totalling 951.3mm, more than 110% of average. 2013 vividly stands out for the blizzard on the 11th March. In my lifetime I have never seen so many abandoned cars on the roads totally covered by snow. Following the blizzards of March 2013, 2014 was and still is the warmest year on record with an annual mean temperature of 12.4°C a whole degree above the current 30 year average. 2015 did not have a great deal to talk about weather-wise but it is the year we lost a dear friend in this office. 2016 and 2017 saw a good deal of fog affecting the airfield. In 2016 May saw 12 fog days and this

was followed by 18 days in June whilst March 2017 saw thick fog arrive on the 7th and did not shift until during the 9th. This was one of the longest periods of continuous fog recorded at Guernsey Airport some 72 hours. 2018 saw the 5th consecutive year being warmer than the 30 year average and the 6th warmest on record. Last year 2019 I refer you to my opening comments.

Below is a table showing the mean decadal temperatures for the last 7 decades. The last decade just being pipped by the noughties as the warmest:

Decade	Mean Temp (°C)
1950's	10.88
1960's	10.70
1970's	10.71
1980's	10.87
1990's	11.50
2000's	11.78
2010's	11.70

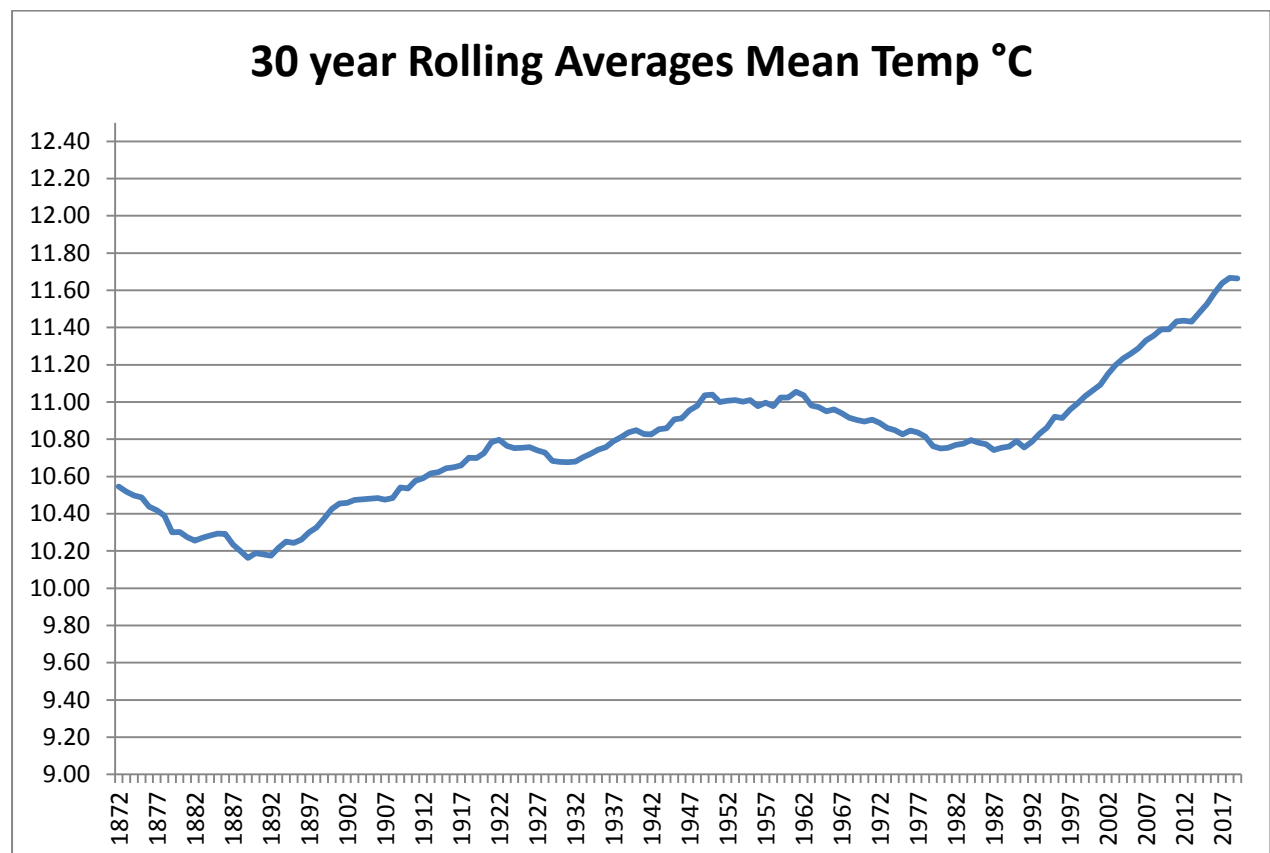
Globally 2019 will be remembered for the wild fires that devastated many parts of Australia from September onwards. Wild fires were also reported in arctic regions too, namely Alaska and Siberia. Heatwaves were reported not only in Australia but in Spain and India where temperatures topped 50°C. Hurricane Dorian, the most powerful hurricane on record in the open Atlantic region destroyed the Abaco Islands in the Bahamas and cyclones Idai and Kenneth killed many in Mozambique.



Hurricane Dorian caused devastation in the Abaco Islands as winds peaked at 185 mph.

The extra warming of the planet due to the burning of fossil fuels which adds to the naturally occurring greenhouse effect has been highlighted by climate scientists for a number of years and the reason for many of these disasters. The naturally occurring greenhouse effect means the planet is some 30°C warmer than it otherwise would be and hence a hospitable place to live. What the science shows it that the human release, due to burning fossil fuels, of the likes of carbon dioxide since the industrial revolution is trapping more heat in the system than would otherwise be the case and hence we see a warming of the planet.

Met Office's produce 30 year averages which run for a period of 10 years. At present we are using the period 1981–2010, from 2021 this will change to 1991–2020 so it will be interesting to see the changes. Below is a rolling 30year average graph for temperature here in Guernsey which shows a noticeable, gradual increase in temperatures over the last 50 years or so.



Finally I would like to thank the team for their continued hard work, in particular to Chris Archard for his help producing this report and also to Antony Dunks for continuing to maintain the weather records in Sark.

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GUERNSEY AIRPORT WEATHER HEADLINES 2019

- **January** – Benign anticyclonic conditions gave us the dullest start to a new year on record with only 0.2 hours of sunshine in the first week. A more mobile second 2 weeks of the month produced a mix of sun & rain, but we ended up drier and duller than average. Equal driest Jan since 2000 and 14th driest on record. Dullest Jan for 6 years and 11th dullest on record. Only 1 day with fog noted, lowest Jan figure since airport opened. Equal lowest Jan wind speed (with 1989) since records began. Seal level pressure mid-morning on 2nd of 1043.5mb highest Jan reading since 1989. Average temps for the month.
- **February** – Unsettled first 11 days then became mostly dry, warm and sunny until 27th. Sunniest February on record, and warmest February day recorded at the airport on the 27th, reaching 16.1°C. Sark reached 16.6°C that day and Lihou made 17.9°C. A number of UK sites surpassed 20°C, the first time a winter month has achieved this. Driest February for 6 years, and lowest mean wind speed since 2012. A grass temperature of -6.0°C on the 3rd was lowest recorded over the last 3 years.
- **Winter 2018/2019** – December and January both dull, balanced out with a record breaking sunny February but overall the last 2 winters were sunnier. It was a mild winter, some 1.3°C above the average, with no air frosts, but the winter of 2015/2016 was warmer. Low rainfall totals made this the 4th driest winter at the airport.
- **March** – 6th warmest March at the airport although 2017 was warmer. It was also drier than average, although the Marches through 2009-2012 (inc) were drier. The majority of the rain fell up to the 19th with the last 12 days yielding only 0.3mm. Slightly sunnier than average with the last week producing nearly half the month's total. It was also the windiest March at the airport for 11 years with the highest gust on the 4th of 54 knots the highest since the 29th December 2017.
- **April** – Dullest April since 2001, despite having only one sunless day in the month. Slightly warmer than average and rainfall too, just above the average. No instances of fog during airport opening hours.
- **May** – A dry month with only 40% of the expected average monthly rainfall, and over half the month's total falling on the 7th. The last 3

weeks yielded only 1mm of rain. Sunnier than average but fractionally cooler. Last May was drier, sunnier and warmer.

- **Spring** – Driest for 4 years, thanks mainly to a dry May. Slightly warmer and sunnier than average.
- **June** – The warmest first day of summer at the airport with 25.5°C, and a very warm day on the 28th reaching 26.3°C, otherwise disappointing temperatures. Low pressure very much the dominant player for most of the month, so unsettled up until the end of the 3rd week. Wettest June since 2012 despite the last week being largely dry.
- **July** – Warm, sunny and dry for the most part. Heavy rain on the 19th saw over 80% of the month's rain total and it was the wettest July day for 15 years. Lowest number of Rain Days for July for 20 years, and the lowest 12 month rainfall total ending July, since 1997. The last 2 days were just cloudy enough to stop us breaking the sunniest July at the airport, but still the sunniest since 1971 (after last year). 10th warmest July since 1843 and the 23rd was the 3rd warmest July day at the airport.
- **August** – The first 3 weeks of the month were unsettled, dull, wet & windy as Atlantic low pressure rather unseasonably dominated our weather. Drier & quieter conditions prevailed thereafter with the warmest August day since 2003 on the 24th. After last year, this was the 2nd warmest August at the airport, again, since 2003. Overall marginally wetter and duller than average with 11 days with fog noted. With over 80% of the month's rain falling overnight and a pleasant last 10 days or so, it perhaps felt a better month than the statistics bear out.
- **Summer** - A dull, wet June followed by a dry and sunny July, then a near average August lead to a fairly average summer, although all 3 months were above average for temperatures. Summer 2019 ranked in the top third of summers recorded at the airport.
- **September** – After a mostly dry and settled start to Autumn, with a particularly pleasant & warm 3rd week, the last 10 days of the month became more typically unsettled with 84% of the month's rain falling in that period. This was the wettest month of the year so far and the 3rd wettest September in the last 21 years. The 2nd was the sunniest September day for 12 years but with the last 10 days being so unsettled,

it turned out to be the windiest September since 2004. Overall warmer, wetter and duller than average.

- **October** – An unsettled, wet and dull month but with temperatures around average. Two ex-hurricanes, ‘Lorenzo’ and ‘Pablo’ influenced our weather at the start and end of the month respectively, with the latter producing some 3 inches of rain over the last 4 days. Wettest October since 1960 and the 2nd wettest October at the airport (1947), also the wettest month recorded since December 2011. Dullest October for 5 years, with most sunless days for this month since 2012. Mild temperatures at the start of the month fell away towards the end, resulting in an average figure overall.
- **November** – With low pressure very much dominating the weather it was another wet month, the wettest November for 9 years, and dull too with the lowest November sunshine total since 2008. Rather bizarrely we also recorded the lowest number of sunless days for November at the airport. Temperatures on the cool side with the month finishing 0.5°C down on the 30 year average. Highest number of November days with hail noted since 2000, and the 2nd highest number of hail days for this month at the airport.
- **Autumn** – Dull and wet; lowest amount of autumn sunshine since 1992 and the most rainfall since 2000. A mild September, average October and cool November combined to give us temperatures pretty much spot on the long term average.
- **December** - The first few days of the month dry, cool and bright as we enjoyed quiet anti-cyclonic conditions. It turned more unsettled by the end of the first week with gales affecting the whole of the UK. Highest gust of the year recorded locally on the 8th at 58 knots (67mph). Unsettled run lasted until late Christmas Eve with Christmas Day recording 6.3 hours of sunshine, the highest for 25th December since records began at the airport in 1947. Last few days of the month, mostly dry and settled. Another mild December with, rather surprisingly, rainfall just below average and sunshine just above.
- **2019** – After a dry first few months, June was very wet and the period October to December produced the most rainfall since 2000. The wettest day of the year was 30th October with 33.7mm. 2019 saw a

record breaking sunshine total for February and a sunny July being offset by a dull last 4 months of the year, with the annual total very close to the long term average. Temperatures were mild through most of the 2019 with no air frosts recorded and only 3 days of snow or sleet reported. February 27th saw 16.1°C at the airport, a new record high for that month but we saw the magical 30°C barrier broken only once, on the 23rd July, reaching 31.6°C. With a mean temperature of 12.0°C for the year, 2019 came out as the 9th warmest since records began in 1843. Interestingly a yearly rolling 30 year average for Guernsey's annual mean temperature puts the last 10 years as the warmest recorded.

January

Anticyclonic gloom welcomed the New Year in, as an extensive area of high pressure centred just out to the west covered Central and Western Europe, with a thick layer of low cloud trapped within its circulation. As that high edged away northeast to be lying atop the UK, so a weak front dropped down across the country bringing a cooler, fresher feel to our weather by the morning of the 2nd. Light north-westerly winds veered into the northeast as the mercury struggled to get to only 7°C by the day's end.

That high maintained its influence across the UK and nearby Northern Europe for the next few days, with very little sunshine to grace our shores, and no recordable rainfall for the first week of the month. By the 5th that high was easing away gently to the southwest to be centred out over Biscay as deep low pressure started to engage Scotland and northern parts of the UK. The longer sea track to our airflow saw patchy drizzle at times for the next couple of days, but still little or no sunshine; indeed that first week of January was the dullest start to a new year on record at the airport.

A weak cold front in association with that Atlantic low now over Scandinavia cleared through us to the south early on the 8th and that afternoon we saw 1.4 hours of sun. The 9th improved upon that with 3.7 hours of sunshine and with good visibility and light winds, it was a very pleasant day in the islands.

High pressure continued to dominate the European weather charts, still centred close to the UK and still with a fair amount of low cloud within the general flow. None of the cloud was particularly rain-bearing, but patchy light rain and drizzle did affect us over the next few days, though not amounting to very much and sunshine continued to be a rare commodity.

Towards the end of the 11th we started to see that high slip away to the southwest again, allowing low pressure with associated frontal systems to sweep down across the British Isles with strong winds and periods of heavy rain which started to turn wintry over higher ground in more northern parts of the UK. Locally, we remained in the milder air through the weekend of the 12th & 13th but with increasing west to northwest winds that were gusting to the top of Force 7 by that Sunday afternoon.

As those fronts cleared through overnight with just a few spots of rain, the 14th dawned cooler, though still cloudy but with a fresher feel and excellent visibility. Up to this point we had recorded only 0.1mm rain for the month, and sunshine was well down on the average too.

High pressure was now stretching up from the Azores across central and northern parts of France, and so with a more westerly airflow across the Channel by the 15th we saw some light rain early that morning that turned to more persistent drizzle through that afternoon. Cloudy conditions with outbreaks of more rain assailed our shores through the 16th as that high retreated away to the southwest to be replaced by a more unsettled north-westerly airflow as low pressure became the more dominant feature over Norway. These fresher, more showery conditions started to ease up quite quickly overnight into the 17th as a temporary ridge of high pressure helped reduce the showers, and with clearing skies we enjoyed just under 7 hours of sunshine that day. Towards evening, however, those clear skies allowed air temperatures to fall away to be just above 2C by midnight, and grass temperatures dipping to -4C by dawn on the 18th. Low air humidity reduced the chances of any icy surfaces by the morning though.

That welcome ridge didn't last long however, and by late afternoon on the 18th more rain arrived, sweeping in from the west in association with a slow moving Atlantic low just to the north of Ireland. The rain cleared by midnight, but showers plagued the Bailiwick through the next morning, some of which contained hail. A line of heavy showers hung just off the west coast that afternoon before clearing through overnight into the 20th.



A line of heavy showers falling from *Cumulonimbus* off the west coast on the 19th

High pressure out to the west followed on behind, leading to a quieter end to the weekend. Temperatures had dipped over the last couple of days though, with a pool of cooler air covering much of the country. Daytime maximums were struggling in the mid-to-high single figures and overnight ground temperatures were dipping below freezing.

As we started the new week on the 21st, that high pressure was slowly starting to slip back away to the southwest as a more mobile regime looked to be pushing in from the north Atlantic. A dusting of light showers through the day turned to more persistent and heavy rain overnight as an active cold front rolled in from the west, with fresh to strong southwesterly winds veering into the northwest through the small hours of the 22nd. Further showers followed through the day, occasionally with hail that evening. Temperatures hadn't been able to make double figures for a week now, and this cooler north-westerly flow was settled in for a couple more days with further showers of rain or hail at times.

A slow moving warm front over Ireland on the 24th started to edge its way into western parts of the UK bringing outbreaks of light rain and drizzle to our shores, together with some hill fog patches early on the 25th, before clearing away to the east. Some brightness followed that afternoon and temperatures picked up too, reaching just over 11°C, the warmest day of the month.

A vigorous depression off the west coast of Ireland overnight into the 26th deepened and started to make its presence felt across the British Isles, with outbreaks of rain and drizzle through the day, particularly that afternoon, together with strengthening southwesterly winds. The rain cleared to showers through the evening as the clearing cold front swept through and the winds veered onto the northwest overnight, to leave us in a strong, blustery, cooler airflow by the next morning, with squally showers of rain and hail.

Strong north-westerly winds provided us with the windiest day of the month on the 27th, gusting up to Force 10 mid morning, with blustery rain and hail showers at times. As the low pressure system responsible for this cool airflow moved away eastward into Scandinavia, so our winds eased off and the showers became more isolated, though it did remain a tad on the cool side. A quieter day ensued on the 28th as we rested between systems, but out to the west of Biscay a vigorous little depression was beginning to deepen and swing in over the northwest coast of France and nearby Channel. This low, Storm Gabriel, brought strong winds and periods of heavy rain and snow over many parts of France on the 29th, but thankfully because it passed to the south of us, we saw only light to moderate south-easterly winds, although we did end up with the wettest day of the month with around a third of an inch of rain that afternoon.

Following Gabriel was a further run of cold air from the northwest on the 30th with more showers of rain and hail as temperatures fell away to just 3°C by that evening. With a very cold pool of air now sitting across most of the UK, temperatures across the country started to fall sharply. As the next frontal system pushed in from the west on the 31st, most of the precipitation fell as snow across the UK, particularly southwest England, with much disruption to travel. We saw some sleet during the afternoon of the 31st before temperatures climbed to 7°C that evening as milder Atlantic air pushed in from the southwest. Rather unexpected very strong southwesterly winds during the evening of the 31st ended the month as a large area of low pressure became slow moving out to the west.

January was very much a month of two halves; a quiet, benign, anticyclonic first 2 weeks with little weather of note, followed by a rather more unsettled fortnight with low pressure very much more in evidence. The Sea Level pressure reading around mid morning on the 2nd of 1043.5mb was the highest January reading since 1989, and the reading around supertime on the 31st of 977.0mb was the lowest for 10 years; quite a range across the month! Mean temperatures were pretty much spot on the long term average for January, but it was a dry month with only just over a third of the expected rainfall making it the equal driest January (with 2006) since 2000 and the 14th driest on record. Sunshine was at a premium too, with just over 60% of the average, making it the duller January for 6 years and the 11th duller on record.

We noted only one day with any fog recorded, that's the lowest number for January since our records began in 1947. Wind speed for the month was also low, equal to that of 1989 which was our previous January low. The small hours of the 31st saw grass temperatures fall to -5.8°C, the lowest January grass temperature since 2010 and the month's average Relative Humidity figure of just 76% was the lowest for this month since 1963.

February

In stark contrast to the start of last month, February opened up with a large swathe of low pressure covering much of Europe, slow moving and centred out over Biscay. Cool, showery conditions prevailed through the 1st with snow pellets and hail recorded later that evening as temperatures hovered around the 4°C mark.

As that low over Biscay transferred slowly south and east, so our airflow became more northerly and as the humidity levels dropped, so our visibility improved with some excellent views across the islands during the 2nd. The showers became more isolated through the day and as the skies cleared overnight so temperatures fell to leave us with a hard frost by dawn on the 3rd with grass temperatures dipping to -6.0°C.

A temporary ridge of high pressure moved across the UK through the 3rd, with plenty of sunshine and light winds. Those winds started to back into the southwest by that evening as a warm front in association with an Atlantic low marched in from the west, with rain arriving in the small hours of the 4th but clearing through the islands by mid morning. Very moist air was still being dragged up from the south overnight in to the 5th, and by dawn the Bailiwick was shrouded in a thick blanket of fog, which only reluctantly lifted that afternoon. The fog returned overnight to plague the higher parishes through the 6th with outbreaks of rain and drizzle at times. The clearing cold front developed a wave as it neared the southwest approaches, with outbreaks of heavy rain mid evening before finally clearing to the east by late evening.

A further low was hot on the heels of this clearance though, and this rattled across southern Britain overnight bringing the strongest winds of the month, gusting to Force 9 in the small hours of the 7th, together with blustery showers of rain and hail. This strong southwesterly flow continued through the day with further showers before turning to more general rain and drizzle later that evening as another warm front raced in from the west as Storm Erik, the first named storm of the year, battered the UK.

Friday the 8th and Saturday 9th saw nearly an inch of rainfall locally, with strong to gale force southwesterly winds as this storm slowly moved out over the North Sea. A fast moving secondary low fed in across southern Britain and the Channel later on the 9th, clearing the Bailiwick early on the 10th with a brief thunderstorm with hail to mark its passing. Further blustery showers were to follow that day, but a building area of more settled

high pressure was looking to nudge in from Biscay, and by the 11th our winds had veered into the northwest and eased down, with improved visibility, with only a few isolated showers earlier that morning.

This welcome belt of high pressure eased into central Europe, bringing much more dry and settled conditions to many areas. Heavy overnight dews were recorded early that week, but it remained otherwise dry and sunny through until the 17th, with the period 11th to 15th averaging 7.7 hours of sun each day, and temperatures reaching 11.6°C on the 15th.

By the 17th, that high was starting to slip away to the southeast, allowing a slow moving cold front to encroach from the west as a low pressure system made progress across Ireland. Overcast conditions prevailed that day as cloud spilled ahead of the front, with a solid band of rain arriving by dawn on the 18th. That front ground to a halt, lying in a northeast – southwest orientation over the Bailiwick that morning, with our friends in Jersey remaining dry! By mid afternoon that cold front had dissipated somewhat and rolled away to the southeast, with just a few isolated showers in the airflow.

High pressure was once again starting to build over central Europe, with a warm southerly flow becoming established across the UK. This airflow had its origins in North Africa and the Canary Islands, and whilst it was cooling as it transferred northward, it was very much an early taste of spring as temperatures locally started to hit double figures by the 19th.

Temperatures continued to rise over the next few days, with clear skies and plenty of sunshine as the islands basked in this rather unseasonable spell of pleasant weather. Cooling skies and higher moisture levels over nearby France overnight into the 22nd lead to extensive thick fog wafting in on the south-easterly breeze, but this cleared by mid morning to allow nearly 8 hours of sunshine that day. Whilst it remained settled locally, deep low pressure out in mid Atlantic was pushing a heavy swell up the Channel, and with the large spring tides, some overtopping of the sea was reported along the west and east coasts on the 22nd and 23rd. Encroaching high cloud from a slow moving cold front out to the west on the 23rd did spoil the sunshine somewhat that afternoon, but by and large the next few days continued dry, warmer than average with plenty of sunshine, and light to moderate south-easterly winds.

Temperatures locally continued to rise slowly into the mid teens through this last week of the month, with some 80 hours of sunshine from the 19th to the 27th.

Following 3 warm days with temperatures reaching around 17°, St Helier in Jersey broke the Channel Island maximum temperature for February on the 27th with 18.1°C, surpassing the previous highest February figure for Jersey of 16.2°C recorded on 29th February 1948, and the Channel Island February maximum temperature of 16.7°C recorded at L'Ancrese on 4th February 2004. We topped out at a very healthy 16.1°C on the 27th, the warmest February temperature recorded at Guernsey Airport.

The dry, warm and sunny condition finally came to an end by the morning of the 28th as that high pressure cell over central Europe slipped away eastward, allowing a more mobile Atlantic regime to take over from the west. Cloudy conditions greeted us by dawn, with showers and mist patches through the morning, together with fresh to strong westerly winds. The showers became more isolated that afternoon, but we struggled to see much sunshine and it felt much fresher than the last few days.



The Met Garden at Guernsey Airport enjoyed a rare mow & strim this month!

February, although ending on a dull, damp and windy note on the last day of the month, was the sunniest February since records began back in 1894 and we recorded the warmest February day at the airport on the 27th with 16.1°C. Temperatures across the UK were also breaking records, with a number of sites recording in excess of 20°C, the first time any winter month has reached this landmark figure. With over three quarters of our month's rain falling in the first 10 days of the month, and whilst not especially dry, we did end up with the driest February since 2013. It was also a quiet month for wind, with the lowest mean speed since 2012.

Winter then was warmer than the long term average, although 2016 was warmer, and following last year's dry summer, we ended up with the 4th driest winter recorded at the airport. Sunshine was slightly above average, with a dull December and January being balanced out by an exceptional February.

March

The last day of February proved to be a turning point for our weather, after a prolonged period of dry, settled and record-breaking warm temperatures, it was a return to more traditional and familiar conditions, as low pressure covered much of the north Atlantic, with a mild, westerly flow covering the British Isles.

A weak occluded front was clearing our area during the small hours of the 1st, with a few light rain showers to mark its passing, but a more active cold front further out to the west was making steady progress eastward to be with us later that evening. As it cleared through around midnight, so we experienced a burst of heavy rain, together with mist and hill fog patches before cooler, clearer air arrived by dawn on the 2nd. A succession of low pressure systems was beginning to form across the north Atlantic, and one such system developed into storm 'Freya' which deepened and swung in from the west overnight into the 3rd with freshening southwesterly winds, together with outbreaks of rain, drizzle and hill fog patches. The worst of the weather crossed central and southern parts of the UK, with reports of fallen trees and damage to buildings, and although we recorded a brief gale during the early hours of the 4th, together with some heavy rain & hail showers, we managed to escape the worst of it being this far south. We did manage a gust of 54 knots early that morning, the highest recorded locally for over a year.

This run of strong winds with showers of rain & hail continued through the 4th, with temperatures struggling to make double digits as the islands came under the influence of a cold, polar maritime airflow following the passage of 'Freya'. Temperatures recovered slightly during the 5th as our winds backed off ahead of a further depression moving up from Biscay. Fronts in association with this system brought some outbreaks of showery rain, together with strong southerly winds through the 6th, and temperatures started to pick up too.

Low pressure continued to dominate the UK weather charts, centred atop the North Sea, dragging a swathe of blustery showers across the country, down as far as northern France. Fresh westerly winds pushed these showers along at a fair pace, but we also saw some blue sky at times over the next day or so. Further fronts in association with yet another low moved in from the west through the afternoon of the 8th, with outbreaks of rain and drizzle, together with mist and hill fog patches that evening. The cold front cleared through overnight, but it was a brief clearance before another system pushed in with further damp conditions through the evening of the 9th. This particular system deepened sharply as it crossed southern Britain, leading to gales in the Channel during the early part of the 10th, but it was a rapidly moving feature that had all but cleared us by mid morning leading to a mostly fine day locally, with just a few isolated showers around.

High pressure was finally starting to build over the Azores by now, extending a flat ridge into the southwest approaches to provide us with a brief respite from this unsettled spell. Unfortunately up in the north Atlantic storm 'Gareth' was deepening and sweeping down across northern Scotland bringing very strong winds, heavy snow to higher ground and a deluge of rain to many parts of the UK. Whilst we did manage to escape the worst of this storm, the associated cold front cleared through us around midday on the 12th with the winds veering dramatically from south to northwest in just a matter of a few minutes, together with a 4°C drop in air temperatures. Blustery rain and hail showers then followed along in this cooler, unsettled airstream until the small hours of the 14th before a further complex area of low pressure swept in across northern Britain bringing persistent rain, drizzle and mist to our shores by daybreak.

Damp, drizzly and windy conditions continued through into the 15th as we remained in this mild tropical maritime airflow, although rainfall amounts were small. The 16th saw little change too, but as the low pressure centre edged away over the North Sea, so its clearing cold front started to make progress south-eastwards across the UK, passing through the islands around 2100 that evening with a brief burst of heavy rain to mark its passage. This clearance introduced a cooler, showery airflow and by dawn on the 17th we welcomed the first real sunshine for 3 days. High pressure out to the southwest was trying to nudge up towards the Channel by the 18th as the winds continued to ease down and veer into the northwest. Indeed the 18th was the first day of the month with a mean wind speed of less than 10 knots.

By the afternoon of the 19th we started to see a series of weak fronts lying down the UK as we slipped back into the rain, drizzle and hill fog regime, although the winds did continue to ease off and back into the southwest once again. A late clearance in the day did provide a glimpse of the sun, but cloud thickened and lowered overnight in to the 20th, with thick fog with drizzle that morning, becoming patchier during the afternoon before clearing again late in the day.

Those weak fronts had all but cleared to the east by now, with an extensive belt of high pressure stretching right the way across central Europe. As this feature transferred slowly northward, so our winds became lighter and more variable but with a fair amount of cloud within the general circulation, sunshine was still at a premium. Clearer skies through the afternoon of the 22nd did add to our sunshine totals, but a weak cold front waving up from the south and stalling in the Channel lead to another cloudy day on the 23rd. This cold front, whilst not particularly active locally, stretched from northern Scandinavia all the way down past the Azores and was stubbornly refusing to move away from the Channel. Only during the early hours of the 24th did this feature start to clear away to the south with some outbreaks of drizzle to mark its passing.

High pressure was now looking to be the dominant player in the north Atlantic, centered off the southwest corner of Ireland and moving only very slowly eastward to bring a much welcome settled run of dry, sunny and less windy weather to the UK and near Continent. Mostly fine conditions prevailed for the next few days, but with these clearer skies and light winds overnight, we saw air temperatures falling away with ground frosts on 4

consecutive nights from the 26th, together with some interesting shallow fog banks forming in places around the island.



Extensive shallow fog covers the western end of Guernsey Airport's runway early on the 28th.

This belt of high pressure drifted slowly eastward to be centered over Austria by the 30th, with a weak cold front just starting to make progress southward across Scotland. Temperatures peaked locally at 15.3°C that Saturday, the highest temperature for the month, but by the 31st this front had become slow moving over central and southern Britain, leaving us with yet another pleasant, sunny day in the islands, although temperatures were pegged back a tad with a fresh to strong north-easterly breeze.

March was very much a month in two parts, similar indeed to February, in that we started with a very unsettled, low pressure driven wet and windy period, before a much quieter, anticyclonic dominated run of weather to finish the month. That turning point was some 10 days later than in February though, but overall we were still drier and sunnier than average, although this was only achieved by the 28th. Temperatures continued to follow the recent trend of being warmer than the long term average, and it was also slightly windier across the month. The last 11 days yielded only 0.1mm of rain.

April

The dry, settled anti-cyclonic spell of weather that closed out March lasted just over 24 hours into the new month as that high pressure cell over Norway slipped away eastward to allow a North Atlantic low to sweep down across the UK, introducing a much colder, showery airflow to our shores. Prolonged and heavy spells of snow gripped large parts of central and northern UK during the 2nd, with a smattering of snow over higher ground in the southwest. Locally we saw only rain and hail showers, with excellent visibility in the Polar Maritime airflow, but temperatures fell steadily over the first few days of April with overnight minimums of just over 2°C recorded for the 3rd & 4th of the month.



Large *Cumulonimbus* cloud to the north-east of the island early on the 4th. Photo credit Kevin Butt

With low pressure covering much of the UK, dragging down this cold air from the north, there was a steady procession of showers across the islands, until the centre of the low edged back westward, allowing our winds to back round into the southwest then south, with a resultant increase in air temperatures. A slow moving front within the general circulation then made slow progress up the Channel on the 5th with steady rain all that day totalling half an inch by late evening. Following the clearance late that evening, the winds backed into the northeast and the 6th dawned bright but with an increasing breeze through the morning. Cloud and a thickening haze through the afternoon brought rain by early evening before clearing by midnight.

Despite a pleasant day on the 7th with excellent visibility and light south-easterly winds, there was still a very unsettled look to the charts with low pressure very much the dominant player, covering much of Europe, with bands of showers never too far away. One such band of rain lying from Cornwall through the Channel into Brittany brought further rain to the islands during the late afternoon of the 8th. An impressive Shelf Cloud was observed to the south of Guernsey around 1700hrs before this feature made slow progress northward over the island with the rain clearing just after 2200hrs.

Light winds and clearing skies that night lead to shallow fog forming in sheltered places, but the 9th dawned a mostly cloudy day with showers scattered around the Channel. Extensive high pressure to the north of Norway was by now just starting to show some interest in stretching down across the UK, helping a cold front to push south-westward down the English Channel, with rain arriving in the small hours of the 10th, clearing late morning to allow a brief glimpse of the sun by the day's end. Cool, dry air was now covering most of the UK with chilly temperatures, although this clearer airflow did hold the promise of more sunshine.

Indeed the next few days did see plenty of sunshine, but with a moderate to fresh east to south-easterly wind, temperatures barely made double figures, but the 13th saw 11.1 hours of sunshine, the sunniest day since the 26th September last year. Overnight temperatures consistently fell to around 5°C over the next few days, but the fresher winds staved off any ground frosts.



Unusual Shelf Cloud observed to the south late afternoon on the 8th.

Deep low pressure out in the near Atlantic was trying to make inroads towards the British Isles through the weekend of the 13th/14th, but was coming up against the blocking influence of that Scandinavian high to the northeast. Freshening south-easterly winds through the 14th coupled with temperatures of only around 7°C lead to a bracing Sunday across the Bailiwick, although the very low humidity levels probably made for a relatively productive laundry day!

That Atlantic system was very slowly pushing its rain band toward us overnight into the 15th, as that high gradually gave ground and after a few light showers that night, the rain finally arrived mid afternoon. The rain turned to moderate drizzle at times overnight, with mist patches and occasional hill fog before the front cleared slowly away to the northeast mid morning on the 16th to leave us with a brighter afternoon. The aforementioned high over Norway began to intensify once more, dropping slightly to the south and thus introducing a warmer, drier, continental airflow up from Central and Eastern Europe. Daytime temperatures started to pick up to the mid to high teens, and by the 18th overnight temperatures were staying up in double digits.

Whilst we enjoyed this warmer, more settled spell, low pressure wasn't too far away, sitting out over western Biscay, occasionally extending a shield of high cloud up over France and the Channel to make our sunshine a tad hazy at times. Good Friday on the 19th continued this pleasant spell, with warm, dry air feeding in to most parts of the UK with plenty of sunshine on offer and temperatures starting to creep up into the low 20's °C in parts of the southeast. Locally our still cool sea temperatures kept our mercury sub 20°C, and this continued through the Easter weekend with the sunniest Easter Sunday recorded at the airport and the mean temperature for the 4 day break just a fraction short of that of 1984, the current warmest at the airport.

Thundery low pressure over the Balearic Sea in the western Mediterranean was by now starting to push northward through France, extending a shield of high and medium cloud ahead of bands of mostly light showers that arrived in the Bailiwick after dark on Easter Monday. These showers had died away by dawn on the 23rd leaving a widespread dust deposit across the Bailiwick, much akin to Sahara Dust. An Atlantic cold front then started to nudge its way in from the southwest through the 23rd, with rain arriving late that evening, occasionally heavy and only reluctantly clearing mid morning on the 24th.

With low pressure very much the dominant player for much of Europe's weather, another rather cloudy day ensued with showers late that afternoon and through into the evening. This cool, showery picture continued into the 25th but with freshening southerly winds.

A glance at the North Atlantic weather chart for the start of the 26th showed a rapidly deepening low pressure system, Storm 'Hannah', sweeping in towards the UK. The storm's track took it into western Ireland later that evening before crossing the Irish Sea, into Wales and then moving swiftly across central parts of the UK before departing out across the North Sea. Locally a fairly narrow band of rain associated with 'Hannah' arrived late

that evening, but clearing to showers overnight into the 27th. Strong westerly winds gusted up to 50mph at times, but otherwise the bulk of the poor weather stayed away to the north.

The 27th saw a scattering of showers across the islands, occasionally heavy with some hail mixed in, together with a continuation of the strong westerly winds and temperatures remaining on the cool side.

High pressure was starting to push up from Biscay through the 28th but with a series of weak weather fronts spilling across the top of this ridge we ended up with periods of rain and drizzle for the bulk of the day, clearing only late afternoon, with patchy fog overnight. The rain returned briefly the next morning but it brightened up that afternoon and we remained dry and bright for the 30th with temperatures also picking up a tad.

Despite only one day without any sun, April turned out to be some 20 hours short of the long term average and after last year it was the duller April since 2001. Rainfall was marginally above average, and it was also just over 1°C warmer than average. Interestingly we recorded no fog during airport opening hours in April, with any periods of very poor visibility confined to late nights or early mornings.

May

With a slack belt of high pressure covering much of Central and Eastern Europe, and a weak, slow moving cold front lying down the Irish Sea, the new month opened up in uninspiring fashion, with rain during the morning of the 1st, clearing for the afternoon but remaining rather cloudy. That front reluctantly cleared away eastward overnight as an Azores High briefly nosed its way up from the southwest, with clearer skies for the afternoon of the 2nd and through into the 3rd.

Further high pressure just to the south of Iceland started to introduce colder air to Scotland and northern parts of the UK as we rolled into the 4th, with the Highlands experiencing plenty of snow showers in the Arctic Maritime airflow. This colder air continued to sweep southwards to reach us by dawn on the 4th, bringing a period of rain that cleared by mid morning but dragging temperatures down to only 5.1°C by 0900hrs. Clearing skies by noon allowed the sun to lift the mercury to a slightly more respectable 10.8°C by the day's end but a chilly night followed with ground temperatures falling close to freezing in many parts of the island by dawn on the 5th.

A fine day with wall to wall sunshine, low humidity and excellent visibility was then enjoyed, but with the cool northerly winds temperatures only just crept into double figures. High pressure had built quickly across the British Isles through the 5th, but as it slipped slowly away to the east on the 6th, high cloud started to spill in from the west as an Atlantic low made steady progress towards us with the first spots of rain arriving early evening on the 7th. The rain continued overnight, heavy at times, before clearing to showers by dawn on the 8th which lasted on and off through the day.

That area of low pressure worked its way across northern France overnight into the 9th, with the last of the associated showers clearing by dawn on the 9th. Fresh westerly winds took the edge off the Liberation Day celebrations, but it remained dry with over 9 hours of sunshine. Those winds eased off overnight and backed into the southeast by the morning of the 10th as a slow moving band of rain made its way up the Channel and into southeast England. Intermittent rain covered the island most of the afternoon before clearing briefly early evening to leave us a glimpse of sunshine. That rain returned overnight as the occluded front cleared through to the south of us, with pressure building nicely by dawn on the 11th.

High pressure continued to build through the day as the whole of the British Isles came under the influence of this blocking anticyclone, with dry, settled weather for the next few days, albeit with fresh easterly winds at times. Temperatures were pegged back a shade with those easterly winds but with clear skies, the next 4 days provided plenty of sunshine. Under those clear skies night temperatures were still falling to single figures so the daily mean temperatures were a little lower than average.

By the 15th the blocking high had drifted away to the northeast to be centred over Norway, and as its influence across the British Isles diminished, so we started to see extensive high cloud encroach from the west.



Solar halo on the 16th as extensive *Cirrostratus* cloud covered the Channel. Photo credit Laura Johns

This high cloud did take the edge off our sunshine at times but also provided some beautiful solar halos, as the sunlight was diffracted through the extensive layers of high cloud's ice crystals.

Low pressure over Central Europe was just starting to nudge up towards us through the 17th as that high continued to slip away to the northeast, with a few light showers running down the Channel that evening. This damper airflow brought the visibility down overnight as the cloud base dropped, with some patchy drizzle at times before clearing through the morning. Slack low pressure was now very much in charge of our weather, with a scattering of showery troughs gently rotating within the general circulation, but by and large we managed to miss the worst of the rain, although the damper air did affect visibility at times with patchy mist and hill fog.

The 20th dawned brighter than the last few days with the winds briefly in from the north as a nose of high pressure extended down from the northwest, allowing a dryer flow for the next couple of days, still with temperatures a tad on the low side though. That high kept us dry and settled up to the 25th when a damper westerly flow established itself across the UK as low pressure swept in across Scotland. Low cloud, mist, drizzle and fog plagued the islands throughout the 26th before a clearing cold front went through overnight to leave us in a brighter but cooler flow for the 27th.

Pressure was starting to build over Biscay by now, as that area of low pressure cleared away eastward, however a pair of weak warm fronts swept in across the UK early on the 29th, bringing low cloud, rain & drizzle that morning, with hill fog becoming extensive through the afternoon and evening. The fog was reluctant to clear the next day, only thinning enough by noon to allow aircraft to once more take to the skies. The centre of the low pressure system responsible for these fronts was slow moving over north-western UK, and with the main weather fronts well straddled across Britain, we started to see a plume of warm air being pulled up from the south with dry, warm and sunny conditions to round off the month.

The standout statistic for May was its lack of rainfall with the last 3 weeks of the month yielding only 1mm of the wet stuff and the month overall producing just over 40% of what we would normally expect to see. Sunshine was just up on the average, but temperatures were slightly down on the long term average. Whilst it was a very pleasant month, last May was sunnier, drier and warmer!

Spring 2019 was the driest for 4 years, warmer and sunnier than average.

June

The first day of the meteorological summer saw high pressure over Central Europe and a line of weak weather fronts lying across central parts of the UK. This high was feeding very warm air up across the Channel from France and by mid morning temperatures were already in the high teens before going on to peak at 25.5°C that afternoon; the warmest first day of June recorded at the airport. Occasional high cloud did little to take the edge off the sunshine as we racked up 14.4 hours of sun making it also the sunniest day of the year to date.

Unfortunately conditions changed markedly for the worse overnight as low pressure out to the west of Ireland swept in, with cooler, damper air dropping temperatures to the low teens by dawn on the 2nd, together with hill fog and mist patches. The clearing cold front went through the islands later that evening with a scattering of light rain showers through the afternoon.

The low pressure centre had eased up to the north of Scotland by the 3rd with bands of showers crossing the UK but these showers mostly bypassing the Bailiwick. A further low started to move in from the west Channel early on the 4th, with rain and hill mist arriving by mid morning, mostly clearing through the afternoon to showers. As this low transferred eastward, so our airflow started to be dragged down from a cooler north-westerly origin with patchy high cloud at times, but it did remain dry through the 5th.

The 6th started out well, with clear skies and light southwesterly winds, but a deepening area of low pressure off the northwest coast of Portugal was starting to push up across Biscay. Storm 'Miguel' arrived in the islands late that evening, with showers preceding a band of heavy rain that arrived in the small hours of the 7th. Associated winds with this vigorous low were strongest on its southern flank, and so after a day of rain and showers, the winds veered into the west that evening with gusts up to Force 9. As 'Miguel' continued to track away northeast, so the skies cleared by early morning on the 8th, but it remained breezy from the southwest until evening.

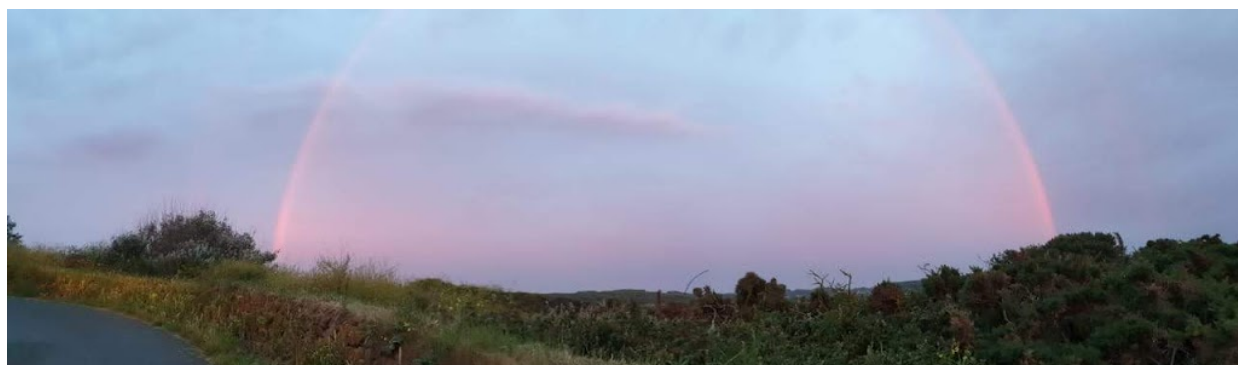
Following the departure of 'Miguel' the winds eased down on the 9th and became light and variable as we sat under a slack area of pressure, but with weak weather fronts over the nearby continent, sunshine remained at a premium with below average temperatures. Shallow low pressure over Holland encouraged a cool north-westerly flow down the Channel by the 10th, with showers then more prolonged and persistent rain overnight into the 11th, briefly becoming heavy for a time mid morning before conditions improved by midday.

This low pressure system drifted slowly westward into northern France for the 12th, before tracking up across the North Sea with a showery flow covering much of the UK. Some bright spells were enjoyed over the next few days, but with this rather unsettled look to the charts, it was more a mixture of cloud and showers, occasionally longer periods of rain and still with temperatures below the seasonal average.

A more organised and heavier band of showers pushed up from France overnight in to the 18th, with lightning and thunder heard in the islands around dawn. These showers lasted pretty much all day before clearing away to the northeast early on the 19th, but a damper airflow rolled in behind bringing rain, mist and hill fog to our shores and disruption to air travel through the morning and early afternoon of the 19th. Late evening saw a clearance as a welcome belt of high pressure started to make its presence felt into the 20th, nosing up from Biscay with clear skies developing through the day. The 21st saw a consolidation of this settling belt of high pressure across the UK which lasted through to the end of the 22nd. These last 3 days each yielded over 12 hours of sunshine; the last time we saw that was some 5 weeks earlier in mid May.

Unfortunately another large area of low pressure was pushing to the Western Approaches by dawn on the 23rd and although its eastward progress was quite gradual, a broad sheet of medium and high level cloud was streaming ahead into the Channel and south-western parts of the UK. A few isolated showers graced our shores that morning, but of more worthwhile note was the steady increase of air temperatures through the day as warm air was dragged in off the nearby continent. These warm easterly winds encouraged our temperatures up to 21.5°C just before 11.30pm that evening, but just a few hours later the winds veered into the west with a resultant drop in temperatures down to just 13°C by dawn on the 24th. This rapid change in air mass also brought thick fog to many parts of the Bailiwick, which only reluctantly cleared early that afternoon.

A showery trough within the circulation of this expansive low pressure area pushed up across the islands overnight, together with mist and hill fog patches. The worst of the showers had cleared away to the north by dawn on the 25th, but the mist and hill fog plagued the higher parishes until around midday.



Spectacular rainbow off the east coast of Guernsey around sunset on the 25th. Photo credit Luke Archard

Extensive medium and high level cloud kept the sunshine figure low for the day but did provide a spectacular sunset that evening, with an unusual orange tinted double rainbow out over the Little Russel.

With a belt of high pressure now starting to slide in across the top of the UK and low pressure over Biscay, a tightening of the pressure gradient along the Channel gave rise to increasing winds through the 26th, and quite hazy too at times through the afternoon. These strong winds continued overnight and through the morning of the 27th before gradually easing down that afternoon.

As that high toppled down into Central Europe, the low out in Biscay stalled, and the resulting airflow started to pull very warm air up from North Africa. Temperatures in Spain and central and southern parts of France started to push in to the low to mid 40's°C and a record high temperature of 45.9°C was recorded in Gallargues-le-Montueux, France late afternoon on the 27th. June temperature records were also broken in Germany, Poland and the Czech Republic.

This very warm air arrived in the islands during the morning of the 28th, and topped out at 26.3°C by mid afternoon, with a still relatively cool sea helping to keep our temperatures a tad more bearable. Interestingly, whilst our winds had fallen to a light south-easterly, Alderney remained in a strong north-easterly through most of the day, with temperatures barely making 19°C, some 9°C lower than Jersey's highest figure that day.

That low over Biscay was slowly edging north by now, with an associated slow moving cold front out to the west gradually making progress towards the British Isles. The 29th then was still pleasantly warm but with higher humidities we saw banks of sea fog in the Channel, occasionally encroaching inland. By the evening that weak cold front had pushed through and whilst there was little cloud and no rainfall, it did bring a change to cooler, fresher Atlantic air with freshening westerly winds and temperatures falling to a more tolerable 13°C by the small hours of the 30th.

The last day of the month saw a cloudy and occasionally misty start gradually giving way to a brighter afternoon as ridge conditions prevailed, but with temperatures reflecting the change to slightly cooler, westerly, Atlantic air, topping out at just over 19°C.

Low pressure seemed to dominate most of June, with the average monthly pressure some 3 millibars lower than the average. A warm and sunny start quickly gave way to an unsettled run for the next 3 weeks or so, before settling down after the 24th. Despite quite cool conditions through the middle of the month, we ended up warmer than average although the last 2 Junes were warmer. We also enjoyed the wettest month of 2019 so far, with the 2 wettest days since November last year on the 6th and 10th of June. It was also the wettest June since 2012.

Fog was remarkable in its absence with only 4 days when the visibility at times dropped below 1000m, the 2nd lowest number for June since 1989. It was another quiet month for wind, with only March being windier than average so far this year.

July

With an extensive belt of high pressure centred over the Azores, the new month started on a dry and settled footing, albeit initially with rather cool north-westerly winds. As that high nosed its way northward to be off the west coast of Ireland by the 2nd, so our winds veered into the north-east and by the afternoon of the 3rd these winds had freshened to a good Force 4, gusting to 35mph. Temperatures were still creeping up though, and together with clear skies provided us with plenty of sunshine.

That high maintained its presence across the UK for the next few days, continuing the dry, settled and bright conditions. By the 5th though, a series of weak fronts were starting to topple down across northern parts of the UK, bringing rain and wind to parts of Scotland and Northern Ireland. It remained warm and dry locally, and as those winds eased off and veered more easterly, so our temperatures underwent more of a continental influence, peaking at 24.5°C that afternoon.

Those fronts over Scotland continued their progress southward across the country during the 6th, bringing cloudier conditions to central and southern parts of the UK overnight into the 7th. Locally, extensive high cloud through the day kept the edge off our temperatures, but increasing low level moisture in association with those weak fronts now in the northern Channel lead to patchy sea fog through the afternoon. Mist patches overnight into the 8th soon cleared to leave another dry, warm day in the Bailiwick with low air humidities and plenty of sunshine as high pressure once again dominated the UK following the departure southwards of those weak weather fronts from the day before.

The early hours of the 10th saw an excellent example of *Noctilucent* cloud visible from both Guernsey and Jersey at about 0330hrs. These clouds are rarely seen locally, requiring very good visibility and otherwise clear skies. They form very high up in the atmosphere, around 250,000 ft (compared with *Cirrus* clouds typically at 25,000 ft), consist of ice crystals and can only normally be seen in the summer months during astronomical twilight. The sun has to be well below the horizon to illuminate the cloud. The term *Noctilucent* is derived from the Latin for 'Night Shining'.



Noctilucent cloud looking north from Guernsey Airport at 0330hrs on the 10th July.

A series of weather fronts was by now sweeping in across northern parts of the UK, slowly stretching down the country. That belt of settled high pressure continued to sit across southern parts, including the Channel and northern France, ensuring a continuation of our summer until late on the 11th. A weak occluded front meandered

down across most of the UK and Channel on the 11th, with cloud thickening late that evening, with mist, drizzle and fog by the small hours of the 12th. We ended up with only 0.5mm of rainfall by the time it cleared eastward mid morning, but it was just enough to break the drought of the last 15 days. Building pressure following this clearance rather quickly returned us to dry, warm and sunny conditions by noon on the 12th which continued through the weekend and into the following week.

Light winds and clear skies overnight into the 17th lead to some patchy shallow fog and a heavy dew by dawn, and the morning sunshine became hazy as Atlantic fronts started to push in from the west across Ireland and into the UK. The bulk of the weather initially remained to the north of us, but patchy rain and drizzle along with mist and hill fog arrived at our shores through the early hours of the 18th. Conditions improved for the afternoon, but it still remained mostly cloudy. However, lurking out to the west following this brief clearance was another low pressure system, barrelling its way in to affect southern England, the Channel and northern France. Patchy rain and drizzle, together with hill fog plagued the islands through the 19th, with the rain becoming persistent and heavier through the late afternoon and evening. By the time the clearing cold front had moved away eastward around dawn on the 20th, we had recorded 27.4mm of rain (just over an inch), making it the wettest day since the 13th October last year.

Initial patchy fog cleared early morning of the 20th, and although extensive high cloud persisted through much of the day, we still managed a healthy 8.9 hours of sunshine and temperatures just shy of 20°C. A building ridge of high pressure through the weekend put us back on track with warm and settled conditions, although a weak warm front dropping down into the Channel on the 22nd brought cloud and mist to our shores. As that warm front cleared away to the northeast, the associated cold front stalled out in the near Atlantic to allow a very warm southerly flow to push up from North Africa, over France and Spain to reach us by the daylight on the 23rd. Temperatures climbed steadily through the day to reach 31.6°C by 4pm, the warmest day for 3 years and the 3rd warmest July day recorded at the airport. Sark managed to pip us with 31.7°C and Jersey ended up with 35.7°C at Maison St Louis, their warmest July day on record.

Temperature records were broken in many places across France with over 40°C reached in Paris, whilst the UK set a new hottest day record with 38.7°C at the Cambridge University Botanic Garden site.

The light southeasterly flow bringing in all this warmth began to be replaced by a somewhat cooler northwesterly through the evening of the 23rd and by dawn on the 24th, after a few light showers, mist and sea fog patches we were down to more bearable 16°C. The coastal fog rolled inland on occasions through the morning, but it cleared for the afternoon to allow temperatures back up to the mid 20's C.

The charts were starting to show a slightly more unsettled look by now, with warm, unstable air moving up over France with some spectacular *Alto cumulus Castellanus* clouds through most of the day on the 25th. A few light showers fell from these clouds during the late afternoon, and then with that cold front out to the west finally clearing through in the early hours of the 26th, we had a couple of hours of more general rain to add to our meagre total for the month.

The 27th dawned bright with moderate westerly winds as the islands enjoyed the clearer air following the previous day's cold front clearance. Both the Rocquaine Regatta and the Sark Sheep Racing had plenty of sunshine with temperatures just nudging the 20°C mark. The 27th was very similar, but as we moved into the new week, a vigorous low pressure system out in the Southwest Approaches gradually neared our shores. The winds backed into the southeast through the 29th and by the evening were gusting to 35mph, with some heavy showers rolling up the Channel. The winds continued fresh to strong overnight, gusting up to gale force at times, with frequent showers, and this continued pretty much through the morning of 30th, before this system cleared away to the northeast and our winds gradually eased down and veered into the southwest.

The last day of the month saw a few early showers before closing out the month with fair skies, moderating winds and temperatures again just touching 20°C.

July was an unusual month in that it was mostly dry with 81% of the month's total falling on the 19th, which turned out to be the wettest July day since 2004. We also ended up with the lowest number of Rain Days for July for 20 years, and this was the lowest 12 month period rainfall total ending 31st July since 1997.

Sunshine was plentiful and was on track to beat last year's record breaking total, until the last 2 days yielded only 5.4 hours thus leaving us just short. It was, however, the sunniest July (after last year) since 1971 and the 7th sunniest July since 1894.

Temperatures are worth noting in that the 23rd saw the 3rd warmest July day at the Airport and the month as a whole was 1.2°C above the long term average, making it the 10th warmest July since 1843.

With only 5 days where fog was noted, this was the lowest number for July for 11 years.

August

The new month started fairly settled with a comfortable belt of high pressure lying along the length of the UK, following the departure northeast of an area of less settled low pressure over the North Sea. The remnants of a weak weather front were clearing away to the east as well, so after a cloudy morning, the 1st brightened up in the afternoon with light winds and temperatures just topping 20°C. Light winds and clear skies overnight lead to some mist and patchy hill fog by dawn on the 2nd, but this readily burnt off to leave us with another pleasant day in the islands.

That belt of high pressure was just starting to pull away northward by the 3rd, allowing a weak upper trough to move in from the west, with a smattering of light rain showers falling from some spectacular *Alto cumulus Castellanus* cloud around noon, with temperatures peaking at a very pleasant 24.3°C that afternoon. That trough cleared through by evening, and with the winds falling light from the west, we again had a few mist and fog patches by the morning of the 4th.

Low pressure out in the near Atlantic was by now just starting to make its presence felt, as a weak occluded front slowly nudged in from the west, introducing slightly cooler, moister air to our shores through the afternoon of the 4th, with temperatures nearer the mid teens together with the odd spot of drizzle in the air. A second, and more active, set of fronts arrived overnight into the 5th, with outbreaks of rain, drizzle and hill fog through the morning.

Much of the UK was now in the grip of this unseasonably extensive low pressure, centred just off the west coast of Scotland, with bands of heavy rain affecting all areas of the country. With the bulk of the weather to the north of us, initially we started to see only our winds freshening from the southwest through the 6th. A brief lull the following day followed as that initial low transferred away over the North Sea, but another low was starting to move in from the southwest, promising much more unsettled conditions locally. The first of the associated rain arrived overnight into the 8th, with a mix of drizzle and fog to greet the new day. A brief clearance was enjoyed later that morning before more patchy rain through the afternoon, but it was overnight that we experienced the main event, with periods of heavy rain totalling over half an inch, before the cold front cleared away eastward just before dawn on the 9th.

With the low centred at just 981mb over Ireland by noon, the south-western flank of this low was producing strong southwesterly winds into the Channel and by evening we started to record gusts around 45mph, with a few light showers in the general flow. The winds remained fresh through the 10th as well before easing down during the 11th. Temperatures became noticeably cooler too, as our winds became increasingly sourced from more northern climes.

A line of thundery showers to the south of Jersey during the late evening of the 11th produced some spectacular flashes of lightning with the backdrop of a near-full moon over a silvery sea. Just before dawn the next day one of those thundery cells rolled over the top of us with thunder, lightning and a short burst of intense rainfall

causing some short lived localised flooding. The showers rapidly petered out to leave us with a fine day but with more than a hint of Autumnal nip in the air.

Heavy showers, together with a single flash of lightning the following morning continued this unsettled spell as that low to the north of the UK maintained a cool, unstable flow across the country.

Further wet and breezy weather was already sweeping in from the west for the 14th, with rain, drizzle, mist and hill fog patches arriving late morning before clearing through early that evening to leave us with first sunless day since the 29th May, and very disappointing weather for the West Show. A brief, rather flat, ridge of high pressure provided quieter conditions through the 15th until mid afternoon on the 16th, as yet another deep and extensive Atlantic low barrelled in to the west of Scotland. Rain turned to drizzle with fog on higher ground locally, before the cold front cleared through by dawn on the 17th to leave us with a cool and rather cloudy day.

Unfortunately that clearing cold front developed a wave on it, just south of Brest, and this perturbation pushed northeast into the Channel that evening with yet more rain arriving at our shores overnight. This feature cleared through in the small hours of the 18th to leave us with a scattering of light rain showers that morning, with plenty of sunshine for most of the day.

Whilst low pressure was still very much the dominant player across the country, centred off the north coast of Scotland, a substantial belt of more settled high pressure was now starting to push in slowly from the south west. So whilst we remained in this bright but showery, westerly airflow for another 24 hours or so, our weather was very much on the change for the better as this high began to exert its influence into the Channel and western France. By the 22nd, our temperatures were starting to creep up into the low 20's, winds were easing down and veering into the east and sunshine totals were making double digits again at last.

Patchy high cloud made for hazy sunshine at times, but with excellent visibility, sunset on the 22nd was particularly impressive with a strong *Parhelia* or 'Sun Dog' at 22° to the right of the setting sun. Light refracting through ice crystals of high *Cirrus* or *Cirrostratus* cloud produced this optical phenomenon, and they are often viewed as a pair, one each side of the sun. A nice example of a *Sun Pillar* was also observed shortly after sunset that evening.



A strong *Parhelia* or 'Sun Dog' at 22° to the right of the setting sun on the 22nd.

By the 24th, that high had transferred into Central Europe, with a feed of warm southeasterly air into the Channel, enabling our temperatures to reach 28.5°C, the highest August temperature for 16 years. Some medium level instability encouraged cloud to build up later in the afternoon, ahead of an upper trough moving in from the west. As this feature cleared through the islands around 2200hrs, so our winds veered into the northwest, introducing a cooler, more moist Atlantic feed, with temperatures falling quickly to around 16°C, together with mist and hill fog patches. That misty start cleared by late morning on the 25th to leave a pleasant, but noticeably cooler day in the islands.

With high pressure building from the southwest by the Bank Holiday Monday and high humidity levels in the general flow, after a bright start we started to see low cloud thickening into mist and fog through the afternoon, with that fog becoming more extensive by evening. Overnight a band of thundery showers pushed up from France, with a brief thunderstorm locally in the early hours of the 27th, together with a few light showers through that afternoon, and again overnight into the 28th. As that high slipped away towards Eastern Europe, we came under the influence again of cooler, fresher, Atlantic air as a cold front ambled its way across the UK, with a run of showery rain through the 28th.

Pressure rose steadily behind this clearance with dry and sunny weather for the 29th and 30th, as the Azores High pushed up across northern France and into south-western parts of the UK. Low pressure to the north of Scotland dropped another cold front across the country during the 31st with a couple of hours of steady rain and drizzle that afternoon. As the winds veered into the northwest following this clearance, temperatures started to fall away slightly to leave us with a hint of autumn to close out the month.

After an unsettled period through to the 19th, conditions improved markedly for the rest of the month and we ended up only marginally wetter and fractionally duller than average. The warmest August day since 2003 on the 24th helped encourage the monthly temperature to just above average values, but we also ended up with fog being noted on 11 days this month, the highest of the year so far. This was the 2nd warmest August, after 2016, since 2004.

Looking back at the summer, a dull, wet June followed by a dry, sunny July and an average August meant we ended up slightly wetter but sunnier than average, but all 3 months were above average temperatures.

September

The first day of autumn was a rather pleasant affair, as high pressure over the Azores extended its influence north-eastward bringing fine, dry and settled weather to our shores with temperatures into the high teens. Low pressure to the north of Scotland brought more unsettled conditions to more central and northern parts of the UK but we remained dry and bright for the first 3 days of the month.

As that Azores high started to slip eastward into central Europe, a vigorous low just off the west coast of Scotland deepened, with the associated frontal system sweeping down across country with freshening southwesterly winds locally, and rain arriving by dawn on the 4th but clearing around mid morning to leave us with a fine day in the islands.

Another belt of high pressure out in the mid Atlantic was becoming established following this clearance, with a run of cooler, fresher north-westerly winds across the islands with excellent visibility at times. A band of light showers crossed the Channel during the evening of the 6th but it cleared through quickly, with only some residual cloud remaining early the following morning. Easing winds and clearing skies overnight into the 8th allowed air temperatures to fall to 11.1°C and grass temperatures to fall to just 2.8°C, the lowest since 12th May.

As we moved into the 9th so we started to see a change to a more mobile pattern as the Atlantic charts showed another low pressure system pushing in from the west across the UK with a scattering of showers arriving at our shores through the day. These became more isolated overnight as the winds fell light, leading to a brighter day on the 10th. Ex-hurricane 'Gabrielle' was by now making an appearance the charts, making steady progress across the Atlantic from the west, and whilst it was losing some of its identity during its travels, it still contained plenty of moisture. By the 11th this feature had been absorbed into the general 'conveyor belt' of depressions running across the Atlantic, bringing periods of wind and rain to many parts of the UK. Low cloud with mist and patchy drizzle plagued the islands through the day, with that mist thickening to fog overnight into the 12th, before clearing mid way through the next morning.

Further cloudy, misty conditions arrived that night and lasted through the 13th, improving slightly that afternoon as a cold front eased across the islands, with fresher, drier conditions following on behind for the weekend. High

pressure built rapidly behind this clearance, covering much of southern Britain until a further cold front edged down into the Channel during the 16th, with a return to cloudy, misty conditions with some patchy light drizzle at times. Again, following this feature's departure southward, pressure built quickly across the country, with plenty of sunshine as the winds settled into the east.

This high kept our weather dry and settled for the next 4 days, albeit with a fairly fresh easterly wind at times, but as that high slowly drifted southeast into central Europe, our winds backed into the southeast, thus pulling warm air up from the nearby continent, with temperatures peaking at 23.3°C around mid afternoon on the 21st, the warmest day of the month. As that high continued to decline eastward, weather fronts were starting to pile up out in the near Atlantic, nudging in towards us, with rain arriving in the early hours of the 22nd.

This heralded a very unsettled run of weather, as a series of deep Atlantic lows swept in from the west, with periods of rain, periodically clearing to blustery showers and temperatures steadily declining into the mid teens by the 27th. The winds picked up too, from the west or southwest, steadily increasing to be gusting over 40mph by the 28th. Indeed that run of 6 days ending the 29th averaged over 22mph wind speed before easing down for the last day of the month.

The 29th saw a particularly aggressive low pressure barrel its way across central Britain, bringing further strong winds with bands of heavy and prolonged rain to many areas. Locally we initially escaped the worst of this system with only a smattering of blustery showers through the day. Another low quickly replaced this feature, tracking in on a more southerly latitude to bring periods of rain and drizzle from mid afternoon on the 30th, becoming heavy and prolonged that evening and overnight into the new month.



A shower falling from a passing *Cumulus* cloud on the 24th. Credit L Johns.

After a dry and mostly settled start to the month with a rather pleasant spell through the 3rd week, September turned more typically wet and windy with 84% of the month's rain falling in the last 10 days. This was the wettest month of the year so far, the 3rd wettest September in the last 21 years and totalled the 2nd highest

number of wet days for September since 1998. On a more positive note, the 2nd was the sunniest September day since 2007 but with the last 10 days being so unsettled, it was also the windiest September since 2004.

Overall we ended up very slightly warmer, wetter and duller than average.

October

Heavy showers with fresh to strong southwesterly winds greeted the new month, as low pressure centred off the southwest tip of Ireland brought unsettled conditions across all parts of the UK. This system made its way rapidly across southern Britain through the day and by early evening our winds had veered into the northwest and moderated slightly, before veering further into the north overnight and easing down to a gentle F3 by the morning of the 2nd.

As this low continued its track eastward, so cooler air with more Arctic origins spilled in from the north, with temperatures falling sharply across the country. Locally we enjoyed a bright day with excellent visibility but overnight into the 3rd saw air temperatures drop to 7.8°C and grass temperatures down to just 2.7°C by dawn on the 3rd.

Whilst we were enjoying this brief settled, but chilly, spell a glance at the North Atlantic weather charts showed ex-hurricane 'Lorenzo' pushing up from the Azores and passing close by the west coast of Ireland. High winds and heavy seas lashed their coastline leading to travel disruption across the region. Locally, cloud thickened through the morning of the 3rd, with rain arriving late afternoon, clearing to showers by late evening. The winds freshened from the west overnight with a smattering of showers as 'Lorenzo' turned more eastward and stalled over central Britain. A cloudy day ensued through the 4th as this storm gradually began to lose its identity, but with further Atlantic systems sweeping in from the west, it wasn't long before more rain arrived later on the 5th.

Overnight rain, occasionally heavy, cleared eastward by the small hours of the 6th allowing a transient ridge of high pressure to bring plenty of sunshine to our shores, albeit with a fresh north-westerly breeze. This ridge eased away overnight, with further frontal systems bringing rain and drizzle to the islands by dawn on the 7th, lasting through the day and with the mist thickening to fog at times that evening. The clearing cold front in association with deep low pressure centred mid-way between Scotland and Iceland finally pushed through to the southeast overnight into the 8th, but the cloud shield was more reluctant to move away, so we only managed a few hours of sunshine that afternoon.

A cooler, fresher airflow once more covered the UK and Channel, with a broad swathe of showers crossing the country. Some of these showers locally were heavy and thundery at times, particularly through the late evening of the 9th, with fresh to strong westerly winds occasionally gusting up to 40mph. These fresh winds continued for the next couple of days, but with a flat ridge of high pressure to the south helping to keep the worst of the weather away to the north of us.

Eventually that flat ridge started to slip away to the east, allowing a cold front lying across central and southern parts of the UK to drift into the Channel, clearing through the islands overnight into the 12th. Whilst we received the usual rain, drizzle and mist that night, the difference between the mild, damp air mass to the south and the cooler, fresher air to the north saw our temperatures drop by about 4°C by the morning. Unfortunately this front stalled in the Channel for the next few days, with ripples running its length with minimal amounts of sunshine, together with about an inch of rain, and it wasn't until the 17th that we emerged from this gloomy spell as that front finally cleared away into Central Europe.

Low pressure off the west coast of Ireland was now dominating the UK weather, driving a fresh to strong southwesterly flow up the Channel, with blustery showers but also some brighter spells. A rash of heavier showers rolled through the Bailiwick during the small hours of the 18th with the odd flash of lightening observed as well. A further trough of heavy showers hit the islands later that afternoon, with a squall recording a maximum gust up to F9 just before 6pm. Heavy showers, some with hail, continued to assail our shores for the

next few days, and as the low pressure centre tracked away eastward, so our airflow veered more northerly, with overnight temperatures falling away to single figures.

Finally after a number of weeks of predominantly Atlantic driven weather, the 22nd began to see a more continental sourced weather type, still cyclonic unfortunately, as low pressure over central France started to push northward towards the Channel. The first of the associated fronts arrived over the islands early on the 23rd, with outbreaks of light rain through the day, minimal sunshine and temperatures struggling into the mid teens by day's end. This continental air slowed its progress north and westward as our old friend, Atlantic air, started to push in from the west, leading to a clash of very different air masses in a north/south line centred over the Gulf of Saint Malo. The result was a day with outbreaks of rain, drizzle, mist and hill fog through the 24th, before that Atlantic air won the day and we returned to milder temperatures, albeit with continued cloudy conditions and stronger southwesterly winds.

By the 26th we were sitting to the south of an extensive cold front, stretching from Oslo in Norway, right the way down to the Azores. Locally it remained cloudy with temperatures around 17°C, whilst just to the north of this front in central parts of the UK and Wales, it was a much cooler but brighter 8°C. As this front dropped slowly southward into the Channel, so we saw rain from around noon, turning to drizzle with mist and hill fog by the evening, eventually clearing through mid evening as temperatures dropped into single figures by midnight in this cooler airflow. A belt of high pressure built steadily following this clearance, leading to a pleasant day on the 27th, the only day of the month with no rainfall from midnight to midnight.

Ex-hurricane, now tropical storm, 'Pablo' was by now making an appearance stage left out in the Bay of Biscay, breaking records as the furthest north and east formation of a hurricane in the Atlantic since records began. Whilst 'Pablo' quickly lost intensity tracking north over cooling seas, the storm was still packing a lot of energy and as it linked up with that recently cleared cold front, the whole system moved back northward towards the English Channel, arriving late afternoon on the 28th. Rain started to fall just before 1700hrs that afternoon and carried on until mid morning on the 31st, with just over 3 inches of rain falling during the last 4 days of the month. Needless to say, no sunshine was recorded during this period either, and with daytime temperatures struggling into double figures, it was a pretty miserable end to the month.

October then, was pretty much all about the rainfall. Just a fraction under twice the average fell through the month, making this the wettest October since 1960 and the 2nd wettest at the airport. This was also the wettest month since December 2011. With all that rain, sunshine was very much at a premium, and with a total of less than 90 hours, this was the dullest October for 5 years with the most sunless days since 2012 and the 2nd equal highest number of sunless days in October at the airport.

After a mild start, temperatures fell away markedly in the 2nd half of the month but overall temperatures were just about average.



A rare day this month; clear sky and light winds sees some convective *Cumulus* with a shower off the west coast around sunset on the 21st. Photo credit Rob Taylor.

November

Outbreaks of heavy rain, drizzle and fog patches greeted the new month as a series of low pressure systems out in the near Atlantic maintained the very unsettled spell of weather, with any settling high pressure nothing but a distant memory.

Within this conveyor a particularly vigorous feature swept in across the southern tip of Ireland and into the Southwest Approaches early on the 2nd. Our winds backed round to the southwest and increased to a full gale shortly after dawn with gusts up at Guernsey Airport reaching 60mph and nearer 65mph up around Alderney, as blustery showers brought more damp misery to our shores. This nasty low rapidly cleared away to the east, with winds easing down through the afternoon to become cyclonic variable in the small hours of the 3rd. It didn't take long before yet another low rolled in from the west though, freshening our winds once again with yet more squally showers.



Squally showers lead to some lovely rainbows this month.

Indeed with low pressure continuing to dominate the UK weather, but with the more organised frontal systems clearing to the east, a regime of squally showers, frequently heavy and on occasions merging into longer periods of rain, battered the islands for the next few days. Hail was often mixed in with those heavier showers, and with our air now being dragged down from more northern climes, temperatures locally were steadily declining day on day.

The 8th was unusual in that whilst we were still in the grip of unsettled low pressure, we enjoyed a day (0900-0900) with no recorded rainfall, the first since the 4th of last month. This was very short-lived however, as a further band of rain, heavy at times, rolled in by mid morning on the 9th, clearing to squally showers that afternoon.

Squally rain and hail showers continued overnight into the 10th, becoming more isolated through that afternoon as our winds fell light and variable by dusk. Cloud thickened overnight, however, as the next weather front pushed in from the west, with rain and drizzle through the early hours of the 11th, clearing again to squally rain and hail showers by dawn. Clearing low pressure to the east of Scotland was driving these showers on a fresh to strong north-westerly flow, with temperatures struggling to make double figures by day's end on the 12th.

Yet another low swept in later on the 13th, with rain arriving late that afternoon, heavy for a time around 1700hrs before the cold front barrelled through shortly after. The winds veered sharply from south to west with a 4 degree drop in air temperatures as that front cleared through. Another rash of showers followed on behind, but as the centre of the low drifted over the Channel, so our winds fell light and variable and temperatures fell further to just 5°C by 1000hrs on the 14th.

As that low drifted slowly away to the southeast, so our winds fell into the north and freshened during the 15th, initially with a run of cool showers that gave way to longer and heavier periods of rain by evening as the low's occluded front dropped back south over the Channel through the evening.

Only half way through the month and we had already exceeded the whole month's average rainfall total, and still with a very unsettled look to the charts with the promise of yet more rain to come.

The start of the 16th saw this low pressure still nearby in the Bay of St Malo, drawing bands of showers down the Channel, which rather unexpectedly stayed away for the islands with only a few isolated showers spoiling a pleasant couple of days with lighter winds and excellent visibility at times.

Clear skies and light winds overnight into the 19th lead to grass temperatures falling to just -1.5°C by dawn and whilst it remained cool through the day, we did manage to enjoy a rare dry day in the islands as a delicate nose of high pressure stretched briefly up from Spain and over the UK. Atlantic fronts out to the west, however, started to nudge in towards the British Isles late on the 20th with cloud thickening overnight and rain arriving at our shores by dawn on the 21st. The rain became persistent through the morning before turning more showery later that afternoon, but with our winds still fresh to strong from the southeast, temperatures fell short of double figures once again.

Yet another vigorous low pressure swept in to Biscay for the 22nd, turning northeast and pushing a series of weather fronts into the Channel, with rain arriving mid afternoon before clearing just before dawn on the 23rd. The low was starting to fill, still covering most of Western Europe and the UK, but our winds started to ease down to be light & variable by the evening. Clearing skies and light winds overnight lead to some extensive shallow fog in places by the small hours of the 24th, but it was only a brief respite as further Atlantic weather barrelled in later that evening with freshening south to southeast winds and rain by late evening.

Ex-Tropical Storm '*Sebastian*' became the latest system to bring misery to our shores as this feature added to the already very mobile conveyor of systems sweeping in from the southwest with periods of rain or showers for the 25th & 26th, strong westerly winds but with milder temperatures. The next few days saw little change, but as

the main low pressure centre moved away over Scandinavia, so our winds eased down by the 28th, although the airflow remained predominantly showery.`

Colder air being pulled down across the UK by this departing area of low pressure travelled as far as the south coast of Britain before stalling in the North Channel as milder Atlantic air pushed in from the west. This new low, whilst quite extensive in size, was rather slow moving with rain arriving in the islands only late evening on the 30th.

November then was another disappointing month, with nearly 140% of the average rainfall making it the wettest November since 2010. There were 25 Rain Days ($\geq 0.2\text{mm}$) and only 2 days with no rainfall noted. The month was also dull, with only just over 60% of the expected amount of sunshine and we ended up being the duller November for 11 years. Rather bizarrely, despite the lack of sunshine, we recorded the lowest number of sunless days for this month since records began at the airport in 1947.

With 9 days of hail noted, the most days in November since 2009, the month ended up some 0.5°C cooler than the long term average but fog was recorded only on 1 day. The unsettled, cyclonic nature of this month was borne out in the average Sea Level Pressure; 1001.6mb, the lowest for this month since 2000 and the 2nd lowest recorded at the airport.

Looking back at Autumn, and temperatures were pretty much spot on the average but plenty of rain and a distinct lack of sunshine lead to it being the duller Autumn since 1992 and the wettest since 2000.

December

Following a dull and wet Autumn, December started on a much brighter note, almost overnight, as an intensifying belt of high pressure centred to the west of Ireland encouraged a weakening low pressure system over Portugal to ease away southward. The resulting northeasterly flow down the Channel was littered with a few light rain showers through the 1st, but as pressure rose steadily these showers flattened out, with the 2nd & 3rd fine and mostly sunny with excellent visibility and light winds.

Clear skies and light winds overnight lead to some extensive ground frosts, and some sheltered areas did actually see air temperatures drop below freezing too. By the 4th though, we started to see that high pressure slipping away eastward, with a stagnant belt of low cloud lying along the Channel through the day before breaking up overnight, leading to another ground frost by the morning of the 5th.

A glance at the weather charts saw our high pressure belt now well and truly disappearing away into Eastern Europe as the all-to-familiar North Atlantic conveyor started to re-establish itself, with the first in a series of depressions sweeping in across northern parts of the UK. The first of the trailing warm fronts arrived into the Channel overnight into the 6th with outbreaks of rain, mist and hill fog patches by dawn, along with fresh to strong southwesterly winds. The clearing cold front went through that afternoon as the winds veered into the west. A flat ridge then covered the UK for most of the 7th with a few residual showers in the morning, before the next warm front arrived just after midnight but clearing through quickly by dawn on the 8th with a scattering of blustery showers through the day.

Storm '*Atiyah*' blew through over Scotland during the 8th, with our winds steadily increasing through the afternoon to reach a full gale by late evening with gusts up to 60mph recorded at Guernsey Airport. These strong winds continued through the night, with blustery rain and hail showers, before slowly easing down through the morning of the 9th. As '*Atiyah*' barrelled away towards Scandinavia a brief ridge then covered the British Isles before the next warm front rolled in with rain arriving mid-morning on the 10th. Cloudy conditions ensued through the rest of the day before the rain became heavier towards evening, with the cold front clearing through around mid-evening.

Squally showers, some with hail, rolled across the Bailiwick through daylight hours on the 11th on a fresh and gusty west to northwesterly flow, as temperatures just failed to make double figures for the first time in a week.

Further Atlantic fronts in association with a complex series of lows driving across central Britain brought more rain to our shores in the small hours of the 12th, becoming persistent through the morning before clearing around lunchtime. A brief glimpse of blue sky early afternoon was all we saw of any sunshine before squally showers set in by dusk. Strengthening westerly winds overnight with further blustery showers of rain and hail saw air temperatures drop to just 5°C by dawn on the 13th, and these heavy showers lasted through that morning, only easing for the afternoon. Further misery arrived that evening as an open wave depression out to the west of the UK deepened and swept in across southern Britain. The first of the rain arrived early evening, turning to drizzle for a while as the winds increased to a full gale by 2100hrs with gusts up to 60mph. The early hours of the 14th saw the winds starting to ease off as that low moved swiftly away eastward, with a scattering of rain showers through the next morning.

Unsettled conditions continued through the weekend but by the 16th the winds had eased down to a light southerly. The fronts that had cleared through the previous day waved back into the Channel to give us rain once again from just after dusk and this rain continued overnight into the next morning before clearing to a brighter, more showery airflow. A short-lived nose of high pressure lasted through to early morning on the 18th, as extensive low pressure out to the west backed our winds into the southeast and freshened through the morning with rain arriving by early afternoon. This low was quite slow with its eastward progress, with the rain becoming sporadic in the Channel, although the fresh to strong south to southeasterly winds continued through to the 20th.

By the 21st this rain band had cleared away eastward, but a nasty wave disturbance just out to the west of the Channel deepened, sweeping up and through the islands around mid afternoon. As it went through we saw periods of very heavy rain with the visibility at times dropping down almost into fog limits. Some 15mm of rain fell between 1300hrs and 1600hrs, leading to localised flooding in places around the Bailiwick. By evening we were left with only a scattering of blustery showers within a strong northwesterly airflow, and this lasted through into the 23rd, with those showers slowly becoming more isolated as the winds eased and backed in to the southwest.

It wasn't long before the next Atlantic low pushed its fronts into Britain later that day, as the winds backed further in to the south, with the rain arriving by early evening. The rain turned to drizzle overnight with mist and hill fog patches at times, before clearing through by dawn on the 24th. Christmas Eve was another day of blustery showers, but after all the unsettled weather over the last few months, Christmas Day itself dawned cool and bright with light winds, as the whole of the British Isles sat under a very welcome belt of high pressure. Daytime temperatures just managed to reach double figures and coupled with the sunniest day for 3 weeks, provided some much appreciated extra festive cheer.

Rather unsurprisingly this was not to last, as by dawn on Boxing Day we fell in to the grip of yet another Atlantic low pressure system as it swept in from the west bringing periods of rain, drizzle, mist and strong southwest to west winds. The upside of this was the broad area of more settled high pressure centred down over Spain, and as this feature started to intensify so our winds eased off through the 27th, although with a long sea track, we did end up with quite misty conditions with outbreaks of drizzle at times.

As that high transferred northeast across Europe to be over Denmark by the 28th, so our winds backed into the southeast, still light, but with a dank and chilly feel to the air. Gradually though, conditions improved as drier air started to feed in off the near continent by noon on the 29th, with the first sunshine recorded in about 3 days. With this cooler airflow temperatures started to fall away with daytime maximums just short of double figures.



Cirrus cloud rendering a rather Turner-esque sky shortly after sunset on the 29th

By evening on the 30th, light and variable winds saw extensive shallow fog forming in places across the island, with an early ground frost before cloud thickened overnight with a heavy dew by the morning. A shallow area of low pressure had slowly sneaked its way in to the southwest approaches by the afternoon of the 31st, with cloud thickening and lowering through the day and patchy drizzle by early evening.

Another mild December with, rather surprisingly, rainfall just below and sunshine just above the long term averages. A cool, dry start and finish to the month book-ended an unsettled, damp but rather mild 3 weeks or so.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2019	DIFFERENCE FROM AVERAGE	2019	PERCENTAGE OF AVERAGE	2019	PERCENTAGE OF AVERAGE
JAN	6.9	0.0	32.2	34.8	37.5	61.5
FEB	8.5	+2.0	51.8	73.8	150.5 *	175.4
MAR	9.1	+1.3	57.9	86.4	149.2	116.9
APR	10.2	+1.0	57.1	107.5	173.4	89.1
MAY	11.9	-0.1	20.6	40.5	252.8	107.8
JUN	15.0	+0.5	71.9	158.0	192.8	78.2
JUL	17.7	+1.2	33.6	79.8	327.9	130.8
AUG	17.4	+0.5	52.8	110.7	228.1	99.1
SEP	15.9	+0.5	75.4	131.1	162.9	90.4
OCT	13.1	+0.1	188.7	199.1	87.7	74.9
NOV	9.4	-0.5	144.4	138.4	47.4	60.9
DEC	8.7	+1.0	110.5	97.9	64.5	110.8
YEAR	12.0	+0.6	896.9	106.9	1874.7	100.6

* NEW RECORD

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2019	DATE	2019	AVERAGE 1981-2010	2019	AVERAGE 1981-2010
JAN	37.5	61.0	112.8	1998	26.0	1966	6.8	17th	13.9	22.7	15	10.1
FEB	150.5 *	85.6	143.9	2008	36.1	1976	10.2	25th & 27th	51.1	29.1	3	6.3
MAR	149.2	127.6	214.8	2009	67.4	1964	11.3	27th & 30th	40.6	34.7	3	5.5
APR	173.4	194.7	280.4	1984	122.2	1981	13.1	21st	42.4	47.7	1	2.5
MAY	252.8	234.5	336.4	1989	136.9	1981	14.1	12th, 13th & 21st	53.5	49.6	1	1.8
JUN	192.8	246.6	355.3	1975	147.8	1977	14.4	1st	40.1	51.2	0	1.9
JUL	327.9	250.7	340.5	2018	167.7	1972	14.9	3rd	67.7	51.7	0	1.4
AUG	228.1	230.1	323.0	1955	139.2	1992	12.7	23rd	51.5	52.0	1	1.2
SEP	162.9	180.1	266.5	1959	104.5	1956	12.3	1st	43.2	47.8	1	2.3
OCT	87.7	117.1	176.4	1971	72.6	1968	9.0	6th	26.5	35.3	9	4.6
NOV	47.4	77.8	123.6	2006	38.9	1981	5.3	12th	17.5	28.7	3	6.9
DEC	64.5	58.2	108.9	2001	26.6	1966	7.6	3rd	25.3	22.8	7	11.0
YEAR	1874.7	1864.0	2262.8	1959	1532.5	1981	14.9	03-Jul	42.1	41.8	44	56.8

ATMOSPHERIC PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE			
	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.
JAN	1020.8	1017.9	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220
FEB	1021.5	1018.0	1032.1	1959	1000.6	2014	1047.5	7/1964 1050	952.5	25/1989 1050
MAR	1020.4	1017.0	1029.9	1953	1000.7	2018	1047.7	3/1990 0930	969.6	13/1951 1630
APR	1013.4	1015.1	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620
MAY	1018.6	1016.0	1025.3	1991	1007.6	1983	1039.8	12/2012 1045	981.3	5/2004 2350
JUN	1014.8	1018.0	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500
JUL	1017.4	1017.7	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845
AUG	1016.4	1017.3	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000
SEP	1019.6	1017.2	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630
OCT	1012.4	1014.8	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200
NOV	1001.6	1015.3	1026.2	1978	1001.5	2000	1041.9	2/2001 0850	963.2	9/2011 0300
DEC	1012.1	1016.4	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450
YEAR	1015.8	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)	
	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2019	DATE	2019	AVERAGE 1981-2010	2019	AVERAGE 1981-2010
JAN	32.2	92.5	210.0	2001	15.4	1992	7.7	29th	11	19.3	7	14.6
FEB	51.8	70.2	182.8	1978	4.8	1965	14.8	9th	10	15.7	8	11.3
MAR	57.9	67.0	179.6	2001	2.7	1961	10.9	3rd	14	15.9	11	11.5
APR	57.1	53.1	130.4	1966	2.9	1980	14.1	4th	15	13.2	11	9.7
MAY	20.6	50.9	128.7	1994	4.1	1989	10.5	7th	6	11.9	5	8.5
JUN	71.9	45.5	129.7	1986	0.6	1976	15.9	6th	12	10.4	10	7.1
JUL	33.6	42.1	120.2	1960	3.9	1999	27.4	19th	5	11.0	2	7.5
AUG	52.8	47.7	122.0	1951	3.8	1955	15.7	8th	14	10.6	11	7.6
SEP	75.4	57.5	194.5	1952	6.9	1997	17.7	23rd	14	12.4	12	9.0
OCT	188.7	95.0	233.9	1960	3.4	1978	33.7	30th	25	17.3	23	13.3
NOV	144.4	104.3	234.5	2009	16.1	1978	17.4	4th	25	18.8	22	15.0
DEC	110.5	112.9	249.6	1999	28.1	1953	16.6	21st	22	18.6	20	15.5
YEAR	896.9	838.7	1317.0	1960	531.3	1989	33.7	30-Oct	173	175.0	142	130.5

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2019	AVERAGE 1981-2010	2019	DATE	RECORD HIGHEST	DATE	2019	AVERAGE 1981-2010	2019	DATE	RECORD LOWEST	DATE
JAN	8.5	8.7	11.1	25th	13.3	4/48,9/07	5.3	5.0	1.3	31st	-7.8	20/1963
FEB	10.9	8.4	16.1 *	27th	15.0	29/1948	6.1	4.6	1.4	3rd	-7.2	21/48,7/91
MAR	11.4	10.0	15.3	30th	19.4	29/1965	6.9	5.6	4.4	17th	-2.2	10,11/1958
APR	13.0	11.8	19.7	21st	24.3	16/2003	7.4	6.6	2.3	4th	-1.4	11/1986
MAY	14.7	14.9	20.0	31st	25.9	30/2003	9.2	9.2	5.1	4th	0.1	2/1979
JUN	18.0	17.5	26.3	28th	30.8	26/1976	12.0	11.5	9.2	22nd	5.4	1/1975
JUL	21.2	19.5	31.6	23rd	32.6	19/2016	14.3	13.6	10.6	17th	8.3	8/1954
AUG	20.3	19.8	28.5	24th	34.3	9/2003	14.4	14.1	11.9	23rd	9.2	28/1986
SEP	18.2	18.0	23.3	21st	30.6	2/1961	13.6	12.9	11.1	8th	5.8	28/1974
OCT	15.1	15.1	17.5	25th	23.6	1/2011	11.0	10.8	7.8	3rd	3.5	28/2003
NOV	11.2	11.8	15.5	1st	18.0	1/2015	7.7	8.1	3.9	15th	-0.8	28/2010
DEC	10.5	9.5	12.2	8th&10th	15.6	6/1953	6.8	6.0	3.0	4th	-3.8	24/1963
YEAR	14.4	13.8	31.6	23-Jul	34.3	09/08/03	9.6	9.0	1.3	31-Jan	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	6.9	6.9	9.0	2007	1.5	1963	3.2	3.7	4.7	1984	3.0	2005
FEB	8.5	6.5	9.0	1990	1.5	1986	4.8 *	3.8	4.7	2008	2.9	1993
MAR	9.1	7.8	10.3	1957	4.4	1962	4.5	4.4	6.4	1953	3.6	2006
APR	10.2	9.2	12.0	2011	6.4	1986	5.6	5.0	7.1	2011	4.2	1972&1978
MAY	11.9	12.1	13.9	1989	9.9	1984	5.5	5.7	7.3	1989	4.6	1981&1996
JUN	15.0	14.5	16.7	1976	11.3	1972	6.0	5.8	8.3	1976	4.1	1977
JUL	17.7	16.5	19.4	1983	13.8	1954	6.9	6.0	7.9	1983	4.4	1954&1998
AUG	17.4	16.9	19.3	2003	14.3	1956	5.9	5.8	7.3	1955&2003	4.3	1958
SEP	15.9	15.5	17.5	1949	12.8	1986	4.6	5.0	6.2	2003	3.6	1967
OCT	13.1	13.0	15.2	2001	9.6	1974	4.1	4.1	5.2	2018	3.1	2015
NOV	9.4	10.0	12.0	1994	7.7	1993	3.5	3.7	4.9	1969	2.8	1994
DEC	8.7	7.8	10.1	1953	4.4	2010	3.7	3.6	4.5	1968	2.1	2015
YEAR	12.0	11.4	12.4	2014	9.6	1963	4.8	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2019	DATE	RECORD LOWEST	DATE	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	-5.8	31st	-10.0	29/1947	0	1.6	16	1963	7	7.1	20	1985
FEB	-6.0	3rd	-11.1	12/1978	0	1.9	18	1986	6	8.5	24	1956
MAR	-2.2	26th	-9.4	3/1965	0	0.3	4	1947	5	6.8	18	1955
APR	-1.7	4th	-7.0	5/1990	0	0.0	1	1978,86	2	4.7	10	1984
MAY	-0.9	6th	-5.6	5/1979	0	0.0	--		1	1.5	9	1979
JUN	4.8	9th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	5.4	17th	1.0	7/1996	0	0.0	--		0	0.0	--	
AUG	5.2	21st	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	2.8	8th	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	2.2	20th	-4.0	30/1983	0	0.0	--		0	1.0	6	1992
NOV	-1.5	19th	-5.6	29/1987	0	0.1	2	2010	3	3.3	9	1988
DEC	-2.3	3rd	-8.9	29/1964,27/1995	0	0.5	5	1970	6	6.2	13	2010
YEAR	-6.0	03-Feb	-11.1	12/02/1978	0	4.5	31	1963	30	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	1 *	6.5	13	1955,82	2	1963,67,72,74,92	0	0.6	4	1979,98
FEB	5	6.6	15	1979	0	1969	1	0.6	3	1957,89
MAR	9	8.5	16	1960,94	0	1968,73	0	0.5	4	1958,67,82,87,95
APR	5	6.7	16	1963	2	1976,90	0	0.8	4	1981,95
MAY	8	7.7	19	1964	2	1988	0	1.1	4	1950,71
JUN	4	9.3	18	1965,2016	1	1975	1	1.4	6	1982
JUL	5	10.0	20	1972,78	3	2008	0	1.4	5	1982,94
AUG	11	9.2	21	1997	2	1976	2	1.2	5	1974
SEP	8	5.4	15	1987	0	1952,53,72	0	0.8	10	1976
OCT	6	4.1	17	1986	0	—	2	1.3	5	1964
NOV	1	3.3	14	1992	0	—	0	0.9	4	1969
DEC	4	4.5	11	1995	0	1947,64,75	1	1.0	4	1976,93
YEAR	67	81.7	115	1994	52	2008	7	11.6	21	1982,95

MONTH	SNOW OR SLEET				HAIL			
	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR	2019	AVERAGE 1981-2010	RECORD HIGHEST	YEAR
JAN	2	2.8	12	1963,85	5	5.1	13	1984,85
FEB	1	4.0	18	1956	4	4.8	18	2014
MAR	0	1.3	10	1962,70	4	3.9	10	2008
APR	0	0.6	4	1970	3	2.6	10	1994
MAY	0	0.0	3	1979	0	0.6	3	1955,82
JUN	0	0.0	—	—	0	0.1	1	1986,87,2016
JUL	0	0.0	—	—	0	0.1	1	1971,87,94 2014
AUG	0	0.0	—	—	0	0.1	1	—
SEP	0	0.0	—	—	0	0.3	2	1973,74,84
OCT	0	0.0	—	—	1	1.6	7	1992
NOV	0	0.5	6	2010	9	3.8	11	2000
DEC	0	1.7	10	2010	3	4.7	13	2009
YEAR	3	11.0	33	2010	29	27.7	50	1986

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)			
	2019	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2019	RECORD HIGHEST	YEAR
JAN	11	31	1948	4	1992	7	28	1948
FEB	10	26	1970,95	2	1959	8	23	1951
MAR	14	27	1979	3	1961	11	21	1947
APR	15	21	1983	2	2011	11	18	1966
MAY	6	26	1981	2	1989	5	19	1981
JUN	12	21	1991	3	1975,76	10	14	1987,91
JUL	5	20	1960,07	3	1999	2	15	1950,07
AUG	14	21	1963	1	1976	11	18	1992
SEP	14	23	1950,52	4	1959,97	12	21	1950
OCT	25	28	1981	5	1965,78	23	24	1981
NOV	25	28	2009	8	1978	22	26	2009
DEC	22	28	1993	8	1991	20	26	1959
YEAR	173	212	1960	138	1971	142	175	1960

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2019	AVERAGE 1981-2010	AVERAGE 1981-2010	RECORD HIGHEST	YEAR		2019	DATE	RECORD HIGHEST	DATE
JAN	10.1 *	14.2	0	2.1	11	1984	48	27th	77	25/1990
FEB	11.5	13.1	0	1.1	10	1990	42	7th	69	9/1988,11/1990
MAR	12.9	12.3	2	0.6	6	1980	54	4th	70	10/1982
APR	10.3	11.4	0	0.2	2	1964,72,83,94	44	5th	60	9/1994
MAY	8.8	10.9	0	0.2	2	2007	28	8th	58	19/1996
JUN	9.4	10.1	0	0.0	0	—	42	7th	51	16/1965
JUL	8.7	10.2	0	0.0	1	1956,69	41	30th	63	31/1983
AUG	9.9	9.7	0	0.0	1	1956,61,86	42	10th	52	26/1986
SEP	11.9	10.8	0	0.1	2	1953,65,74,83	39	29th	60	29/1962
OCT	12.4	12.4	0	0.9	4	1967,76	43	18th	81	16/1987
NOV	13.1	13.0	1	0.8	8	1977	53	2nd	73	23/1984,20/2016
DEC	14.6	13.7	3	1.8	9	1979	58	8th	83	15/1979
YEAR	11.1	11.8	6	7.8	20	1972	58	08-Dec	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

2019 MONTH	DIRECTION RANGE		350 -010	020 -040	050 -070	080 -100	110 -130	140 -160	170 -190	200 -220	230 -250	260 -280	290 -310	320 -340	SPEED ONLY
	SPEED RANGE														
JAN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.7
	4-10	knots	12.9	7.1	3.2	4.2	1.2	0.7	1.3	0.7	1.6	2.2	4.7	9.3	49.1
	11-21	knots	3.1	0.1	0.1	0.3	0.9	2.3	2.2	3.9	2.2	6.0	12.5	6.6	40.2
	22-33	knots	0	0	0	0	0	0	0	0.1	0.9	0.7	0.1	1.2	3.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		16.0	7.3	3.4	4.4	2.2	3.0	3.5	4.7	4.7	8.9	17.3	17.1	
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.2
	4-10	knots	1.6	1.2	1.3	1.8	7.3	14.0	9.8	8.2	3.1	1.3	0.1	0.9	50.7
	11-21	knots	5.5	0	0	0.1	1.6	7.9	7.0	7.7	5.7	3.4	2.8	1.0	42.9
	22-33	knots	0	0	0	0	0	0	0.3	0.9	1.9	1.8	0.3	0	5.2
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		7.1	1.2	1.3	1.9	8.9	21.9	17.1	16.8	10.7	6.5	3.3	1.9	
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.2
	4-10	knots	3.0	4.6	7.1	2.3	1.2	1.6	1.1	2.7	3.6	1.9	2.7	4.0	35.8
	11-21	knots	1.2	0.8	2.2	0	0	0.4	3.6	6.9	6.7	12.6	7.9	0.1	42.5
	22-33	knots	0	0	0	0	0	0	0.3	1.1	2.8	7.9	1.5	0	13.6
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		4.2	5.4	9.3	2.3	1.2	2.0	5.0	10.6	13.2	22.4	12.1	4.2	
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.2
	4-10	knots	1.3	6.7	15.6	6.9	6.7	5.7	4.2	2.6	0.7	2.4	2.4	1.5	56.5
	11-21	knots	0	0.8	5.4	6.7	7.8	2.9	2.6	2.6	2.2	2.8	3.2	0	37.1
	22-33	knots	0	0	0	0	0	0.6	0.1	0	0	2.1	0.4	0	3.2
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.3	7.5	21.0	13.6	14.4	9.2	6.9	5.3	2.9	7.2	6.0	1.5	
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.0
	4-10	knots	6.5	4.6	3.1	5.9	3.0	2.8	1.2	2.6	2.3	3.6	13.4	11.3	60.2
	11-21	knots	0.4	0.9	5.2	3.4	0	1.9	0.5	1.7	3.6	8.9	7.3	0.9	34.8
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		6.9	5.5	8.3	9.3	3.0	4.7	1.7	4.3	5.9	12.5	20.7	12.2	
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.7
	4-10	knots	6.4	4.7	4.4	3.8	4.6	4.3	3.3	6.9	7.8	7.4	3.9	2.6	60.1
	11-21	knots	0.1	0.1	7.1	2.8	0.7	0.8	0.4	3.9	7.5	6.8	1.9	0.7	32.9
	22-33	knots	0	0	0.4	0	0	0	0	0	0.1	0.7	0	0	1.3
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		6.5	4.9	11.9	6.5	5.3	5.1	3.8	10.8	15.4	14.9	5.8	3.3	
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.9
	4-10	knots	7.9	9.0	11.2	5.8	0.8	1.6	3.0	5.9	3.5	7.9	7.9	6.0	70.6
	11-21	knots	0	0.1	4.7	0.1	1.6	1.5	1.3	1.6	4.4	6.7	3.5	0.1	25.8
	22-33	knots	0	0	0	0	0	0	0.3	0.3	1.2	0	0	0	1.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		7.9	9.1	15.9	5.9	2.4	3.1	4.6	7.8	9.1	14.7	11.4	6.2	
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.7
	4-10	knots	1.6	0.8	2.0	3.6	2.8	3.9	1.7	4.3	10.8	9.4	8.6	5.5	55.1
	11-21	knots	0.1	0	0	0.3	1.1	1.3	2.4	5.5	14.0	10.8	2.2	0	37.6
	22-33	knots	0	0	0	0	0	0	0	0.3	2.3	0	0	0	2.6
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.7	0.8	2.0	3.9	3.9	5.2	4.2	10.1	27.0	20.2	10.8	5.5	
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.4
	4-10	knots	4.9	2.8	6.9	1.0	0.4	1.3	0.7	1.4	0.6	5.8	6.3	8.6	40.6
	11-21	knots	0.7	0.6	3.3	5.4	2.1	1.3	4.3	4.7	16.4	11.7	1.8	1.5	53.8
	22-33	knots	0	0	0	0	0	0	0	0.8	3.1	0.3	0.1	0	4.3
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		5.6	3.3	10.3	6.4	2.5	2.5	5.0	6.9	20.0	17.8	8.2	10.1	
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.5
	4-10	knots	3.4	6.7	3.2	2.0	0.8	1.7	1.7	2.6	2.4	3.5	2.8	1.5	32.4
	11-21	knots	0.8	1.3	0.5	6.9	3.5	0.1	5.5	11.6	11.8	11.0	5.2	0.1	58.5
	22-33	knots	0	0	0	0.3	0	0	0	0.4	1.9	1.1	0	0	3.6
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		4.2	8.1	3.8	9.1	4.3	1.9	7.3	14.5	16.1	15.6	8.1	1.6	
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.3
	4-10	knots	5.1	4.3	1.8	1.3	1.7	1.7	2.4	1.4	2.4	1.8	2.9	1.9	28.6
	11-21	knots	5.7	0.6	0.1	1.8	4.7	8.9	6.0	5.7	8.3	6.1	8.5	2.9	59.3
	22-33	knots	0	0	0	0	0	0	0.1	0	2.9	2.2	0	0	5.3
	≥34	knots	0	0	0	0	0	0	0	0	0.6	0	0	0	0.6
	DIRECTION ONLY		10.8	4.9	1.9	3.1	6.4	10.6	8.5	7.1	14.2	10.1	11.4	4.9	
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.0
	4-10	knots	0.8	2.4	0.4	1.6	2.6	6.2	4.8	1.3	1.6	2.2	0.8	1.9	26.6
	11-21	knots	0	1.9	1.3	0	0.9	6.3	4.6	9.5	8.5	9.3	2.8	1.2	46.4
	22-33	knots	0	0	0	0	0	0.4	1.1	1.2	5.2	8.1	3.4	0.1	19.5
	≥34	knots	0	0	0	0	0	0	0	0	0	0.5	0	0	0.5
	DIRECTION ONLY		0.8	4.3	1.7	1.6	3.5	12.9	10.5	12.1	15.3	20.0	7.0	3.2	
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.8
	4-10	knots	4.6	4.6	5.0	3.4	2.7	3.7	2.9	3.3	3.4	4.1	4.8	4.6	47.2
	11-21	knots	1.4	0.6	2.5	2.3	2.1	2.9	3.3	5.4	7.6	8.1	5.0	1.3	42.6
	22-33	knots							0.2	0.4	1.9	2.1	0.5	0.1	5.3
	≥34	knots													
	DIRECTION ONLY		6.7	5.9	8.1	6.0	5.1	6.9	6.7	9.4	13.2	14.6	10.8	6.4	

GUERNSEY AIRPORT MET OFFICE 2019

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1											3.0		
2						3.5		1.5					
3			2.0										
4								1.0					
5		8.5						1.5					
6		8.5										1.5	
7										2.0			
8			1.5					3.0					
9													
10													
11									0.5				
12							4.5		2.0	0.5			
13									1.5				
14								1.5					
15													
16		3.0						0.5					
17													
18							1.0						
19			0.5		1.5	2.5	3.5						
20			7.5				1.5						
21			0.5										
22		3.5											
23					0.5								
24						5.5	1.0						
25					1.0	2.0							
26			0.5		6.0			4.0	0.5	1.0			
27													
28													
29					9.0								
30					6.0				0.5				
31										0.5			
Tot Hrs	0.0	23.5	12.5	0.0	24.0	13.5	11.5	13.0	5.0	4.0	3.0	1.5	111.5
Tot Days	0	4	6	0	6	4	5	7	5	4	1	1	43

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 2019

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1											1.0		
2						3.5		1.0					
3			1.0										
4								1.0					
5		8.0						1.5					
6		5.0											
7										1.5			
8								2.0					
9													
10													
11													
12							4.0		2.0				
13													
14								0.5					
15													
16		1.5											
17													
18													
19					1.0	1.0	0.5						
20			5.0										
21													
22		3.5											
23													
24						4.0							
25						1.0							
26					5.0			3.0	0.5				
27													
28													
29					9.0								
30					5.5				0.5				
31													
Tot Hrs	0.0	18.0	6.0	0.0	20.5	9.5	4.5	9.0	3.0	1.5	1.0	0.0	73.0
Tot Days	0	4	2	0	4	4	2	6	3	1	1	0	27

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 2019

2019 MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	9.2	11.0	25th	6.7	3.2	31st	43.6	9.0	31st
FEB	11.3	17.9	27th	7.2	4.1	3rd	47.6	13.5	6th
MAR	11.2	12.9	6th	7.9	5.8	17th	53.5	13.7	3rd
APR	11.9	16.5	30th	7.8	4.4	2nd	43.2	14.3	4th
MAY	14.4	19.0	22nd	10.4	6.4	4th	17.7	9.8	8th
JUN	17.1	24.2	1st	12.5	10.2	22nd	85.8	22.5	7th
JUL	20.0	29.7	23rd	15.0	12.7	16th	25.3	18.1	19th
AUG	19.8	29.3	24th	15.5	13.7	21st	43.2	12.3	8th
SEP	18.2	25.0	21st	15.0	12.9	8th	66.9	13.9	24th
OCT	15.3	17.5	26th	12.3	8.9	29th	148.8	24.1	30th
NOV	11.8	15.7	1st	9.0	5.8	14th	144.7	21.7	1st
DEC	11.1	12.7	10th	8.4	4.7	4th	98.7	21.9	21st
YEAR	14.3	29.7	23-Jul	10.6	3.2	31-Jan	819.0	24.1	30-Oct

REPORT FOR SARK 2019

2019	TEMPERATURE °C								RAINFALL mm				SUN Hours	
MONTH	MEAN MAX	10yr Avg	HIGHEST MAXIMUM	DATE	MEAN MIN	10yr Avg	LOWEST MINIMUM	DATE	TOTAL	10yr Avg	WETTEST DAY	DATE	TOTAL	10yr Avg
JAN	8.8	9.1	11.2	25th	6.0	5.4	3.3	17th	34.3	111.7	5.8	28th	35.3	59.7
FEB	10.9	9.0	16.6 *	27th	6.0	4.8	1.8	3rd	59.7	75.2	19.6	9th	144.3	91.0
MAR	12.0	11.0	14.9	30th	7.1	5.9	4.7	17th	65.1	56.4	11.2	3rd	156.0	155.0
APR	13.5	13.9	19.3	22nd	7.5	7.5	2.5	3rd	49.9	42.4	8.8	3rd	204.6	232.0
MAY	15.9	15.9	20.1	31st	9.4	9.6	4.6	5th	28.5	43.5	17.5	7th	295.9	246.1
JUN	19.0	18.6	25.7	30th	12.0	12.0	9.2	10th	58.0	41.7	8.3	6th	228.9	254.6
JUL	22.4	21.2	31.7	23rd	14.3	14.0	11.7	16th	33.4	41.8	29.8	19th	340.6	275.0
AUG	21.7	20.8	27.3	24th	14.3	14.3	11.3	20th	41.2	56.1	13.2	8th	250.0	229.8
SEP	19.4	19.4	24.6	21st	14.1	13.5	10.7	8th	71.8	50.3	21.4	23rd	163.8	193.3
OCT	15.7	16.2	18.1	8th	11.0	11.7	8.1	29th	184.2	82.0	26.4	30th	88.1	129.9
NOV	11.4	12.7	15.7	1st	7.4	8.7	4.3	13th & 14th	167.6	122.0	29.8	4th	46.8	71.3
DEC	10.7	10.6	12.8	25th&26th	6.7	6.8	2.3	4th	114.3	124.6	15.8	12th	57.5	48.1
YEAR	15.1	14.9	31.7	23-Jul	9.7	9.5	1.8	03-Feb	908.0	847.7	29.8	19-Jul	2011.8	1985.8

Note: 10 year average is 2009-2018

* New Record

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER					
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)										
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs						
Tue	1	1037.6	9.7	8.3	9.0	7.4	9.5	10.4	340	05	5.6	15	TR	NIL	Cloudy with patchy rain late pm & eve					
Wed	2	1042.7	9.9	5.7	7.8	4.5	9.3	10.5	070	10	7.2	18	NIL	0.1	Cloudy, occ rain & drz early am					
Thu	3	1042.6	7.2	5.3	6.3	4.5	8.7	10.5	110	05	6.2	18	TR	0.1	Cloudy with isol light shwrs late ev. Xlnt viz					
Fri	4	1042.6	6.8	4.9	5.9	4.4	8.5	10.4	090	05	4.3	12	NIL	NIL	Cloudy, good visibility					
Sat	5	1040.8	5.9	3.3	4.6	1.6	8.2	10.3	020	03	4.2	13	NIL	NIL	Cloudy					
Sun	6	1039.3	9.4	5.0	7.2	4.4	8.1	10.2	350	06	5.0	14	TR	NIL	Cloudy, isolated light patchy rain pm					
Mon	7	1038.1	10.2	8.7	9.5	7.0	8.4	10.1	280	06	10.5	28	TR	NIL	Cloudy, isol light rain					
Tue	8	1031.7	10.5	7.3	8.9	5.2	8.8	10.0	340	13	11.0	25	NIL	1.4	Cloudy with early light rain & drz. Occn fair pm					
Wed	9	1031.0	8.1	5.2	6.7	3.1	8.4	10.0	020	10	9.9	20	NIL	3.7	Fair to cloudy. Good viz					
Thu	10	1032.2	6.9	3.7	5.3	-2.1	7.8	10.0	020	06	6.1	15	0.1	0.4	Fair at first becoming cloudy with light rain or drizzle evening					
Fri	11	1031.7	9.0	6.4	7.7	2.4	8.0	9.9	360	09	8.2	18	TR	NIL	Cloudy with isolated patchy rain becoming fine late eve					
Sat	12	1029.9	10.3	6.8	8.6	1.9	8.3	9.9	290	14	13.2	26	TR	0.1	Cloudy with rain and drizzle					
Sun	13	1022.8	10.5	9.7	10.1	7.4	8.8	9.8	280	20	18.0	33	TR	NIL	Cloudy with light rain & drizzle around dawn and late eve					
Mon	14	1024.2	10.5	7.9	9.2	6.9	8.9	9.9	340	11	9.2	25	TR	NIL	Cloudy with excellent visibility and dry air					
Tue	15	1024.4	8.7	7.2	8.0	5.7	8.6	9.9	260	07	9.2	24	0.3	NIL	Cloudy with occ rain or drizzle					
Wed	16	1010.3	9.7	7.2	8.5	6.3	8.6	9.9	200	15	15.5	33	3.0	NIL	Cloudy with rain/drizzle am, showers pm					
Thu	17	1013.1	8.1	2.0	5.1	2.9	8.3	9.9	330	11	9.9	36	NIL	6.8	Shwrs early am, clrn to fair or fine, dry air, xclnt vis					
Fri	18	1016.5	6.8	2.1	4.5	-4.2	7.4	9.8	170	15	15.1	30	7.1	0.4	Cloudy with good vis & dry air. Rain late pm clearing mid eve					
Sat	19	1007.1	9.6	5.8	7.7	3.5	7.6	9.7	220	07	7.6	22	1.6	1.4	Occn shwrs until mid am and then again late pm					
Sun	20	1015.0	7.0	2.7	4.9	-1.4	7.6	9.6	010	06	6.2	17	0.1	3.3	Cloudy occ showers clearing to become fair or fine					
Mon	21	1025.1	7.4	2.6	5.0	-3.7	6.9	9.5	060	04	8.1	29	3.2	NIL	Fair periods in the early hours, then cloudy, light showers pm					
Tue	22	1007.1	7.6	5.4	6.5	2.6	7.2	9.4	280	10	14.0	31	0.2	NIL	Heavy rain clrng isol shwrs. Occn hail late eve					
Wed	23	1002.4	6.9	3.8	5.4	1.8	7.0	9.3	340	15	11.5	29	TR	5.5	Shwrs am, occn hail, clrng by dawn to fair. Good viz & dry air					
Thu	24	1012.7	9.2	4.1	6.7	-1.0	6.8	9.2	160	06	5.6	16	0.1	NIL	Occn rain & drz am, some longer spells of drizzle pm					
Fri	25	1017.6	11.1	8.4	9.8	6.8	7.8	9.2	320	08	8.7	22	0.3	2.1	Cloudy am, drizzle & fog. Sunny intervals pm bec cloudy eve					
Sat	26	1012.7	10.1	7.6	8.9	6.2	8.2	9.1	250	16	18.6	43	2.9	0.6	Cloudy, patchy rain, mod late pm. Squally showers from eve					
Sun	27	999.0	9.1	5.9	7.5	4.0	8.2	9.2	330	24	20.4	48	TR	3.4	Fair with occ showers of rain/hail, dry air					
Mon	28	1008.4	7.7	4.0	5.9	3.0	7.5	9.2	340	12	9.0	23	TR	5.5	Cloudy am with early shower, bec fine pm. Cldy eve with shwrs					
Tue	29	1000.6	6.8	3.8	5.3	-1.2	7.2	9.2	160	11	9.9	40	7.7	NIL	Light rain from late am, bec mod & persistent noon clrng late eve					
Wed	30	997.4	6.6	2.5	4.6	0.5	6.6	9.1	290	15	9.5	30	0.3	2.7	Fair becoming cloudy with isolated showers, becoming fine pm					
Thu	31	989.6	7.5	1.3	4.4	-5.8	6.0	9.0	130	17	15.9	43	5.3	NIL	Cloudy with rain and sleet pm. Clearing early eve					
MEAN		1020.8	8.5	5.3	6.9	2.7	8.0	9.7	N	10.4	10.1	TOTAL	32.2	37.5						
30 YEAR AVE. 1981-2010		1017.9	8.7	5.0	6.9	2.8	6.9	8.2	SW	14.0	14.2	////	92.5	61.0						
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN 0.2mm	WET 1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE						
		11	7	2	5	0	0	0	7	1	0	0	15							
RECORDS FROM JANUARY 1947														RAINFALL		32.2 mm	SUNSHINE		37.5 hrs	
WETTEST DAY		35.8mm	DRIEST MONTH		15.4mm	LOWEST MIN		-7.8°C	WARMEST MNTH		9.0°C	SUNNIEST MNTH		112.8hrs	RAIN DAYS		11	SUNLESS DAYS		15
DAY/YEAR		11th/2001	YEAR		1992	DAY/YEAR		20th/1963	YEAR		2007	YEAR		1998	WET DAYS		7			
WETTEST MNTH		210.0mm	HIGHEST MAX		13.3°C	LOWEST GRASS		-10.0°C	COLDEST MONTH		1.5°C	DULLEST MNTH		26.0hrs						
YEAR		2001	DAY/YEAR		4th/48,9th/07	DAY/YEAR		29th/1947	YEAR		1963	YEAR		1966						

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - FEBRUARY 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs	
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX			
Fri	1	984.5	7.2	3.5	5.4	0.0	6.2	8.9	020	08	12.2	32	TR	4.8	Cloudy with fair periods, showers occ hail/snow pm
Sat	2	1007.0	6.4	3.4	4.9	1.3	6.1	8.7	360	16	14.6	33	TR	6.9	Fair or fine with light rain/hail shwr early am & rain shwr @ noon
Sun	3	1025.9	8.2	1.4	4.8	-6.0	5.7	8.7	130	03	8.8	26	2.0	6.3	Fine am with a ground frost, bec cloudy with light shwr late pm
Mon	4	1019.2	9.3	6.8	8.1	4.2	6.3	8.6	200	19	15.5	35	TR	0.4	Rain clearing by mid morning but remaining cloudy
Tue	5	1025.0	9.0	4.5	6.8	4.6	7.0	8.5	170	16	13.0	24	3.4	NIL	Fog am with rain/drizzle, clring pm with low cloud, occn drz
Wed	6	1021.4	10.6	8.9	9.8	8.4	7.6	8.4	240	06	9.9	38	10.9	0.5	Mainly cloudy, thick fog am, moderate rain, mist and fog pm
Thu	7	1012.9	10.3	6.8	8.6	4.8	8.0	8.5	260	22	19.7	42	1.2	4.5	Fair with rain/hail showers. Rain & drizzle from mid eve
Fri	8	1005.7	10.6	8.1	9.4	7.1	8.2	8.6	200	19	21.1	41	8.2	NIL	Rain am, bec persistent pm clrng early eve, hvy shwrs late eve
Sat	9	1008.6	10.5	7.1	8.8	6.1	8.1	8.8	250	23	18.0	38	14.8	1.3	Cldy with lt shwr am. Occn fair, rain from late pm bec mod eve
Sun	10	997.0	8.7	5.5	7.1	4.7	8.1	8.8	290	24	17.8	38	0.8	4.1	Early rain clrng to cloudy occn fair with rain/hail shwrs, T&L @ 0625
Mon	11	1024.7	9.6	3.6	6.6	3.6	7.7	8.8	330	14	9.9	30	TR(DEW	6.3	Slight shower early, otherwise fair or fine
Tue	12	1035.0	10.6	3.5	7.1	-2.7	7.3	8.8	230	07	6.3	12	TR(DEW	5.7	Fair or fine
Wed	13	1033.7	9.2	5.7	7.5	-0.2	7.4	8.8	170	13	10.0	19	TR(DEW	7.6	Fair or fine, high cloud at times
Thu	14	1031.8	9.8	5.4	7.6	2.3	7.3	8.8	130	10	10.8	18	0.0	9.2	Fine
Fri	15	1027.6	11.6	6.5	9.1	3.0	7.4	8.8	160	11	10.3	20	0.0	9.6	Fine
Sat	16	1025.0	10.0	8.2	9.1	5.1	7.9	8.8	190	08	9.5	18	TR	NIL	Cloudy, mist/fog patches, became fine in the evening
Sun	17	1015.4	11.2	7.9	9.6	5.1	8.0	8.8	160	14	9.7	19	0.7	2.1	Cloudy occ light rain
Mon	18	1017.2	9.6	5.8	7.7	6.0	8.4	8.8	210	07	8.3	18	5.5	0.2	Rain am, clearing pm to isolated showers, bec fine by eve
Tue	19	1021.8	10.4	4.5	7.5	-2.3	7.7	8.9	220	08	8.6	19	NIL	9.2	Fine bec fair with high cloud pm, cldy eve
Wed	20	1021.0	10.8	6.6	8.7	4.5	7.9	8.9	190	11	10.6	19	TR(DEW	8.6	Fine bec cloudy eve
Thu	21	1027.4	11.4	7.6	9.5	4.7	8.3	8.9	190	08	9.8	20	0.1	7.7	Some low cloud am, otherwise fine
Fri	22	1034.0	14.2	5.5	9.9	4.4	8.5	9.0	140	08	9.6	18	NIL	7.9	Hvy dew & thick fog until mid am, then fair with high cloud pm
Sat	23	1032.3	13.2	8.4	10.8	5.2	8.6	9.0	140	10	7.9	17	NIL	7.2	Hazy sunshine with increasing high cloud through the afternoon
Sun	24	1033.9	14.3	6.2	10.3	-0.1	8.8	9.0	110	05	6.8	15	NIL	9.4	Mist thickening to fog @ dawn, soon clearing to fine
Mon	25	1035.1	15.6	6.8	11.2	-0.3	8.5	9.1	120	09	8.8	19	NIL	10.2	Fine
Tue	26	1031.7	14.2	6.5	10.4	1.5	8.6	9.2	120	08	8.0	17	NIL	10.1	Fine
Wed	27	1026.4	16.1	7.5	11.8	1.5	8.6	9.2	150	07	8.5	25	TR	10.2	Fine
Thu	28	1020.8	12.7	9.3	11.0	7.8	9.3	9.2	220	13	17.2	32	4.2	0.5	Cloudy with early mist then occnl shwrs

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
Fri	1	1022.8	10.9	8.4	9.7	6.4	9.3	<u>9.2</u>	290	11	10.9	27	5.5	1.7	Mainly cloudy, rain by midnight.			
Sat	2	1015.9	11.8	9.1	10.5	7.2	9.6	9.3	270	16	17.2	29	6.8	5.4	Cldy with early rain & fog, bec fair/fine. Cldy eve, rain & drz late			
Sun	3	1006.2	12.3	9.6	<u>11.0</u>	<u>10.1</u>	10.0	9.4	200	15	17.3	40	<u>10.9</u>	0.1	Cldy, rain/drz & fog, clrng mid am. Cldy pm occn rain & shwrs later			
Mon	4	999.6	10.0	4.7	7.4	4.1	9.4	9.5	270	14	19.8	<u>54</u>	5.4	3.7	Showers, occ heavy with hail. Gale 0130-0155			
Tue	5	1006.2	10.8	6.2	8.5	3.5	8.9	9.6	240	10	15.0	36	1.8	0.1	Cldy with shws am, occn hvy with hail. Light rain from eve			
Wed	6	<u>989.9</u>	12.2	8.3	10.3	7.8	9.4	9.6	170	18	16.2	33	0.6	1.7	Rather cloudy scattered light showers			
Thu	7	999.0	10.5	6.5	8.5	4.9	9.3	9.6	260	22	18.6	37	0.4	8.2	Cloudy bec fine with showers am. Fine afternoon			
Fri	8	1016.1	10.4	7.0	8.7	4.2	9.0	9.6	240	10	13.3	31	2.4	1.2	Fair to cldy am, bec cloudy with rain, drizzle, fog evening			
Sat	9	1018.3	12.3	8.7	10.5	7.4	9.4	9.6	260	18	14.3	29	9.5	1.2	Mist & drizzle am, clrng bec cloudy with rain eve, drz & fog			
Sun	10	1016.6	11.3	6.7	9.0	7.9	9.8	9.6	280	<u>29</u>	<u>25.0</u>	49	0.1	8.7	Rain, drz, mist & fog early am, bec fine with isol shwrs, gales mid am			
Mon	11	1030.6	11.0	5.0	8.0	2.8	9.2	9.8	310	15	15.8	36	TR	8.7	Rain & hail shwrs clrng by dawn. Fine with high cloud late pm			
Tue	12	1010.6	10.0	5.2	7.6	5.1	9.4	9.7	200	25	21.3	44	5.5	1.8	Cloudy with rain late am occ heavy. Showers pm into eve			
Wed	13	1016.4	10.4	6.0	8.2	4.0	<u>8.7</u>	9.7	290	22	20.6	37	TR	5.0	Fair to cloudy with rain/hail showers			
Thu	14	1013.6	10.7	7.3	9.0	6.8	9.0	9.7	270	<u>29</u>	24.6	45	0.1	NIL	Cloudy with persistent rain, drizzle & mist			
Fri	15	1016.6	11.1	<u>9.7</u>	10.4	9.7	9.6	9.6	250	26	23.0	39	TR	NIL	Cloudy with drizzle & mist until late pm			
Sat	16	1012.1	10.6	9.1	9.9	8.4	9.7	9.7	230	24	21.1	36	5.5	0.1	Cloudy with occn light rain. Hvy rain mid eve			
Sun	17	1010.1	<u>9.5</u>	<u>4.4</u>	<u>7.0</u>	3.4	9.2	9.7	290	18	17.0	35	0.1	7.5	Fair with isol shwrs, occn fine pm			
Mon	18	1024.0	9.6	6.2	7.9	5.3	9.2	9.7	310	10	9.5	22	1.5	0.5	Cloudy with showers occn fair			
Tue	19	1029.1	10.8	6.9	8.9	1.8	9.3	9.7	270	05	5.3	15	1.5	1.9	Cldy with occ shwrs. Mist, drz, fog early pm, clrng to fine			
Wed	20	1034.5	10.8	6.8	8.8	2.0	9.6	9.7	200	08	6.5	13	0.2	0.1	Drz & fog am, patchy fog & mist from midday with occ drizzle			
Thu	21	1035.4	11.3	8.8	10.1	8.9	10.2	9.7	270	<u>02</u>	<u>3.5</u>	11	NIL	NIL	Cloudy, brief fog patch and adjacent fog for a time			
Fri	22	1030.0	11.9	6.1	9.0	2.5	10.3	9.9	140	07	4.8	15	NIL	5.9	Cloudy with mist or haze, low cloud clearing pm to fine			
Sat	23	1031.6	13.0	5.9	9.5	0.3	10.2	10.0	060	<u>02</u>	4.8	15	0.1	2.4	Cloudy, occn fair. Haze occn mist from mid pm			
Sun	24	1032.3	11.6	7.2	9.4	7.0	10.7	10.0	010	06	7.4	19	NIL	8.9	Cloudy early, clearing to fine			
Mon	25	1033.5	10.6	6.2	8.4	3.4	10.5	10.1	360	14	8.9	22	NIL	10.9	Some cloudy spells am bec fine			
Tue	26	1036.1	12.4	5.5	9.0	<u>-2.2</u>	9.8	10.2	020	03	4.1	10	NIL	10.9	Shallow fog early otherwise fine			
Wed	27	1035.6	11.3	6.2	8.8	-0.8	9.9	10.2	030	08	6.4	19	NIL	<u>11.3</u>	Fine			
Thu	28	<u>1037.6</u>	12.7	5.9	9.3	-1.2	9.8	<u>10.3</u>	330	<u>02</u>	3.9	10	NIL	9.0	Shallow fog early, clearing to fair then fine			
Fri	29	1030.0	12.5	5.5	9.0	-0.4	9.8	10.2	070	07	6.3	14	NIL	10.7	Fine with haze			
Sat	30	1021.2	<u>15.3</u>	6.2	10.8	-0.1	10.2	10.2	130	05	5.3	11	NIL	<u>11.3</u>	Fine with occn haze			
Sun	31	1020.7	13.0	8.5	10.8	5.7	<u>10.9</u>	10.2	060	11	12.8	28	NIL	10.3	Fine but hazy, fresh NE'ly breeze pm			
MEAN		1020.4	11.4	6.9	9.1	4.4	9.7	9.8	W	13.3	12.9	TOTAL	57.9	149.2				
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
			14	11	0	4	0	0	0	5	9	1	2	3				
RECORDS FROM JANUARY 1947															RAINFALL	141.9 mm	SUNSHINE	337.2 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	35	SUNLESS DAYS	21
WETTEST MNTH YEAR		179.6mm 2001	HIGHEST MAX DAY/YEAR		19.4°C 29th/1965	LOWEST GRASS DAY/YEAR		-9.4°C 3rd/1965	COLDEST MNTH YEAR		4.4°C 1962	DULLEST MNTH YEAR		67.4hrs 1964	WET DAYS	26		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - APRIL 2019

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						
Mon	1	1019.8	11.6	6.6	9.1	5.9	10.9	10.4	050	09	8.1	23	0.2	7.6	Cloudy am bec fine pm. Haze at times			
Tue	2	1008.2	10.2	3.3	6.8	0.9	11.0	10.4	300	16	12.8	29	1.6	6.8	Cloudy with rain am, bec fair pm with rain/hail shwrs eve			
Wed	3	1000.8	7.9	2.4	5.2	-0.1	10.3	10.5	340	08	7.2	19	4.7	7.0	Cloudy occn fair/fine with occn shwrs			
Thu	4	992.9	9.6	2.3	6.0	-1.7	9.8	10.5	210	19	16.6	38	14.1	1.2	Freq rain/hail showers, occn hvy. Rain by late eve			
Fri	5	997.8	8.9	6.7	7.8	6.0	9.7	10.5	150	18	15.6	44	9.6	NIL	Cloudy with rain, moderate at times from 0730 until 2100			
Sat	6	1001.4	11.9	6.6	9.3	4.2	9.6	10.4	060	10	12.5	29	2.5	5.8	Cldy bec fine mid am, haze & cloud thickening pm, rain by early eve			
Sun	7	1005.0	12.9	7.3	10.1	5.3	10.3	10.3	120	13	10.4	21	NIL	4.5	Cloudy am bec fair/fine pm. Good viz. Cloudy eve			
Mon	8	1010.1	12.3	7.6	10.0	3.9	10.7	10.3	150	09	6.4	15	0.9	1.3	Cloudy occn fair, showers/rain from late pm into eve			
Tue	9	1012.3	12.3	7.4	9.9	2.3	10.9	10.4	050	04	5.9	21	3.0	1.3	Cloudy & hazy with shallow fog am. Lt shwr am, rain late eve			
Wed	10	1017.1	9.8	6.7	8.3	6.9	11.1	10.5	030	10	8.4	20	TR	1.5	Rain, until mid-am, occn hvy, bec fair pm & fine by eve			
Thu	11	1024.4	10.0	4.7	7.4	1.8	10.2	10.5	060	08	8.1	18	NIL	8.8	Bec cloudy by dawn then fine by mid pm			
Fri	12	1025.4	10.5	5.5	8.0	2.9	10.5	10.7	090	11	10.0	22	NIL	5.3	Cloudy am with sunny periods pm			
Sat	13	1025.1	10.3	5.0	7.7	3.0	10.1	10.5	120	14	13.2	25	NIL	11.1	Fine becoming cloudy evening. Low humidity			
Sun	14	1022.7	8.7	5.2	7.0	4.6	9.9	10.5	110	15	14.7	27	0.1	2.2	Cloudy occn fair, isolated shower evening			
Mon	15	1016.2	13.4	6.8	10.1	5.1	9.9	10.5	120	17	13.1	28	5.2	5.2	Fair, bec cloudy with moderate rain from late evening			
Tue	16	1015.6	12.6	8.3	10.5	8.0	10.3	10.4	300	08	7.3	20	NIL	7.6	Rain, drz & fog ptchs clrng mid am to fair/fine. Shallow fog & fog eve			
Wed	17	1018.7	15.5	6.0	10.8	2.0	11.1	10.5	090	11	9.9	22	NIL	7.6	Fog early, clrng to high cloud, then fair			
Thu	18	1018.5	15.4	10.5	13.0	9.0	11.8	10.5	080	13	10.1	22	NIL	2.6	High cloud and haze			
Fri	19	1025.8	18.4	10.7	14.6	9.1	12.1	10.8	060	08	7.6	16	NIL	11.8	Fine with high cloud at times & hazy at first			
Sat	20	1029.2	17.6	9.9	13.8	6.9	12.6	10.9	040	10	9.4	22	NIL	12.8	Fine, dry air			
Sun	21	1020.8	19.7	10.3	15.0	8.3	12.8	11.0	060	08	7.8	18	NIL	13.1	Fine with dry air, bec fair to cloudy evening			
Mon	22	1005.2	18.4	12.2	15.3	8.2	13.3	11.2	160	09	8.5	20	TR	6.5	Bec cldy by dawn with occn haze. Occn fine pm. Lt shwrs eve			
Tue	23	996.0	17.2	11.8	14.5	9.2	14.0	11.4	150	09	7.3	16	9.7	0.3	Cloudy, rain eve			
Wed	24	993.6	13.3	9.3	11.3	9.5	13.8	11.6	230	13	11.3	26	1.4	3.8	Cldy, fog patch early am then rain, clrng to fair. Shwrs pm			
Thu	25	996.9	13.2	8.1	10.7	8.2	13.3	11.8	190	15	11.1	28	1.5	6.4	Fine am scattered showers pm			
Fri	26	1011.5	12.7	7.4	10.1	4.2	13.2	11.9	220	13	14.5	32	0.8	4.5	Fair to cldy with shwrs, bec cldy with rain/drz eve, occn hvy			
Sat	27	1017.8	11.8	7.8	9.8	5.9	12.7	12.0	280	19	21.3	43	0.8	9.4	Fair/fine am with isol shwrs, fair/cldy pm with rain/hail shwrs			
Sun	28	1023.7	11.2	8.7	10.0	7.0	12.5	11.9	280	17	10.2	24	1.0	0.7	Cloudy with rain and drizzle, fog late eve			
Mon	29	1025.6	14.5	8.0	11.3	5.4	12.4	11.9	160	04	4.5	12	NIL	5.4	Cloudy with early fog. Rain clrng mid am. Fair pm, fine eve			
Tue	30	1024.7	16.7	7.7	12.2	4.9	12.9	11.9	160	09	6.1	13	TR	11.3	Fair or fine with medum/high cloud, thickening at times			
MEAN		1013.4	13.0	7.4	10.2	5.2	11.5	10.9	NE	11.6	10.3	TOTAL	57.1	173.4				
30 YEAR AVE. 1981-2010		1015.1	11.8	6.6	9.2	3.7	9.8	9.4	NE	11.8	11.4	////	53.1	194.7				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		15	11	0	3	0	0	0	2	5	0	0	1					
RECORDS FROM JANUARY 1947															RAINFALL	199.0 mm	SUNSHINE	510.6 hrs
WETTEST DAY		34.0mm	DRIEST MONTH		2.9mm	LOWEST MIN		-1.4°C	WARMEST MNTH		12.0°C	SUNNIEST MNTH		280.4hrs	RAIN DAYS	50	SUNLESS DAYS	22
DAY/YEAR		30th/2017	YEAR		1980	DAY/YEAR		11th/1986	YEAR		2011	YEAR		1984	WET DAYS	37		
WETTEST MNTH		130.4mm	HIGHEST MAX		24.3°C	LOWEST GRASS		-7.0°C	COLDEST MNTH		6.4°C	DULLEST MNTH		122.2hrs				
YEAR		1966	DAY/YEAR		16th/2003	DAY/YEAR		5th/1990	YEAR		1986	YEAR		1981				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
Wed	1	1019.2	12.7	8.0	10.4	6.0	13.7	<u>12.0</u>	050	05	6.1	14	0.6	0.2	Cloudy with rain by mid am, clrng early pm. Occn hazy			
Thu	2	1018.0	12.8	7.9	10.4	5.6	13.2	<u>12.1</u>	290	13	10.9	22	NIL	7.0	Cloudy am becoming fine pm. Cloudy eve			
Fri	3	1017.5	12.6	8.3	10.5	5.8	13.2	12.2	340	05	8.1	18	1.8	10.2	Fair to cloudy			
Sat	4	1018.6	<u>10.8</u>	<u>5.1</u>	<u>8.0</u>	4.6	13.0	12.2	040	12	9.9	25	NIL	9.4	Cloudy with rain clearing mid morning, to fine			
Sun	5	1027.7	11.6	5.3	8.5	0.1	<u>12.4</u>	12.3	030	07	5.0	15	NIL	13.8	Fine, good viz. Dry air			
Mon	6	1024.2	12.1	5.3	8.7	<u>-0.9</u>	12.5	12.3	220	12	6.1	16	NIL	8.8	Extensive high cloud by dawn. Good viz & dry air			
Tue	7	1015.1	14.7	6.5	10.6	5.0	13.0	12.3	140	11	10.4	25	<u>10.5</u>	3.9	Fair becoming cloudy, with light rain from late afternoon			
Wed	8	<u>995.3</u>	14.1	9.4	11.8	8.8	13.4	12.3	230	14	12.7	<u>28</u>	4.1	5.7	Cloudy with rain am, occn hvy, clrng to showers			
Thu	9	1001.0	13.1	9.0	11.1	6.2	13.4	12.3	280	<u>16</u>	<u>13.4</u>	27	TR	9.3	Cloudy with showers soon clearing to fine			
Fri	10	1009.4	12.2	7.7	10.0	1.9	13.5	12.4	140	09	5.5	14	2.6	1.0	Cloudy with intermittent rain, occn fair pm, cldy eve			
Sat	11	1019.7	13.9	8.9	11.4	5.9	13.5	12.5	310	10	9.3	19	NIL	13.4	Rain clrng by dawn to bec fair then fine. Good viz pm			
Sun	12	1034.7	16.1	7.9	12.0	2.0	13.7	12.5	140	06	7.1	17	NIL	<u>14.1</u>	Fine			
Mon	13	<u>1037.9</u>	14.2	8.2	11.2	6.2	14.3	12.6	090	12	11.7	28	NIL	<u>14.1</u>	Fine			
Tue	14	1031.6	14.8	9.3	12.1	7.6	14.5	12.8	070	13	12.5	28	NIL	13.6	Fine			
Wed	15	1025.4	16.4	9.2	12.8	7.0	14.6	12.9	090	11	10.4	21	NIL	13.9	Fine with high cloud			
Thu	16	1017.7	15.2	9.6	12.4	7.4	14.9	13.0	090	10	10.5	25	NIL	7.7	Fine with high cloud occ thick. Haze reducing viz early am			
Fri	17	1008.6	13.8	9.4	11.6	7.9	14.8	13.1	020	10	7.8	16	TR	6.8	Fair became cloudy by late pm with some patchy light rain			
Sat	18	1006.6	14.2	10.0	12.1	10.3	15.2	13.3	360	06	<u>4.3</u>	10	TR(FOG)	1.3	Cloudy occ rain driz & mist			
Sun	19	1010.2	15.1	9.0	12.1	5.2	14.9	13.3	350	07	5.2	12	TR	7.2	Fog overnight. Mainly cloudy occn fair, odd light shower pm			
Mon	20	1013.9	16.2	10.2	13.2	9.7	15.4	13.4	330	07	5.7	12	NIL	8.0	Isol light shower early am, cloud clearing in the pm to bec fine			
Tue	21	1019.6	16.9	9.4	13.2	4.9	15.5	13.6	360	06	4.5	10	NIL	<u>14.1</u>	Fine			
Wed	22	1021.5	18.9	8.9	13.9	3.6	15.8	13.7	210	<u>04</u>	4.4	10	NIL	13.5	Fine, high cloud at times, dry air			
Thu	23	1018.3	15.6	10.2	12.9	6.1	<u>16.3</u>	13.9	290	07	7.6	16	NIL	7.7	High cloud, brief fog bank am			
Fri	24	1020.2	16.4	10.0	13.2	7.4	15.8	14.0	320	08	9.5	21	NIL	10.9	Medium high to cloud throughout day but good sunny intervals			
Sat	25	1022.0	15.6	11.4	13.5	8.7	16.0	14.1	290	07	10.0	21	TR	5.2	Mist and patchy low cloud am,fair pm then fog late eve			
Sun	26	1019.1	14.1	12.1	13.1	13.0	15.9	14.1	270	11	12.1	23	TR	0.1	Cldy & misty with drz am. Fog mid pm with occ drizzle			
Mon	27	1015.8	15.7	11.0	13.4	8.5	15.3	14.2	300	12	12.8	26	TR	8.5	Fair			
Tue	28	1014.8	15.1	10.7	12.9	8.6	15.6	14.2	310	14	12.1	23	TR	11.6	Fair with occ light shwr am			
Wed	29	1021.5	13.7	10.2	12.0	8.4	15.6	<u>14.3</u>	190	12	10.8	23	1.0	NIL	Cloudy. Drizzle with fog by noon			
Thu	30	1025.2	17.5	12.8	15.2	12.9	15.3	<u>14.3</u>	260	14	10.8	20	NIL	1.6	Fog with occn drz clrng mid am, cldy pm & eve			
Fri	31	1026.2	<u>20.0</u>	<u>13.0</u>	<u>16.5</u>	<u>13.3</u>	16.1	14.2	200	<u>04</u>	4.5	09	NIL	10.2	Fog early soon clearing, cloudy am bec fine pm			
MEAN		1018.6	14.7	9.2	11.9	6.7	14.5	13.1	W	9.5	8.8	TOTAL	20.6	252.8				
30 YEAR AVE. 1981-2010		1016.0	14.9	9.2	12.0	6.7	13.0	11.8	NE	11.4	10.9	////	50.9	234.5				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	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	1	8	1	0	1					
RECORDS FROM JANUARY 1947															RAINFALL	219.6 mm	SUNSHINE	763.4 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	56	SUNLESS DAYS	23	WET DAYS	42			
WETTEST MNTH YEAR	128.7mm 1994	HIGHEST MAX DAY/YEAR	25.9 30th/2003	LOWEST GRASS DAY/YEAR	-5.6°C 5th/1979	COLDEST MNTH YEAR	9.9°C 1984	DULLEST MNTH YEAR	136.9hrs 1981									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JUNE 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
Sat	1	1020.3	25.5	11.2	18.4	8.0	16.9	14.3	130	10	6.3	15	TR	14.4	Fine, high cloud at times			
Sun	2	1012.4	19.8	12.3	16.1	12.4	17.5	14.5	230	12	10.3	24	TR	1.5	Cloudy. Fog am, light shwrs pm			
Mon	3	1015.9	17.6	11.4	14.5	9.5	16.6	14.7	230	13	8.2	20	TR	10.7	Mostly cloudy am, bec fine by noon, cloudy eve			
Tue	4	1004.7	15.6	11.5	13.6	9.7	16.7	14.8	150	09	7.8	22	2.4	3.2	Cldy with rain from mid am clrng to shwrs pm, fair evening			
Wed	5	1008.4	15.4	11.3	13.4	9.2	16.4	14.9	270	11	9.7	17	NIL	9.1	Cloudy becoming fair occ fine			
Thu	6	1011.0	16.2	10.0	13.1	6.7	16.0	14.9	210	10	9.0	22	15.9	10.6	Fine, became cloudy pm with showers late evening			
Fri	7	995.9	15.3	11.0	13.2	10.8	16.3	14.9	150	20	15.3	42	12.7	1.6	Cloudy. Rain early, occn hvy, bec sct shwrs, rain eve			
Sat	8	1018.0	15.9	10.8	13.4	10.2	15.7	14.9	250	20	16.7	34	NIL	12.9	Isolated showers am, becoming fine by midday			
Sun	9	1021.7	15.3	9.3	12.3	4.8	15.9	14.9	190	02	4.0	11	TR	3.9	Cloudy			
Mon	10	1016.7	14.9	10.2	12.6	6.8	16.0	14.9	340	06	7.0	19	14.9	5.5	Cloudy occn fair, isol shwr am, rain late eve			
Tue	11	1008.8	15.6	9.3	12.5	9.5	15.6	14.9	010	08	9.3	22	1.1	7.3	Rain, occn hvy clrng mid am, fair/fine pm			
Wed	12	1009.3	14.2	11.0	12.6	9.4	15.9	14.9	020	09	8.1	18	1.1	2.0	Scattered showers, isol pm			
Thu	13	1008.5	14.7	10.1	12.4	8.4	15.4	14.9	230	14	12.4	25	0.6	2.1	Cloudy			
Fri	14	1011.8	16.6	12.0	14.3	11.6	15.4	14.9	210	11	9.6	20	0.5	4.3	Mostly cloudy with isol shwrs but fair or fine @ noon			
Sat	15	1013.3	15.3	12.0	13.7	9.9	16.0	14.9	190	12	9.5	20	4.1	1.2	Mainly cldy occn fair. Shwrs or rain on/off thru day occ mod			
Sun	16	1018.6	17.2	12.4	14.8	12.0	16.1	14.9	210	11	9.3	21	TR	2.2	Mainly cloudy with scattered showers			
Mon	17	1019.4	17.7	11.8	14.8	8.9	16.4	14.9	190	09	6.1	16	4.3	9.4	Fair occ high cloud			
Tue	18	1012.3	16.0	12.0	14.0	10.7	17.1	15.0	070	12	7.4	21	6.8	0.5	Distant TS am, shwrs throughout, occn hvy clrng later			
Wed	19	1009.2	16.4	12.9	14.7	11.5	16.7	15.1	310	05	8.2	22	TR	0.7	Cldy with mist, fog rain & shwrs clrng by mid pm. Fair/fine eve			
Thu	20	1016.1	16.8	11.6	14.2	9.3	16.5	15.2	260	15	11.3	22	NIL	12.6	Cloudy at times but mainly fine during pm to eve			
Fri	21	1021.5	17.0	10.8	13.9	8.2	16.7	15.2	270	09	6.8	14	NIL	12.4	Fair or fine, shallow fog late eve			
Sat	22	1020.5	20.2	9.2	14.7	5.8	16.6	15.3	110	10	9.1	21	TR	13.2	Fine with high cloud thru the day			
Sun	23	1014.9	20.7	14.6	17.7	13.0	17.7	15.3	120	08	8.5	20	TR	0.2	Cloudy with occn light shwr am			
Mon	24	1017.5	21.5	13.7	17.6	14.0	17.6	15.5	290	03	6.2	18	7.4	0.5	Cldy with fog by dawn, clrng by early pm. Isol shwrs eve			
Tue	25	1018.4	19.7	13.9	16.8	14.5	17.4	15.6	350	05	4.7	12	TR	3.9	Cldy with fog & shwrs, clrng to fair, but with high cloud			
Wed	26	1023.1	19.0	14.8	16.9	14.6	18.1	15.7	050	12	14.9	35	0.1	6.2	Low cloud and haze bec fine but windy by late pm			
Thu	27	1023.3	18.8	14.1	16.5	13.8	17.8	15.8	070	18	17.9	37	NIL	9.5	Hazy with low cloud am clrng midday to fine. Windy			
Fri	28	1018.9	26.3	15.5	20.9	14.3	18.3	15.9	080	14	9.7	26	NIL	12.7	Fine			
Sat	29	1014.3	24.3	14.5	19.4	14.3	19.3	16.1	150	11	8.8	23	NIL	9.3	Fine, mist & adjacent fog am, bec cldy late pm w/mist. Clrng late			
Sun	30	1019.5	19.1	13.5	16.3	13.2	19.3	16.2	290	09	9.6	20	NIL	9.2	Cldy with occn mist am clearing to fair then fine pm			
MEAN		1014.8	18.0	12.0	15.0	10.5	16.8	15.1	W	10.6	9.4	TOTAL	71.9	192.8				
30 YEAR AVE. 1981-2010		1018.0	17.5	11.5	14.5	9.0	16.0	14.4	W	10.4	10.1	////	45.5	246.6				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		12	10	0	0	1	1	0	0	4	1	0	0					
RECORDS FROM JANUARY 1947															RAINFALL 291.5 mm		SUNSHINE 956.2 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 68		SUNLESS DAYS 23						
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 52								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JULY 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			mb															
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
Mon	1	1023.0	17.6	13.4	15.5	11.9	19.0	16.4	310	12	9.4	20	NIL	12.5	Cloudy early bec fine			
Tue	2	1025.2	18.4	12.8	15.6	9.4	18.7	16.6	040	10	7.6	18	NIL	11.7	Cloudy early bec fine			
Wed	3	1024.9	19.4	12.4	15.9	7.7	18.6	16.6	060	12	11.0	30	NIL	14.9	Fine			
Thu	4	1024.7	19.1	13.5	16.3	10.7	18.5	16.7	050	11	9.4	20	NIL	14.8	Fine			
Fri	5	1020.5	24.5	12.9	18.7	7.9	18.7	16.7	070	07	6.2	13	NIL	14.8	Fine			
Sat	6	1014.9	22.0	15.6	18.8	13.3	19.4	16.8	360	05	5.3	12	NIL	9.0	Fair			
Sun	7	1016.3	20.2	13.5	16.9	11.3	19.5	16.9	330	04	6.0	13	NIL	9.3	Fine am bec fair with high cloud. Mist and low cloud eve			
Mon	8	1020.2	22.3	13.5	17.9	11.4	19.4	17.0	110	11	7.2	16	NIL	14.4	Some early mist then fine with thin high cloud. Dry air			
Tue	9	1022.1	21.8	12.9	17.4	10.1	19.5	17.1	130	04	5.1	11	NIL	14.9	Fine with dry air from mid am			
Wed	10	1021.0	23.6	13.8	18.7	9.3	19.6	17.1	180	05	4.4	09	NIL	11.4	Fine but high cloud thickening through day			
Thu	11	1014.9	20.7	15.6	18.2	15.0	20.1	17.2	280	09	7.6	16	0.5	10.3	Cloudy & misty, bec fine by noon. Cloudy by late eve			
Fri	12	1017.0	21.2	15.4	18.3	14.4	20.3	17.4	320	07	8.1	17	NIL	10.8	Early fog, mist & drz clrng to fine late am			
Sat	13	1023.3	20.1	14.1	17.1	11.8	20.0	17.5	020	08	7.4	16	NIL	14.2	Fine			
Sun	14	1022.0	20.9	13.3	17.1	9.6	19.8	17.5	070	11	8.6	23	NIL	13.8	Briefly cloudy am otherwise fine			
Mon	15	1022.9	19.6	13.5	16.6	10.6	19.9	17.6	080	06	7.0	16	NIL	11.8	Fair to fine			
Tue	16	1020.1	20.4	11.3	15.9	7.2	19.6	17.7	070	07	4.9	12	TR(DEW)	10.8	Fair to fine			
Wed	17	1016.9	19.8	10.6	15.2	5.4	19.4	17.7	280	06	8.1	19	0.1	10.3	Fair or fine. Mist & shallow fog early			
Thu	18	1013.3	19.6	15.3	17.5	13.6	19.6	17.7	250	12	11.2	20	TR	4.8	Drizzle, mist and fog am clrg by noon to bec mostly cloudy			
Fri	19	1013.5	18.7	14.7	16.7	11.9	19.3	17.6	190	11	9.9	24	27.4	0.1	Cldy with light radz am. Misty & foggy pm & eve, prds of hvly rain			
Sat	20	1010.6	19.7	15.4	17.6	16.0	18.9	17.6	240	17	13.8	25	NIL	8.9	Rain/drizzle and fog patches early, became fair			
Sun	21	1022.7	20.8	13.6	17.2	8.5	18.8	17.5	210	07	6.3	12	NIL	12.3	Fine with extensive high cloud			
Mon	22	1024.8	22.2	15.6	18.9	13.1	19.7	17.6	240	08	6.2	12	NIL	11.7	Fine with coastal sea fog through the morning			
Tue	23	1016.0	31.6	15.6	23.6	14.4	20.3	17.7	110	10	8.6	23	TR	10.8	Early mist, then fine bec cldy pm. Dry air pm. Lightning late eve			
Wed	24	1015.5	26.4	16.6	21.5	15.6	20.8	17.8	230	07	7.8	22	NIL	12.7	Cldy am with mist, fog patches & sea fog, bec fine pm			
Thu	25	1010.3	24.0	18.2	21.1	16.6	21.3	18.0	310	05	8.2	24	0.7	10.8	Fair, isolated light showers pm			
Fri	26	1012.9	20.9	16.6	18.8	16.4	20.9	18.1	240	08	7.2	15	NIL	2.8	Cloudy with rain early morning			
Sat	27	1009.9	19.9	15.1	17.5	12.6	20.4	18.3	340	09	10.0	22	NIL	13.4	Fine			
Sun	28	1010.2	20.7	14.6	17.7	12.1	20.0	18.2	280	12	10.3	22	NIL	13.9	Fine bec cloudy by late evening			
Mon	29	1008.9	22.3	14.3	18.3	10.0	20.0	18.3	150	10	12.2	34	4.4	10.6	Fair with light shwr pm			
Tue	30	1003.8	18.3	15.2	16.8	15.0	19.7	18.2	230	27	21.5	41	0.5	0.5	Mainly cloudy with isolated heavy showers			
Wed	31	1017.7	19.9	14.0	17.0	12.8	18.7	18.2	230	13	12.0	25	NIL	4.9	Light shwrs early am. Cldy bec fair then fine eve			
MEAN		1017.4	21.2	14.3	17.7	11.8	19.6	17.5	SW	9.4	8.7	TOTAL	33.6	327.9				
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				
			5	2	0	0	0	1	0	0	5	0	0	0	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947															RAINFALL	325.1 mm	SUNSHINE	1284.1 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		340.5 2018	RAIN DAYS	73	SUNLESS DAYS	23
WETTEST MNTH YEAR		120.2mm 1960	HIGHEST MAX DAY/YEAR		32.6°C 19th/2016	LOWEST GRASS DAY/YEAR		1.0°C 7th/1996	COLDEST MNTH YEAR		13.8°C 1954	DULLEST MNTH YEAR		167.7hrs 1972	WET DAYS	54		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2019

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		hrs	
Thu	1	1018.9	20.3	12.9	16.6	6.3	18.6	18.1	250	05	4.8	10	NIL	7.5	Cloudy start becoming fine pm		
Fri	2	1019.6	22.3	13.6	18.0	7.5	18.7	17.9	290	04	4.7	11	NIL	12.1	Early morning mist and fog soon clearing to become fine		
Sat	3	1018.2	24.3	15.5	19.9	11.7	19.4	17.9	130	10	9.6	18	TR	6.7	Cldy with light shwr late am, bec fine pm, cldy eve		
Sun	4	1014.4	19.2	15.6	17.4	11.7	19.5	18.0	250	08	7.9	16	1.0	0.8	Cloudy, fog patch early, became fine for a time early evening		
Mon	5	1012.6	20.4	15.4	17.9	13.5	18.9	18.0	270	09	11.0	19	NIL	9.4	Cloudy at first with rain,drizzle & fog, clearing to fair		
Tue	6	1011.4	21.1	15.3	18.2	13.5	19.1	17.9	230	12	13.4	29	TR	6.1	Cloudy am with isolated shower mid morning. Fair or fine pm		
Wed	7	1009.9	20.5	15.5	18.0	15.2	19.2	17.9	240	13	11.1	22	3.9	11.6	Fair with some sunny periods around midday and afternoon		
Thu	8	1010.1	19.6	15.3	17.5	13.7	19.4	17.9	160	09	8.8	18	15.7	0.1	Cldy with rain, drz, mist & fog. Better pm. Rain late eve, occn hvy		
Fri	9	1001.9	21.8	16.6	19.2	17.0	19.3	17.9	170	12	16.5	40	0.3	5.2	Heavy rain and fog early became fair with isolated showers		
Sat	10	1010.3	19.7	16.1	17.9	15.3	18.9	17.9	230	25	22.9	42	NIL	12.3	Cloudy with isol shwr, bec fair/fine		
Sun	11	1014.3	19.5	14.8	17.2	14.4	18.3	17.9	240	14	14.1	26	5.7	8.0	Cloudy bec fair/fine		
Mon	12	1016.3	18.2	13.3	15.8	11.3	18.2	17.8	290	09	10.8	23	7.5	9.5	Thunderstorm @0335z clearing to bec fine		
Tue	13	1020.9	17.5	13.1	15.3	11.8	18.1	17.8	260	05	8.9	18	2.1	3.0	Cldy am with hvy shwrs. Ltng @ 0652z. Fair/cldy pm & eve		
Wed	14	1014.7	17.6	14.7	16.1	12.2	18.1	17.7	190	15	13.9	24	0.9	NIL	Cloudy, outbreaks of rain/drizzle, brief fog patches.		
Thu	15	1016.7	19.7	15.3	17.5	14.2	17.8	17.6	280	16	14.1	27	NIL	6.0	Cloudy am, fine pm		
Fri	16	1015.3	19.1	15.0	17.1	13.1	18.4	17.6	200	14	13.4	27	6.5	0.1	Cloudy with rain from mid pm into eve with mist & fog		
Sat	17	1008.5	18.4	15.4	16.9	15.2	18.2	17.6	250	14	12.5	23	4.7	0.3	Drizzle & fog early am, clrng @ dawn, remaining cldy, rain eve		
Sun	18	1007.7	18.8	12.8	15.8	10.4	18.0	17.5	270	15	13.7	28	1.6	11.0	Cldy, rain clrng to sct shwrs early am, bec fair/fine with isol shwrs		
Mon	19	1017.3	19.0	14.4	16.7	12.2	18.0	17.5	270	14	13.6	23	TR	11.4	Showers early, became fine		
Tue	20	1025.2	18.2	13.4	15.8	10.8	18.0	17.5	290	09	7.6	16	TR(DEW	12.3	Fine, shower early am		
Wed	21	1028.4	19.4	12.1	15.8	5.2	17.8	17.5	170	05	3.8	11	TR(DEW	10.0	Early shallow fog. Fine		
Thu	22	1026.8	21.2	13.0	17.1	6.0	18.1	17.5	260	02	3.8	09	NIL	12.4	Early shallow fog then fine. Occn dry air		
Fri	23	1024.6	24.3	11.9	18.1	6.9	18.2	17.5	090	06	6.7	16	NIL	12.7	Early high cloud bec fine		
Sat	24	1017.5	28.5	16.8	22.7	14.0	18.9	17.5	140	11	9.2	17	NIL	8.5	Fair to fine, dry air		
Sun	25	1018.6	20.4	16.4	18.4	15.1	19.5	17.6	290	09	7.5	15	NIL	10.6	Fog early am, cloudy late eve		
Mon	26	1018.9	20.1	15.4	17.8	11.6	19.6	17.7	270	02	5.0	13	TR	1.9	Early mist then cloudy occn fair. Mist & fog eve		
Tue	27	1014.9	21.8	15.5	18.7	13.5	19.4	17.8	040	08	7.2	17	1.6	3.6	Early fog. T&L @0320z. Cldy occ fair with shwrs late pm/early eve		
Wed	28	1015.8	19.9	14.6	17.3	12.5	19.2	17.8	210	08	7.8	20	0.3	4.1	Cldy with early shwrs, bec fair pm, cldy eve with rain, clrng later		
Thu	29	1022.2	18.8	12.0	15.4	5.3	18.6	17.9	240	08	6.3	15	NIL	12.5	Fine		
Fri	30	1023.4	20.5	13.1	16.8	7.4	18.4	17.9	180	08	4.7	12	NIL	12.2	Fine		
Sat	31	1013.9	19.4	12.4	15.9	6.4	18.4	17.8	240	13	10.4	25	1.0	6.2	Fine bec cldy with rain & drz early pm, soon clearing		
MEAN		1016.4	20.3	14.4	17.4	11.4	18.7	17.8	W	10.1	9.9	TOTAL	52.8	228.1			
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	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		≥0.2µµ	≥1.0µµ														
		14	11	0	0	2	4	0	0	11	0	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	377.9 mm	SUNSHINE	1512.2 hrs
WETTEST DAY	55.8mm	DRIEST MONTH	3.8mm	LOWEST MIN	9.2°C	WARMEST MNTH	19.3°C	SUNNIEST MNTH	323.0hrs								
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	2003	YEAR	1955								
WETTEST MNTH	122.0mm	HIGHEST MAX	34.3	LOWEST GRASS	0.8°C	COLDEST MNTH	14.3°C	DULLEST MNTH	139.2hrs								
YEAR	1951	DAY/YEAR	9th/2003	DAY/YEAR	11th/1981	YEAR	1956	YEAR	1992								
														RAIN DAYS	87	SUNLESS DAYS	24
														WET DAYS	65		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2019

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs	
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX			
Sun	1	1019.9	18.0	13.3	15.7	9.1	17.7	17.7	330	11	8.1	18	NIL	12.3	Fine
Mon	2	1027.0	19.0	12.1	15.6	5.1	17.5	17.7	290	08	8.3	20	TR	8.7	Fair, occn cloudy
Tue	3	1027.3	19.7	13.9	16.8	11.6	17.6	17.5	280	09	9.1	18	1.2	6.6	Cloudy bec fine
Wed	4	1019.7	17.9	14.0	16.0	11.1	17.8	17.4	300	18	15.1	31	TR	9.2	Rain and drizzle clearing am
Thu	5	1027.9	17.0	12.6	14.8	11.9	17.5	17.4	350	13	10.1	25	NIL	8.0	Cloudy with light shwr am, bec fine pm
Fri	6	1027.9	17.4	11.4	14.4	3.3	17.0	17.4	280	13	12.1	30	TR	0.3	Cloudy with light rain mid evening
Sat	7	1024.3	18.1	12.4	15.3	5.0	16.8	17.2	360	09	6.5	16	NIL	8.3	Cloudy bec fine
Sun	8	1025.6	17.4	11.1	14.3	2.8	16.6	17.2	050	06	4.5	12	TR	9.7	Fine with excellent visibility
Mon	9	1013.6	16.4	11.3	13.9	4.4	16.6	17.1	230	12	8.6	21	8.2	0.4	Cloudy with rain and showers
Tue	10	1019.9	18.1	11.5	14.8	6.2	16.0	17.0	010	06	5.9	14	TR	8.6	Fine with occn shower, cloudy for a time pm then fine
Wed	11	1024.6	16.9	12.9	14.9	9.2	16.4	16.8	250	16	14.4	26	1.3	NIL	Cldy with mist, rain & drizzle. Fog ptch early eve
Thu	12	1031.0	19.4	16.0	17.7	16.3	16.8	16.8	240	13	12.1	22	1.2	2.0	Drizzle and fog until mid morning, some brighter spells pm
Fri	13	1033.9	17.5	15.8	16.7	14.0	17.1	16.7	330	03	7.0	18	0.1	0.1	Drizzle, mist occ fog patch, became dry from mid-afternoon
Sat	14	1031.8	20.4	14.8	17.6	12.9	17.2	16.7	080	10	8.0	18	TR(DEW)	9.9	Cloudy bec fine am
Sun	15	1027.2	19.2	12.9	16.1	6.3	17.2	16.8	330	07	5.3	11	TR	11.7	Shallow fog & fog early soon bec fine
Mon	16	1023.9	16.7	12.9	14.8	5.5	17.3	16.8	340	06	5.0	12	0.2	1.1	Mist & fog early, clearing but cldy with occn drizzle & mist
Tue	17	1024.4	17.7	13.9	15.8	12.6	17.4	16.9	050	11	9.2	21	NIL	7.6	Light drizzle, mist and rain early am, bec fine by noon
Wed	18	1028.1	18.2	13.4	15.8	10.8	16.8	16.8	080	11	11.6	24	NIL	10.4	Fine
Thu	19	1030.0	18.6	13.0	15.8	10.0	16.6	16.8	080	16	13.0	28	NIL	10.3	Fine
Fri	20	1022.6	20.0	13.1	16.6	9.9	16.5	16.8	100	16	15.0	27	NIL	11.1	Fine
Sat	21	1009.2	23.3	16.6	20.0	13.0	16.6	16.7	130	13	11.6	25	5.1	6.8	Fine am, cloudy pm
Sun	22	1003.9	19.8	14.2	17.0	14.5	17.1	16.6	190	12	12.4	29	3.8	4.0	Rain and mist am. Showers by late am, occn hvy pm
Mon	23	1012.6	16.9	14.4	15.7	12.3	16.8	16.6	200	14	14.5	28	17.7	0.1	Isol showers early am, rain from early pm, showers eve
Tue	24	1003.1	18.2	15.5	16.9	14.7	16.8	16.6	260	15	18.2	33	5.1	5.1	Heavy rain early, clrng pm
Wed	25	1005.3	17.3	14.2	15.8	13.9	16.6	16.6	260	20	18.2	33	8.9	0.6	Mainly cldy occn fair. Occn shwr am, rain & drizzle pm
Thu	26	1006.8	17.8	15.2	16.5	15.2	16.7	16.5	240	14	18.5	32	TR	1.3	Cldy with rain/drizzle & occ fog am. Fair pm
Fri	27	1008.8	17.0	13.6	15.3	12.6	16.4	16.5	240	21	21.2	38	3.7	3.0	Scattered showers
Sat	28	1014.4	17.7	13.8	15.8	12.4	16.0	16.5	250	21	18.4	34	3.9	3.2	Cloudy am with sct shwrs, fair pm, cldy eve with isol shwrs
Sun	29	999.7	16.9	14.8	15.9	14.5	16.2	16.4	230	22	20.7	39	0.5	2.0	Rain and sct shwrs am, clrng to fair pm
Mon	30	1014.0	17.1	13.9	15.5	11.7	16.0	16.4	200	14	13.0	25	14.5	0.5	Mainly cloudy, rain/drizzle pm, occn hvy eve
MEAN		1019.6	18.2	13.6	15.9	10.4	16.9	16.9	W	12.7	11.9	TOTAL	75.4	162.9	
30 YEAR AVE. 1981-2010		1017.2	18.0	12.9	15.4	9.8	16.3	16.5	W	11.1	10.8	////	57.5	180.1	
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		≥0.2µµ	≥1.0µµ												
		14	12	0	0	0	0	0	0	8	0	0	1		
RECORDS FROM JANUARY 1947															
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	101	SUNLESS DAYS	25
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	77		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2019

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		
Tue	1	1000.8	17.3	14.4	15.9	16.1	16.3	16.3	240	22	17.5	35	0.7	2.5	Cloudy with occn showers. T&L @ 0112z			
Wed	2	1018.8	15.0	8.9	12.0	10.2	16.0	16.3	030	08	7.7	24	NIL	7.1	Iso showers before dawn, bec fine by noon, occn fair			
Thu	3	1018.9	16.3	7.8	12.1	2.7	15.1	16.3	160	15	13.5	32	1.9	1.2	Briefly fair early pm, otherwise cldy with rain & drz from late pm			
Fri	4	1010.3	17.3	14.0	15.7	11.3	15.3	16.2	260	21	18.9	35	TR	1.6	Cloudy with occn showers			
Sat	5	1015.1	17.0	14.1	15.6	11.6	15.5	16.0	280	09	10.0	23	3.6	1.9	Occn fair otherwise cldy with occn rain/ drizzle. Hvy rain by midnight			
Sun	6	1015.2	16.3	12.8	14.6	10.7	15.8	16.0	290	15	14.0	28	4.1	9.0	Rain and drizzle early, became fair to fine			
Mon	7	1018.0	16.1	11.4	13.8	8.6	15.2	15.9	180	14	11.3	25	11.4	NIL	Rain & drz, occn persistent with mist & fog pm & eve			
Tue	8	1011.5	16.8	12.7	14.8	12.8	15.3	15.9	270	12	15.5	31	1.8	5.6	Early rain & drz clrng to cldy bec fair/fine pm & eve			
Wed	9	1009.4	15.6	10.7	13.2	9.8	15.0	15.8	270	19	20.0	38	8.1	7.3	Fair to cldy with shwrs, hvy in eve with T&L @ 1934z			
Thu	10	1017.1	16.5	12.5	14.5	9.2	14.7	15.7	250	16	15.9	29	TR	4.8	Cloudy with occn shwrs			
Fri	11	1011.4	17.1	15.1	16.1	13.6	15.0	15.7	210	15	17.5	32	4.8	NIL	Cloudy, patchy light rain at times.			
Sat	12	1009.3	15.6	12.0	13.8	12.6	15.1	15.6	330	04	4.5	11	11.5	NIL	Drizzle with occ rain, mist & low cloud. Fog ptch eve			
Sun	13	1002.6	16.5	11.6	14.1	12.5	15.1	15.6	230	13	12.2	28	6.8	0.6	Cldy with rain by dawn clrng by noon. Occn lt shwrs pm, cldy eve			
Mon	14	1004.4	15.0	12.1	13.6	7.5	14.8	15.5	090	09	8.9	20	2.9	NIL	Cloudy with rain am, occ shwrs pm			
Tue	15	1004.7	15.6	12.4	14.0	9.7	14.7	15.5	220	09	13.1	32	15.9	5.6	Fair with occ shwrs, rain eve			
Wed	16	1004.6	15.3	11.5	13.4	11.7	14.8	15.4	310	09	8.7	29	4.1	NIL	Cldy with occn hvy rain, drz, mist & fog am. Rain clrng early pm			
Thu	17	1007.0	15.8	11.5	13.7	8.0	14.5	15.3	220	14	15.0	36	8.4	4.6	Isolated showers, some bright spells			
Fri	18	1004.3	15.2	9.3	12.3	8.4	14.1	15.2	240	24	21.0	43	8.7	5.9	Sct shwrs, hvy early am & late pm. Ltng @ 0250, squall @ 1639			
Sat	19	1002.7	14.7	10.3	12.5	8.5	13.7	15.2	250	11	9.6	31	2.2	6.5	Sct rain & isol hail shwrs am, isol pm			
Sun	20	1009.1	14.5	9.2	11.9	2.2	13.3	15.1	010	05	7.5	20	4.1	3.3	Fair bec cloudy pm, shwrs eve			
Mon	21	1018.9	14.0	10.1	12.1	8.1	13.1	14.9	020	10	6.8	18	0.3	1.2	Cloudy with isolated showers			
Tue	22	1024.2	15.4	8.5	12.0	3.1	13.2	14.8	170	04	3.8	12	0.1	8.6	Shwr early am then fair bec fine pm. Funnel cloud @ 0935z			
Wed	23	1013.5	14.4	8.7	11.6	2.8	13.2	14.7	070	07	6.2	18	1.8	0.6	Cloudy with occn light rain			
Thu	24	1005.3	14.7	11.0	12.9	10.9	13.6	14.6	270	05	9.6	26	5.5	3.1	Cldy with rain, mist & fog am, clrng to fair. Occn shwrs eve			
Fri	25	1014.6	17.5	12.7	15.1	8.7	13.5	14.5	180	15	16.4	34	TR	1.0	Mainly cloudy, a little rain at times			
Sat	26	1009.9	17.2	10.8	14.0	12.2	14.0	14.5	190	16	16.8	35	2.6	0.1	Cloudy am. Rain & drz pm with fog early eve			
Sun	27	1023.7	12.0	9.2	10.6	6.8	13.5	14.4	040	08	10.0	24	TR	5.6	Fine with high cloud, good viz			
Mon	28	1022.3	11.1	8.4	9.8	6.9	12.9	14.5	090	16	13.7	28	5.0	NIL	Cloudy with occn rain. Good viz am			
Tue	29	1019.8	10.1	8.2	9.2	7.3	12.5	14.3	100	20	18.7	33	21.2	NIL	Cloudy, outbreaks of rain moderate at times			
Wed	30	1019.4	12.0	8.8	10.4	7.5	12.1	14.2	110	12	14.0	25	33.7	NIL	Cldy with rain heavy at times			
Thu	31	1016.3	13.4	11.7	12.6	10.7	12.3	14.0	100	05	7.1	22	17.5	NIL	Cldy with rain, drz & mist, clrng briefly @ noon			
MEAN		1012.4	15.2	11.0	13.1	9.1	14.3	15.3	W	12.3	12.4	TOTAL	188.7	87.7				
30 YEAR AVE. 1981-2010		1014.8	15.1	10.8	13.0	8.1	13.6	14.6	W	12.4	12.4	////	94.8	117.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		25	23	0	1	2	3	0	0	6	0	0	9					
RECORDS FROM JANUARY 1947															RAINFALL 642.0 mm		SUNSHINE 1762.8 hrs	
WETTEST DAY	59.1mm	DRIEST MONTH	3.4mm	LOWEST MIN	3.5°C	WARMEST MNTH	15.2	SUNNIEST MNTH	176.4hrs	RAIN DAYS 126		SUNLESS DAYS 34						
DAY/YEAR	12th/2014	YEAR	1978	DAY/YEAR	28th/2003	YEAR	2001/06	YEAR	1971	WET DAYS 100								
WETTEST MNTH	233.9mm	HIGHEST MAX	23.6°C	LOWEST GRASS	-4.0°C	COLDEST MNTH	9.6°C	DULLEST MNTH	72.6hrs									
YEAR	1960	DAY/YEAR	1st/2011	DAY/YEAR	30th/1983	YEAR	1974	YEAR	1968									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - NOVEMBER 2019

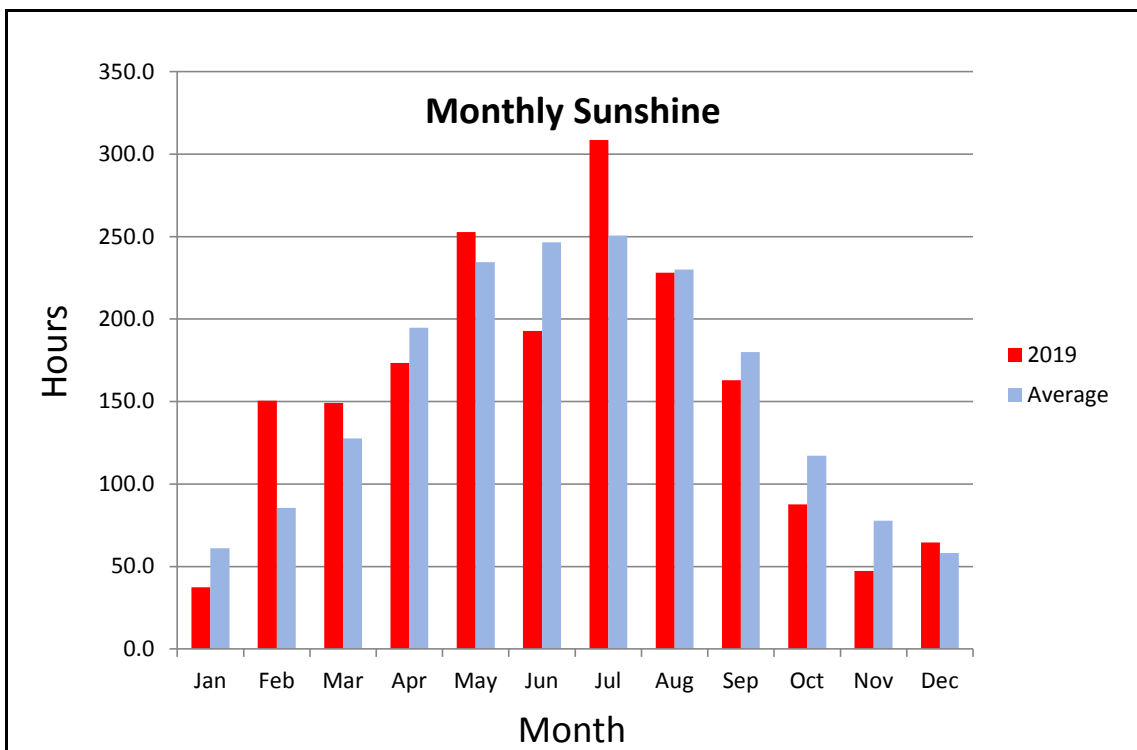
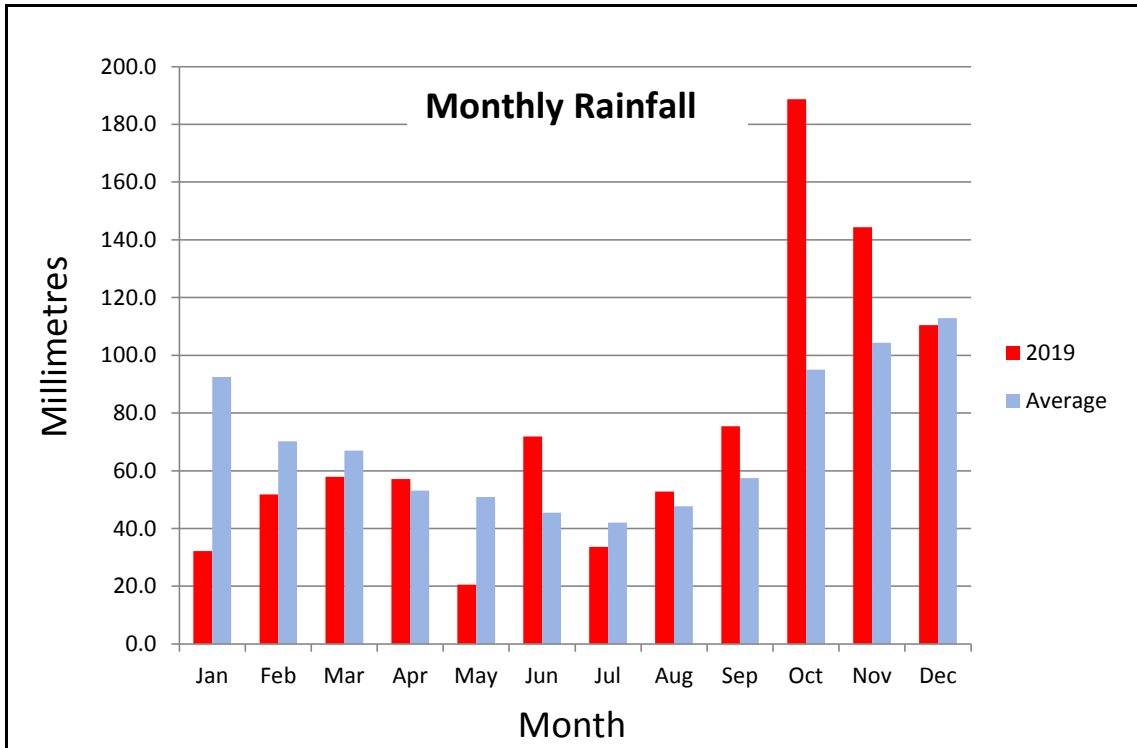
DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER					
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)										
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX	mm	hrs		
Fri	1	1003.7	15.5	13.2	14.4	12.0	13.0	13.8	250	16	16.5	36	9.0	0.1	Rain & drizzle, occn heavy with mist & hill fog					
Sat	2	987.1	13.9	9.9	11.9	8.3	13.1	13.8	230	36	25.7	53	6.7	NIL	Cloudy with frequent showers. Gales am					
Sun	3	983.8	13.6	9.2	11.4	6.5	12.4	13.8	280	18	15.0	39	4.6	2.6	A few sunny intervals, scattered showers					
Mon	4	984.4	12.6	8.9	10.8	7.3	12.3	13.7	230	17	19.3	38	17.4	2.1	Scattered showers throughout day/eve					
Tue	5	994.8	12.4	9.0	10.7	7.5	11.8	13.7	360	20	14.3	32	0.5	3.4	Sct shwrs, occn hvy & prolonged until dawn, shwrs bec isol pm					
Wed	6	1007.2	11.9	9.4	10.7	8.5	11.9	13.5	310	05	9.0	29	13.4	0.8	Cldy, isol shwrs am, sct shwrs pm, hvy rain eve. Hail shwrs late					
Thu	7	996.3	11.2	7.9	9.6	5.1	11.6	13.4	270	16	14.0	33	10.3	3.1	Fair intervals, scattered rain/hail showers					
Fri	8	1005.3	10.7	6.0	8.4	2.4	10.9	13.3	020	06	7.3	20	NIL	3.4	Rain/hail showers early am bec fair/fine					
Sat	9	1007.5	10.1	5.6	7.9	-0.4	10.5	13.2	200	15	13.2	34	16.1	0.2	Rain from mid am, occn hvy, bec shwry early pm, clrng eve					
Sun	10	1009.2	11.1	7.3	9.2	5.9	10.3	13.0	360	06	9.6	33	3.1	5.0	Cldy am with rain/hail shwrs, occn hvy. Fair/fine pm, cldy eve					
Mon	11	1007.7	10.5	6.5	8.5	2.1	10.4	12.8	320	13	17.9	36	1.8	4.1	Fair priods and scattered rain/hail showers					
Tue	12	1005.4	10.0	6.5	8.3	4.1	10.0	12.7	300	16	16.5	38	0.5	5.3	Fair periods and scattered rain/hail showers					
Wed	13	1005.3	10.4	5.1	7.8	4.6	9.9	12.5	270	16	12.7	37	10.2	1.8	Isol shwrs until early pm, hvy rain pm, sct rain/hail shwrs eve					
Thu	14	993.3	8.1	4.7	6.4	0.6	9.5	12.4	210	04	7.2	22	8.5	0.1	Cldy with persistant rain/hail shwrs am, sct rain shwrs pm & eve					
Fri	15	1004.0	8.5	3.9	6.2	-0.3	9.0	12.2	020	13	12.1	33	8.2	0.7	Mainly cldy with sct shwrs more persistent rain by eve					
Sat	16	1004.2	9.1	5.7	7.4	4.1	9.0	12.0	040	07	8.4	30	1.7	1.3	Cloudy with showers					
Sun	17	1009.6	9.6	5.6	7.6	0.4	9.0	11.8	090	04	5.8	17	TR	1.2	Isolated light showers, otherwise cldy, occn fair late eve					
Mon	18	1017.3	10.5	6.5	8.5	2.7	9.1	11.7	010	11	6.4	20	TR	4.3	Fair to cldy with sct lt shwrs @ dawn. Xlnt viz					
Tue	19	1016.9	10.7	5.3	8.0	-1.5	8.9	11.6	170	10	11.5	26	NIL	0.1	A very light shower early, otherwise mostly cloudy					
Wed	20	1010.1	8.9	6.0	7.5	4.0	9.1	11.5	140	17	16.3	27	1.6	1.3	Fair to cloudy. Good viz					
Thu	21	999.6	9.7	7.2	8.5	5.7	9.0	11.4	120	12	13.8	24	2.0	0.1	Rain by dawn clrng to showers pm					
Fri	22	993.2	10.5	8.5	9.5	5.7	9.1	11.4	160	19	17.5	32	3.7	0.3	Bec cldy by dawn with light rain late am & again mid pm on					
Sat	23	988.4	11.7	8.9	10.3	7.5	9.5	11.2	140	09	7.5	24	1.7	0.1	Cloudy with occ light rain/showers					
Sun	24	1004.8	12.2	8.9	10.6	3.1	9.7	11.3	280	03	8.2	31	4.7	NIL	Cloudy with showers am. Dry pm. Rain eve					
Mon	25	1001.0	12.9	10.1	11.5	9.4	10.2	11.2	200	09	12.9	29	2.6	0.3	Cloudy with scattered showers or outbreaks of rain/drizzle					
Tue	26	995.4	13.9	10.4	12.2	8.6	10.5	11.3	190	16	15.7	33	5.6	2.2	Rain/drz am clearing to fair with isol showers					
Wed	27	984.6	11.7	9.4	10.6	8.4	10.7	11.4	260	25	22.5	42	5.7	0.9	Rain & showers am, turning to frequent showers pm					
Thu	28	997.1	12.4	9.0	10.7	8.3	10.6	11.4	260	17	13.0	29	4.6	2.3	Fair with sct shwrs, occn hvy late pm					
Fri	29	1013.9	10.6	8.5	9.6	6.0	10.3	11.4	040	03	7.1	19	TR	0.3	Cloudy with showers am					
Sat	30	1015.5	9.6	7.4	8.5	7.3	10.3	11.5	120	18	15.3	29	0.2	NIL	Cloudy, a little light rain late evening					
MEAN		1001.6	11.2	7.7	9.4	5.1	10.4	12.3	W	13.2	13.1	TOTAL	144.4	47.4						
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE						
		25	22	0	9	0	0	0	3	1	0	1	3							
RECORDS FROM JANUARY 1947															RAINFALL		786.4 mm	SUNSHINE		1810.2 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	151	SUNLESS DAYS		37		
DAY/YEAR	15th/1975	YEAR		1978	DAY/YEAR		28th/2010	YEAR		2015	YEAR		2006	WET DAYS	122					
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 2019

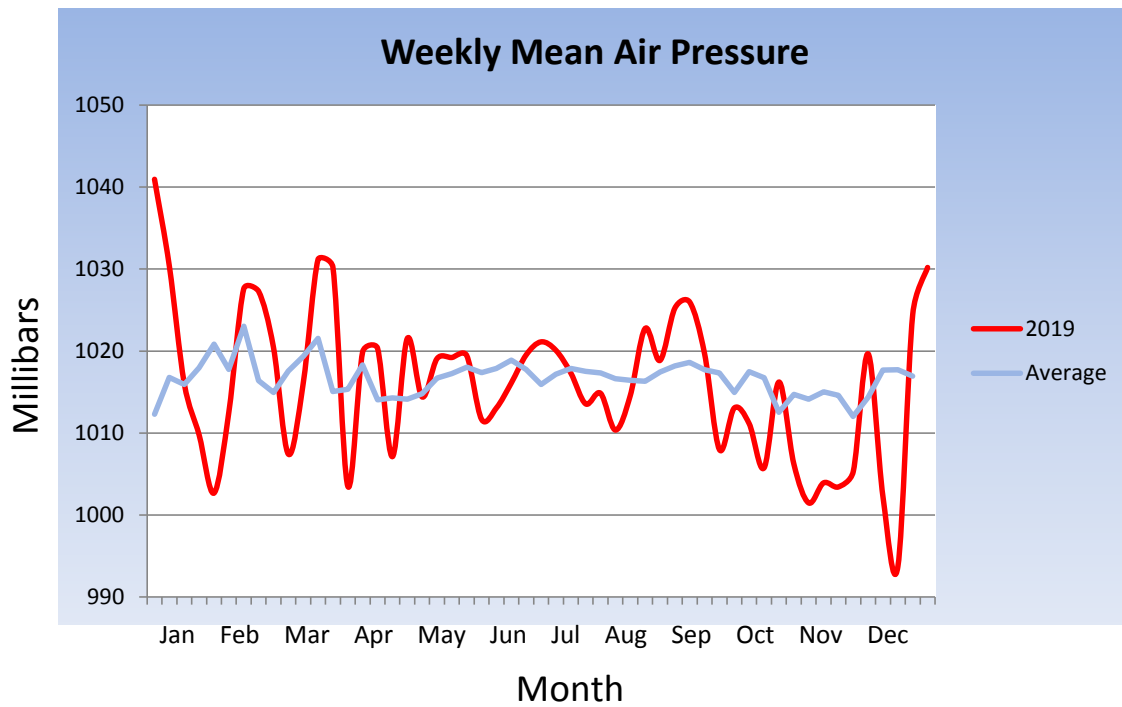
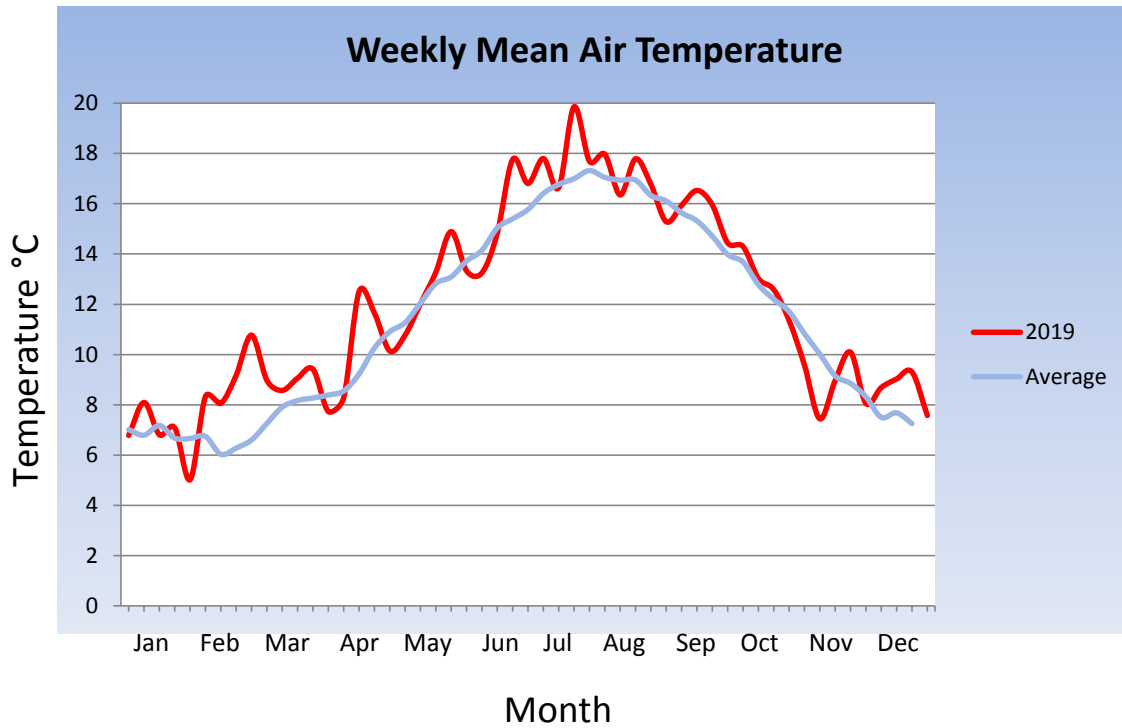
DECEMBER

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
Sun	1	1017.8	8.5	6.9	7.7	5.6	9.7	11.4	050	17	13.7	30	TR	1.3	Rain early am clrng to isol showers. Mostly cloudy			
Mon	2	1032.3	8.3	4.8	6.6	1.3	9.1	11.3	020	04	5.5	20	NIL	7.4	Fine with xlint viz. Ground frost eve			
Tue	3	1030.0	9.7	3.4	6.6	-2.3	8.0	11.2	140	04	4.9	13	NIL	7.6	Fine with very good viz. Ground frost eve			
Wed	4	1019.8	6.1	3.0	4.6	-1.1	7.7	11.1	100	07	4.1	14	NIL	0.9	Mainly cloudy, a few cloud breaks			
Thu	5	1024.1	10.6	4.7	7.7	-1.7	7.7	10.8	220	04	10.5	30	2.1	1.0	Mainly cloudy, xlint vis, little rain eve			
Fri	6	1012.8	11.9	10.1	11.0	7.8	8.7	10.7	230	22	20.0	38	1.9	NIL	Cldy with rain/drz & hill fog clrng to shwrs mid pm			
Sat	7	1017.6	11.3	9.2	10.3	6.3	9.2	10.6	270	07	11.9	29	5.0	1.3	Fair late am, otherwise cloudy with shwrs am			
Sun	8	1009.1	12.2	7.5	9.9	8.1	9.6	10.6	270	19	24.6	58	2.2	1.9	Rain/drz & fog am. Fair prds, shwrs & gales by late eve. Ltng @ 2005			
Mon	9	1013.3	10.8	6.2	8.5	6.2	9.3	10.7	310	24	18.1	50	TR	4.4	Fair with squally showers early am. Lightning @ 0030			
Tue	10	1020.4	12.2	6.0	9.1	-0.6	8.7	10.7	190	18	18.1	36	4.7	NIL	Cldy with rain @ dawn & again evening, hvy later before clrng			
Wed	11	1009.3	9.4	4.8	7.1	3.9	8.9	10.7	260	11	14.8	34	12.2	0.5	Cloudy occ fair with rain/hail showers			
Thu	12	994.3	10.9	5.7	8.3	3.0	8.2	10.6	200	19	20.5	46	10.1	0.5	Rain am bec persistent late am, blustery showers pm			
Fri	13	988.3	11.7	5.9	8.8	4.1	8.5	10.5	300	26	26.3	54	6.2	2.1	Sct rain/hail showers am, clrng fair pm, rain eve. Gales late eve			
Sat	14	996.4	12.1	8.8	10.5	6.6	8.7	10.4	270	24	22.1	45	3.4	3.1	Gale early, fair/cldy with shwrs am, Cldy pm, rain late eve			
Sun	15	999.7	10.5	6.6	8.6	4.7	8.6	10.3	230	20	20.4	40	2.7	2.1	Cloudy with showers am, fair pm			
Mon	16	1001.2	9.8	7.1	8.5	6.0	8.5	10.3	180	08	9.2	23	6.2	NIL	Cloudy with persistent light rain from later afternoon			
Tue	17	1000.0	9.5	5.9	7.7	5.5	8.6	10.2	300	03	6.7	22	1.2	NIL	Cloudy, rain clrng late am, isol shwrs eve with thunder			
Wed	18	1008.1	11.2	7.9	9.6	1.6	8.3	10.2	150	20	18.7	38	4.3	NIL	Cloudy, outbreaks of rain pm			
Thu	19	996.3	11.9	8.6	10.3	8.8	8.9	10.1	140	14	17.1	41	9.2	0.7	Cloudy. Rain am, showers pm			
Fri	20	981.5	10.0	7.6	8.8	6.7	9.1	10.1	240	18	15.0	30	8.8	0.6	Rain then showers am, showers pm			
Sat	21	983.9	10.6	8.3	9.5	6.2	8.9	10.1	210	15	17.5	37	16.6	0.9	Shwrs am. Rain pm, occn violent, clrng to shwrs eve			
Sun	22	990.6	10.8	7.2	9.0	6.1	9.0	10.1	270	22	20.8	48	5.2	3.2	Fair periods and scattered rain/hail showers			
Mon	23	1013.1	10.9	8.1	9.5	6.5	8.9	10.1	270	19	17.6	36	3.5	3.1	Occn shwrs til mid am. Fair pm. Rain eve with mist & low cloud			
Tue	24	1013.9	12.1	8.6	10.4	7.3	9.1	10.1	250	20	20.5	40	0.1	3.6	Light rain & mist early am, then isol light shwrs, blustery			
Wed	25	1025.6	10.5	4.4	7.5	-0.8	8.9	10.1	030	02	8.9	27	2.2	6.3	Fine with high cloud thickening thru evening. Xlint viz			
Thu	26	1016.3	12.0	7.9	10.0	4.8	8.6	10.1	240	21	22.0	38	2.0	0.6	Rain clrng am to isol shwrs. Drizzle & rain pm			
Fri	27	1029.0	11.7	10.7	11.2	10.6	9.4	10.1	280	13	8.4	28	0.2	NIL	Cloudy, patchy fog early, misty with drizzle at times			
Sat	28	1035.9	10.7	7.4	9.1	7.5	9.8	10.1	140	07	8.6	21	TR	NIL	Cloudy with occn drizzle & mist until early pm			
Sun	29	1034.2	8.6	6.7	7.7	5.2	9.3	10.2	160	09	10.8	22	TR(DEW	3.9	Cloudy becoming fine by early afternoon with just thin high cloud			
Mon	30	1031.7	9.9	6.1	8.0	1.6	8.5	10.2	190	07	6.8	15	TR(DEW	7.4	Fine bec cldy & misty with shallow fog eve. Hvy dew late			
Tue	31	1029.4	8.3	6.0	7.2	-0.3	8.1	10.2	150	06	7.0	17	0.5	0.1	Shallow fog & dew early, then cloudy with drz & mist early eve			
MEAN		1012.1	10.5	6.8	8.7	4.4	8.8	10.4	W	13.9	14.6	TOTAL	110.5	64.5				
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	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		22	20	0	3	1	4	0	6	4	0	3	7					
RECORDS FROM JANUARY 1947															RAINFALL	896.9 mm	SUNSHINE	1874.7 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	173	SUNLESS DAYS	44					
DAY/YEAR	4th/2010	YEAR	2016	DAY/YEAR	24th/1963	YEAR	2015	YEAR	2001	WET DAYS	142							
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								

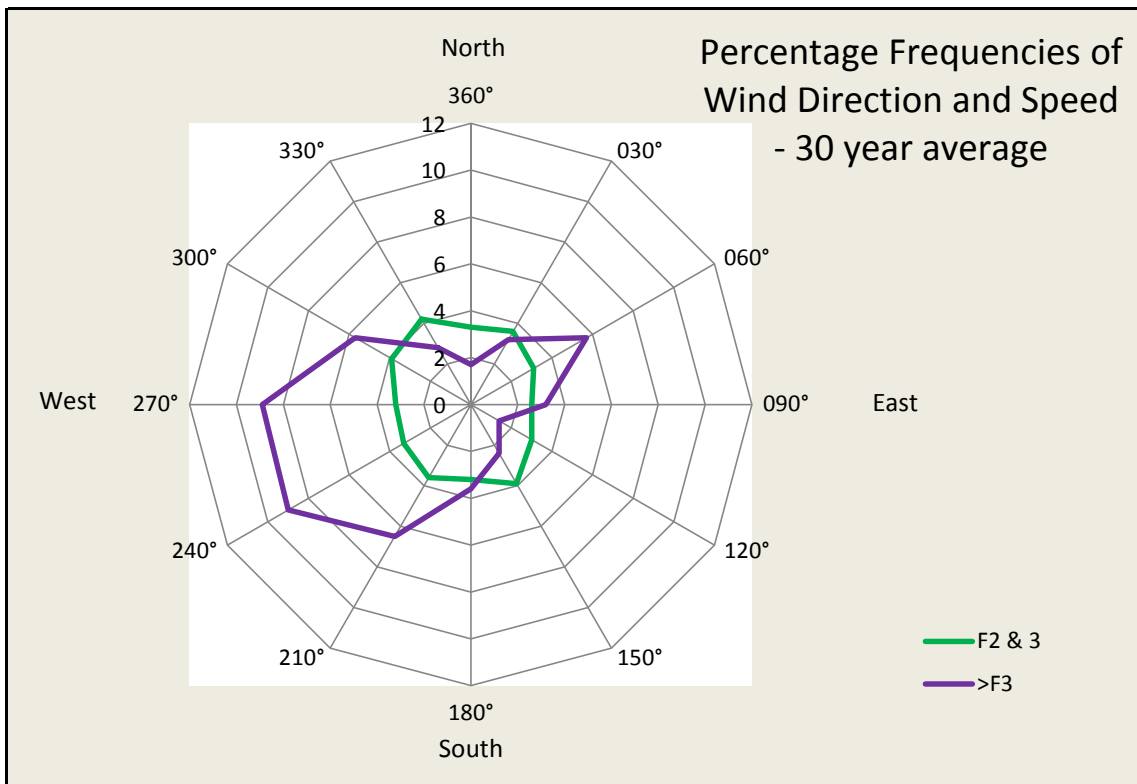
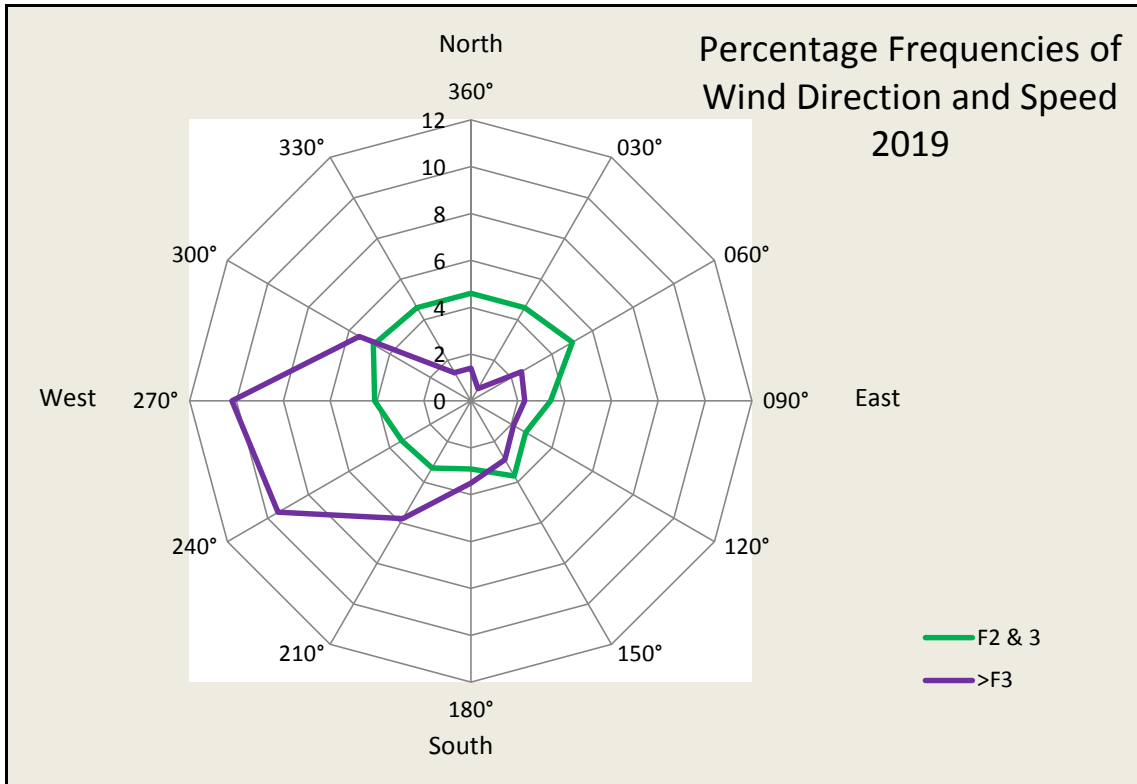
Guernsey Met Office



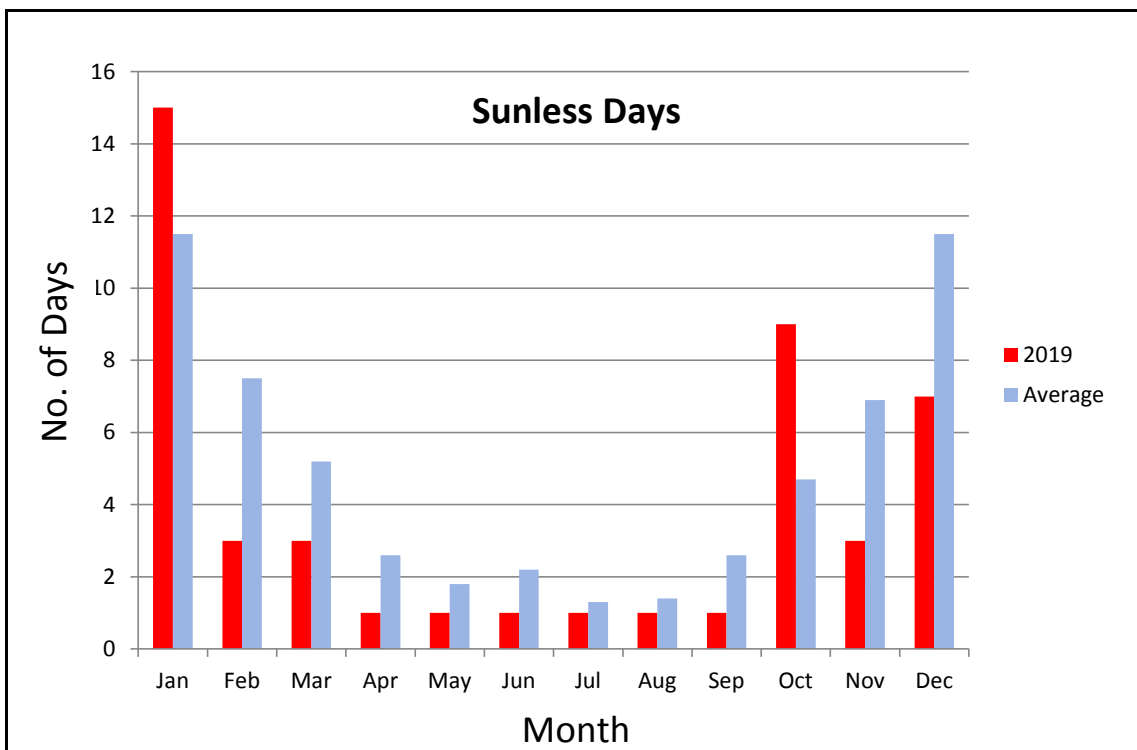
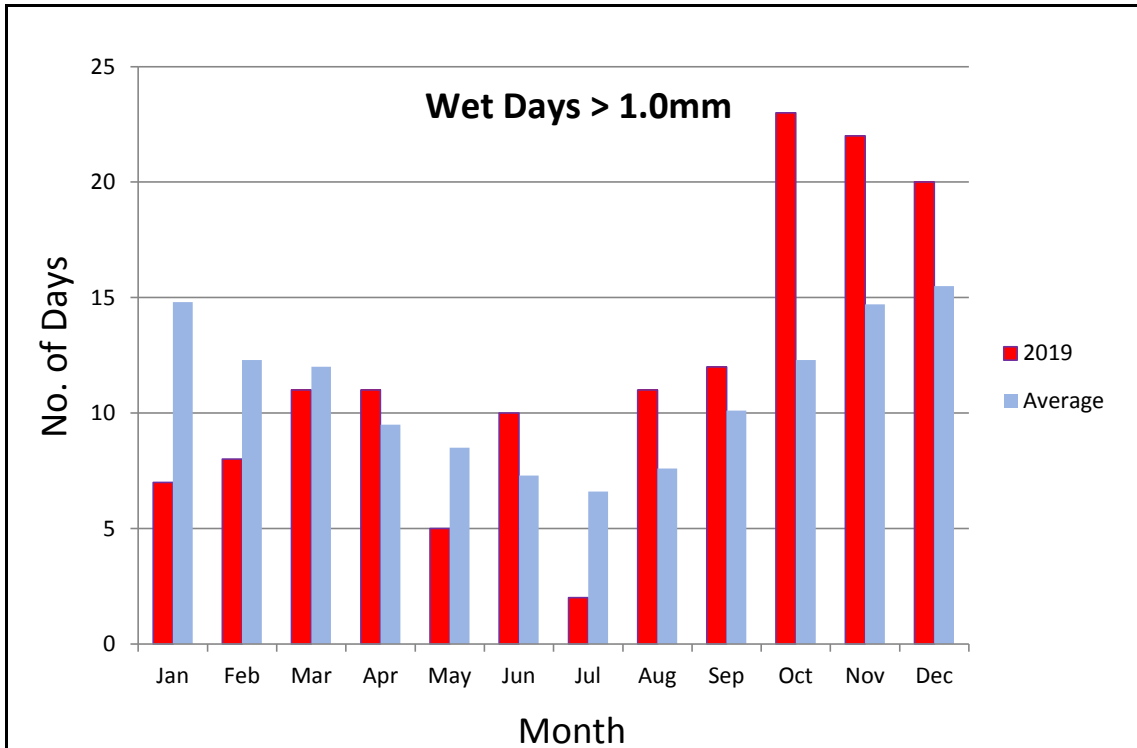
Guernsey Met Office



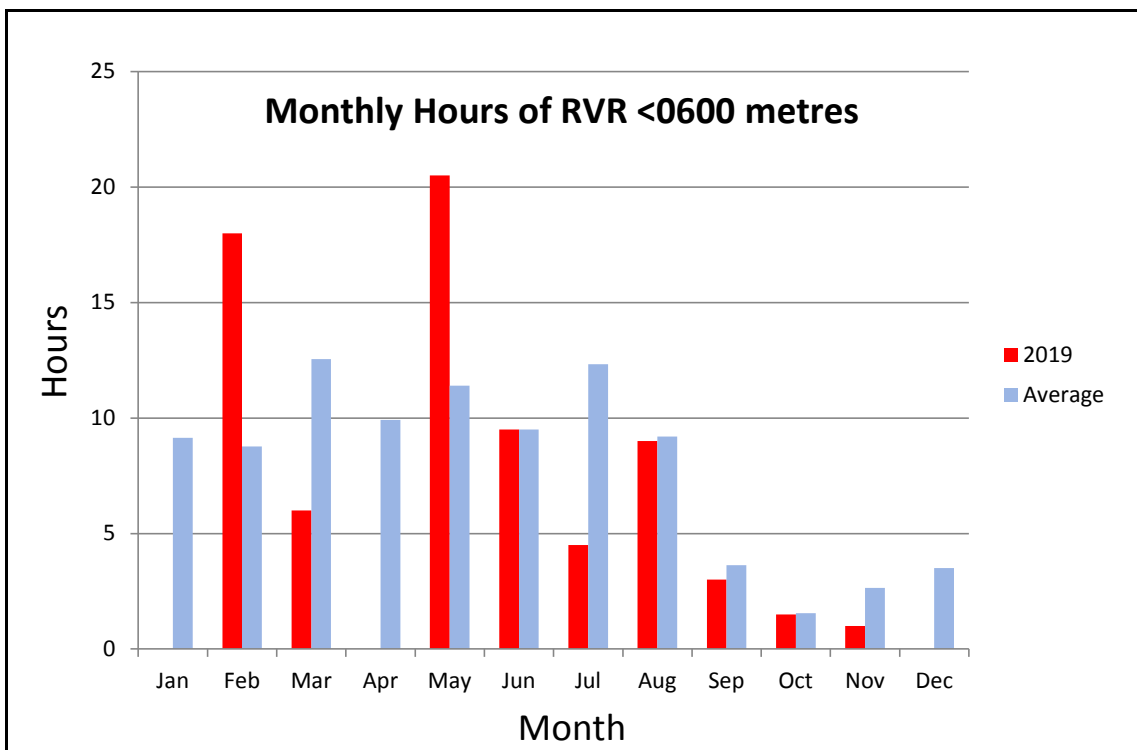
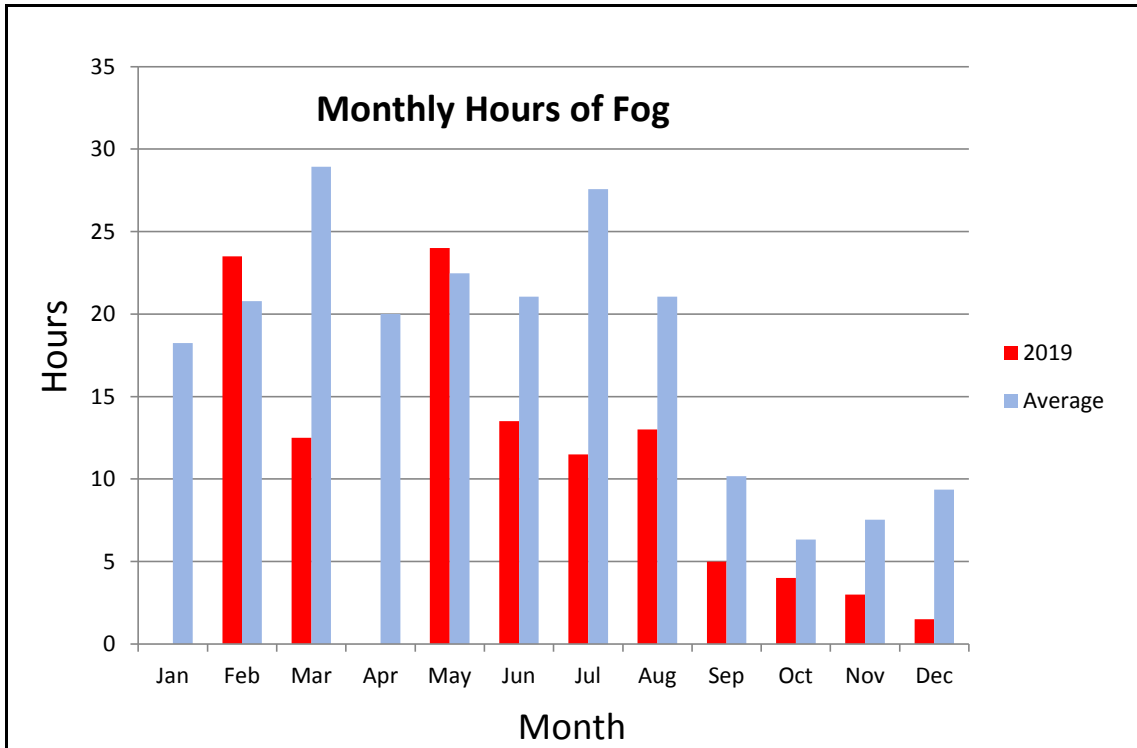
Guernsey Met Office



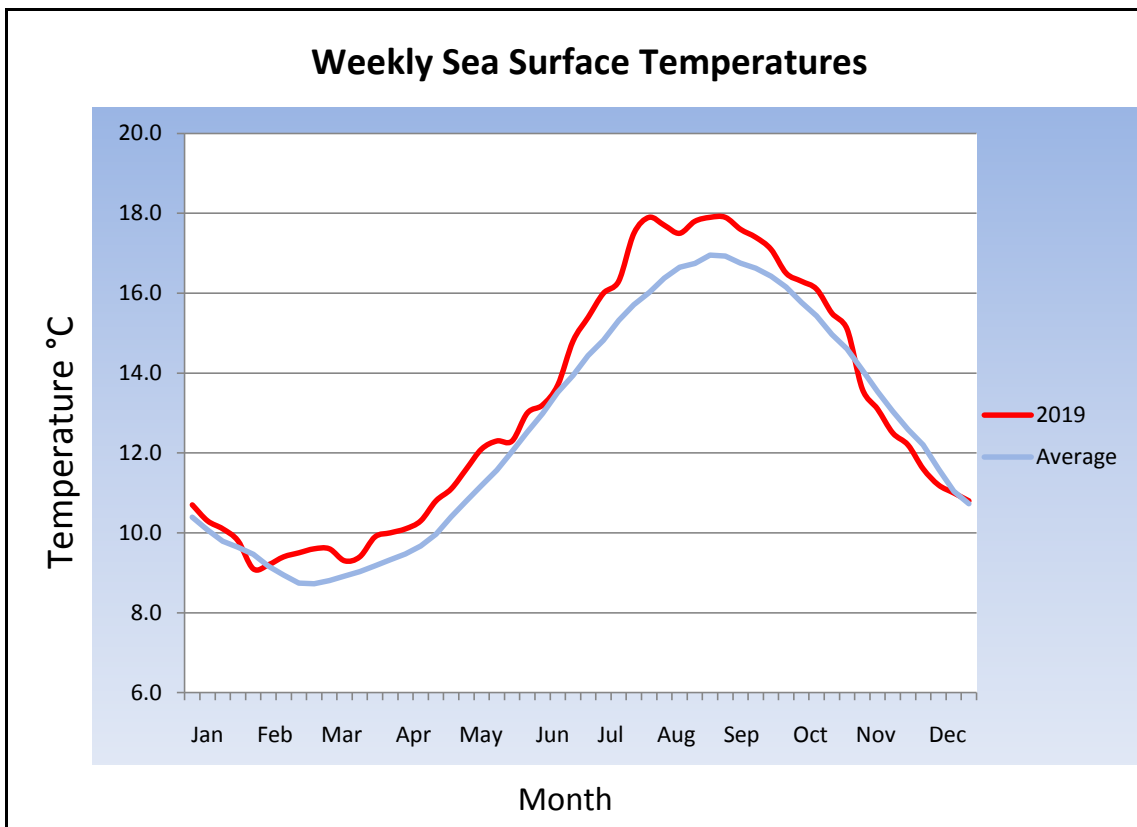
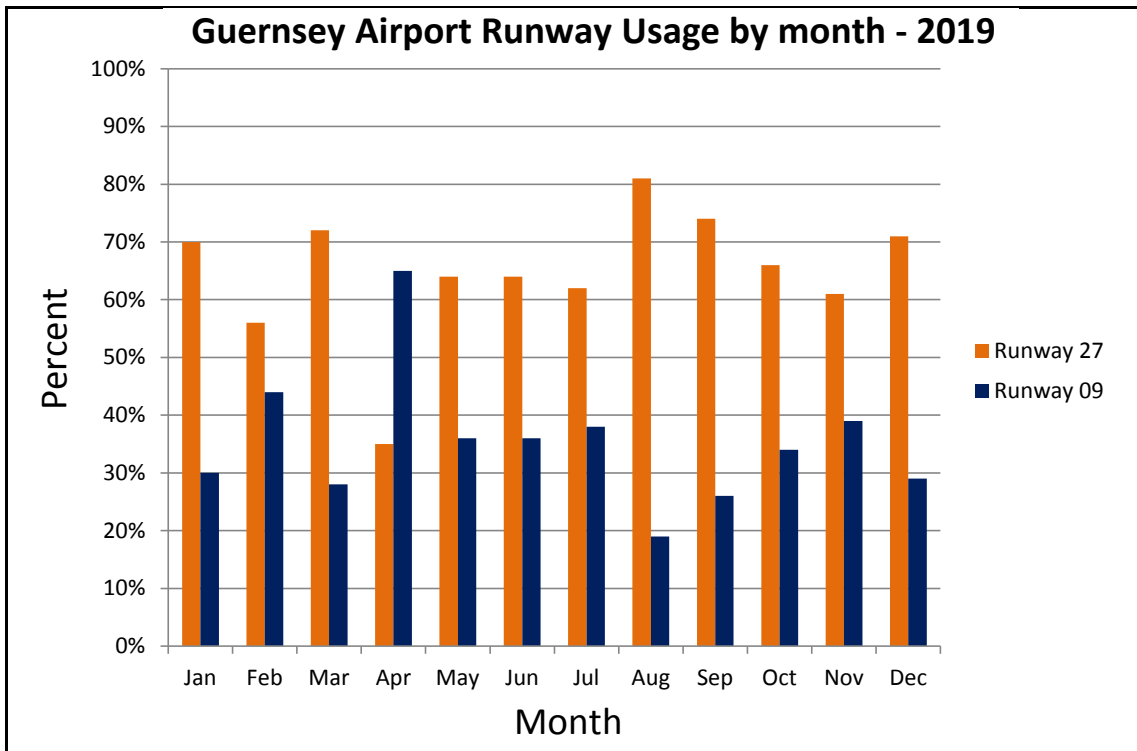
Guernsey Met Office



Guernsey Met Office



Guernsey Met Office



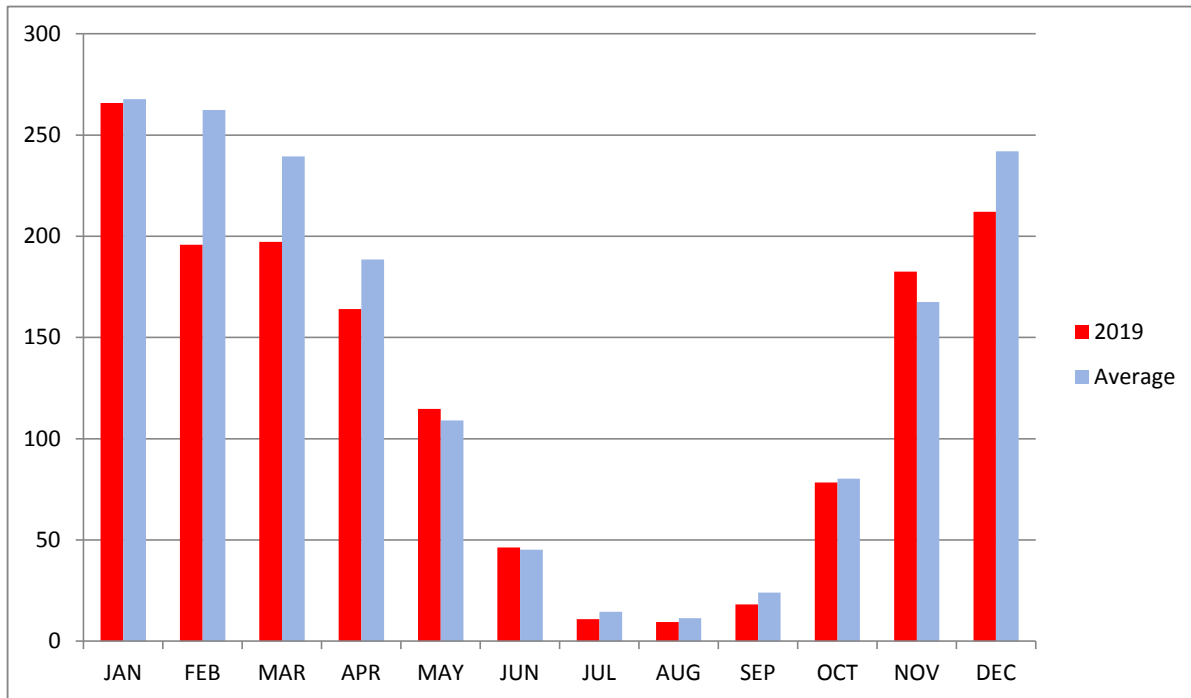
Guernsey Met. Office

Degree Days

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

	2019	Average
JAN	265.8	267.7
FEB	195.8	262.3
MAR	197.3	239.5
APR	164.1	188.6
MAY	114.7	109.1
JUN	46.3	45.1
JUL	10.9	14.5
AUG	9.5	11.4
SEP	18.2	24.0
OCT	78.4	80.2
NOV	182.5	167.5
DEC	212.1	242.0
YEAR	1495.6	1651.9

Accumulated Degree Days



Astronomical events in 2020

as seen from Guernsey

compiled by David Le Conte

A disappointing year for eclipses, but we do have a good Mars opposition to look forward to, as well as a grazing pass of Vesta with a star, and a very close conjunction of Jupiter and Saturn.

PLANETS

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

Date	Elongation	Direction	Time
10 February	18° Eastern	Low in West	After sunset
24 March	28° Western	Low in East	Before sunrise
04 June	24° Eastern	Low in West	After sunset
22 July	20° Western	Low in East	Before sunrise
01 October	26° Eastern	Low in West	After sunset
10 November	19° Western	Low in East	Before sunrise

Venus will start the year as the “Evening Star” low in the south-western sky after sunset, and getting higher in the sky until 24 March when it reaches greatest eastern elongation (46°). It will be at inferior conjunction on 03 June, and will then become the “Morning Star” in the east before sunrise, reaching greatest western elongation (46°) on 13 August. It will remain visible in the morning for the remainder of the year.

At the beginning of the year **Mars** will be visible in the east in the morning before sunrise, and will then rise earlier and earlier, rising at sunset when it is at opposition on 13 October. It will remain a good evening object for the remainder of the year.

This year’s opposition of Mars will be a good one, although not quite as good as that in 2018. It will be 63 million km (39 million miles) away, and have a diameter of 22 arc-seconds. Although Mars oppositions occur every two years, close oppositions of Mars occur with a cycle of 15 to 17 years, and the next good one will not be until 2035, so make the most of this one!

Jupiter will rise in the east just before sunrise in January, but will rise progressively earlier, reaching opposition on 14 July in Sagittarius. It will then remain an evening object for the rest of the year. It will be accompanied by Saturn, the two planets making a very close approach to each other of just 6 arc-minutes on 21 December.

When Jupiter is visible 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 2020 BAA Handbook (pages 69-78). They can be simulated on software such as StarryNight (<http://www.starrynightstore.com/>), and some of the many astronomy apps, some of 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 closely follows Jupiter across the sky throughout the year, and they should make a lovely pair, although never rising higher than about 18 degrees. It reaches opposition on 20 July. The rings are still at a good angle for observation, and its brightest moons, especially Titan, should also be visible.

Uranus will be at opposition in Aries on 31 October, at magnitude 5.7. **Neptune** will be at opposition in Aquarius on 11 September, at magnitude 7.8.

PHASES OF THE MOON

New Moon	First Quarter	Full Moon	Last Quarter
	Jan 03	Jan 10	Jan 17
Jan 24	Feb 02	Feb 09	Feb 15
Feb 23	Mar 02	Mar 09	Mar 16
Mar 24	Apr 01	Apr 08	Apr 14
Apr 23	Apr 30	May 07	May 14
My 22	May 30	Jun 05	Jun 13
Jun 21	Jun 28	Jul 05	Jul 12
Jul 20	Jul 27	Aug 03	Aug 11
Aug 19	Aug 25	Sep 02	Sep 10
Sep 17	Sep 24	Oct 01	Oct 10
Oct 16	Oct 23	Oct 31	Nov 08
Nov 15	Nov 22	Nov 30	Dec 08
Dec 14	Dec 21	Dec 30	

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 2020 there will be four such moons: on 09 February, 09 March, 08 April and 07 May.

DWARF PLANETS AND ASTEROIDS

Pluto will reach opposition on 15 July, in Sagittarius just 1.5 degrees from Jupiter, at magnitude 14.2. **Ceres** will be at opposition on 28 August in Aquarius, with magnitude 7.2. The other three dwarf planets (Eris, Makemake and Haumea) are too faint to be seen in most amateur telescopes.

The brightest asteroid, Vesta, will be visible, but does not reach opposition this year. However, it is predicted to have a close stellar pass on 11 February (see below under Occultations).

ECLIPSES

This is a poor year for eclipses, with just three penumbral lunar eclipses and not solar eclipses visible from Guernsey.

On 10 January the Moon will undergo a penumbral eclipse, all of which will be visible from Guernsey. It starts at 17.05 and ends at 21.14, maximum eclipse will be at 19.10. On 05 June there will be another penumbral lunar eclipse, but only the last hour will be visible, from moonrise at 21.02 until 22.06 BST. And there will be a third penumbral lunar eclipse on 05 July, but again only an hour will be visible, from 04.04 to moonset at 05.07 BST. A fourth such eclipse, on 30 November, will not be visible from here.

An annular solar eclipse on 21 June will not be visible from Guernsey, being seen only from central East Africa and the southern part of Asia, including northern India. A total solar eclipse on 14 December will only be visible from Chile, Argentina, the South Pacific and South Atlantic.

OCCULTATIONS

The brightest (7th magnitude) asteroid Vesta is predicted to occult the 6th magnitude star HIP14439 on 11 February at 21.58 UTC, but from Guernsey it appears that it will be a very close pass (3 arcseconds) to the star at 22.27, as modelled on *StarryNight*. It may well be possible to see movement of the asteroid as it passes the star. It will be at an altitude of 24° in the west. Of course, although the two objects will appear close to each other they are at vastly different distances. Vesta will be about 2.5 astronomical units (about 20 light-minutes) away, while the star's distance is over 300 light-years.

LUNAR CONJUNCTIONS

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

01 August	Jupiter	Low in south in evening	2.5°
09 August	Mars	Low in south before sunrise	2.5°
06 September	Mars	Low in south-west before sunrise	0.6°
03 October	Mars	Low in west before sunrise	1.0°

PLANETARY CONJUNCTIONS

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

27 January	Venus and Neptune	South-west after sunset	0.1°
20 March	Mars and Jupiter	Low in south-east before sunrise	0.7°
21 December	Jupiter and Saturn	Very low in south-west after sunset	0.1°

METEORS

The **Quadrantids** will peak on the night of 03/04 January, with about 10 per hour, the Moon at First Quarter will be quite favourable. The **Perseids** will peak on the night of 12/13 August, with some 80 per hour, and with the Moon at Last Quarter will again be quite favourable. The richest annual shower, the **Geminids**, will peak on the night of 13/14 December, and the New Moon will make for very good visibility.

There are, of course, minor meteor showers during the year, and sporadics may be seen at any time. For shower details see the 2020 BAA Handbook, pp99-101.

COMETS

Comet C/2017 T2 PANSTARRS is well-placed for observation as a circumpolar object during the first few months of the year, and may just reach naked-eye visibility (magnitude 6) in May, when it will be at perihelion.

Periodic comet 88P/ Howell is conveniently placed for early morning observation until June. It reaches perihelion in late September, but will then be a southern hemisphere object, although it may be visible as a 9th magnitude object in the early evening low in the south-east..

Detailed comet predictions for 2020 are available on the website of the British Astronomical Association's Comet Section: <http://www.ast.cam.ac.uk/~jds/preds20.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

There has been a dearth of sunspots since the last solar maximum in 2014, which was a not significant one. However, the new solar cycle appears to have started, so we can hopefully see a

progressive increase in sunspots as we head towards the next solar maximum in about five years. There can 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 2020:

Vernal Equinox	20 March	03.49 UTC
Summer Solstice	20 June	22.43 BST
Autumnal Equinox	22 September	14.30 BST
Winter Solstice	21 December	10.02 UTC

SATELLITES

The International Space Station (ISS) is regularly visible from Guernsey, looking like a very bright star crossing our skies from west to east. With the decommissioning of Iridium satellites flashes from them are now quite rare. 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.

ASTRONOMY COURSES

The Astronomy Section's annual six-week "Star Gazing" course at the Observatory will be run from 06 February to 12 March. It is usually over-subscribed, so early enrolment is recommended. This year the Section will be running it itself, rather than through the WEA which it has done for the past 18 years. See our website (www.astronomy.org.gg) and Facebook page (<https://www.facebook.com/AstronomyGuernsey>).

Additional courses may be run during the year, including astrophotography courses.

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 (23 July to 27 August). Details will appear on our website and will be sent to the local media. This year the summer open evenings will start a half-hour early during which there will be a presentation about historical Guernsey astronomers, as part of *Heritage75*.

Further open days for observing the Sun will most likely be held. And there will probably be an open evening in October.

REFERENCES

SkyMap Pro and *Starry Night Pro* software

General: <http://www.seasky.org/astronomy/astronomy-calendar-2020.html>

<http://astropixels.com/ephemeris/astrocal/astrocal2020gmt.html>

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

Equinoxes, etc: <https://www.weather.gov/media/ind/seasons.pdf>

Royal Astronomical Society diary, 2020

The Handbook of the British Astronomical Association, 2020

CALENDAR OF ASTRONOMICAL EVENTS IN 2020

Month	Date	Time	Event
Jan- Jun			Comet 88P/Howell
January	03/04		Quadrantid meteor shower (favourable)
January	05	07.49 UTC	Earth at perihelion (147,091,144 km)
January	10	Evening	Penumbral lunar eclipse
January	27	After sunset	Venus and Neptune conjunction (05.1°)
February	06	19.30 UT	Star gazing course starts at Observatory
February	09	All night	Supermoon
February	10	After sunset	Mercury at greatest eastern elongation
February	11	21.58 UTC	Vesta close to star HIP14439.
March	09	All night	Supermoon
March	12	19.30 UT	Star gazing course – final class
March	20	03.51 UTC	Vernal Equinox
March	20	Before sunrise	Mars and Jupiter conjunction (0.7°)
March	24	Before sunrise	Mercury at greatest western elongation
March	24	Evening	Venus at greatest eastern elongation (46°)
March	29	01.00 UT	BST starts
April	08	All night	Supermoon
May	07	All night	Supermoon
May			Comet C/2017 PANSTARRS at perihelion
June	04	After sunset	Mercury at greatest eastern elongation
June	05	Evening	Penumbral lunar eclipse
June	20	22.45 BST	Summer Solstice
July	04	12.56 BST	Earth at aphelion (152,095,296 km)
July	05	Before sunrise	Penumbral lunar eclipse
July	14	All night	Jupiter at opposition
July	15	All night	Pluto at opposition (magnitude 14.2)
July	20	All night	Saturn at opposition
July	22	Before sunrise	Mercury at greatest western elongation
July	23	Evening	Observatory Open Evenings start
August	01	After sunset	Jupiter conjunction with Moon (2.5°)
August	09	Before sunrise	Mars conjunction with Moon (2.5°)
August	12/13		Perseid meteor shower (favourable)
August	13	Morning	Venus at greatest western elongation (46°)
August	27	Evening	Observatory Open Days end
August	28	All night	Ceres at opposition
September	06	Before sunrise	Mars conjunction with Moon (0.6°)
September	11	All night	Neptune at opposition (magnitude 7.8)
September	22	14.32 BST	Autumnal Equinox
October	01	After sunset	Mercury at greatest eastern elongation
October	03	Before sunrise	Mars conjunction with Moon (1.0°)
October	13	All night	Mars at opposition
October	25	02.00 BST	BST ends
October	31	All night	Uranus at opposition (magnitude 5.7)
November	10	Before sunrise	Mercury at greatest western elongation
December	13/14		Geminid meteor shower (favourable)
December	21	After sunset	Jupiter and Saturn conjunction (0.1°)
December	21	10.04 UT	Winter Solstice

GUERNSEY AIRPORT SUNRISE/SUNSET TIMES 2020

2020 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

20	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		20												
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	DY												
1	W	0806	1621	S	0743	1705	S	0652	1754	W	0547	1842	F	0448	1928	M	0409	2009	W	0408	2020	S	0442	1950	T	0527	1853	T	0611	1748	S	0659	1648	T	0745	1614	1
2	T	0806	1622	S	0742	1707	M	0650	1755	T	0545	1844	S	0446	1930	T	0408	2010	T	0409	2020	S	0444	1949	W	0528	1851	F	0612	1746	M	0701	1646	W	0746	1613	2
3	F	0806	1623	M	0740	1709	T	0648	1757	F	0543	1845	S	0444	1931	W	0407	2010	F	0410	2019	M	0445	1947	T	0530	1849	S	0614	1744	T	0702	1645	T	0748	1613	3
4	S	0806	1624	T	0739	1710	W	0646	1759	S	0540	1847	M	0443	1933	T	0407	2011	S	0411	2019	T	0446	1946	F	0531	1846	S	0615	1742	W	0704	1643	F	0749	1612	4
5	S	0806	1626	W	0737	1712	T	0644	1800	S	0538	1849	T	0441	1934	F	0406	2012	S	0411	2018	W	0448	1944	S	0533	1844	M	0617	1740	T	0706	1642	S	0750	1612	5
6	M	0806	1627	T	0736	1714	F	0642	1802	M	0536	1850	W	0439	1935	S	0406	2013	M	0412	2018	T	0449	1942	S	0534	1842	T	0618	1738	F	0707	1640	S	0751	1612	6
7	T	0805	1628	F	0734	1715	S	0640	1803	T	0534	1852	T	0438	1937	S	0405	2014	T	0413	2017	F	0451	1941	M	0535	1840	W	0620	1736	S	0709	1639	M	0752	1611	7
8	W	0805	1629	S	0733	1717	S	0638	1805	W	0532	1853	F	0436	1938	M	0405	2015	W	0414	2017	S	0452	1939	T	0537	1838	T	0621	1734	S	0711	1637	T	0753	1611	8
9	T	0805	1630	S	0731	1719	M	0636	1807	T	0530	1855	S	0435	1940	T	0405	2015	T	0415	2016	S	0453	1937	W	0538	1836	F	0623	1731	M	0712	1636	W	0754	1611	9
10	F	0804	1632	M	0729	1721	T	0634	1808	F	0528	1856	S	0433	1941	W	0404	2016	F	0416	2015	M	0455	1935	T	0540	1834	S	0624	1729	T	0714	1634	T	0755	1611	10
11	S	0804	1633	T	0728	1722	W	0632	1810	S	0526	1858	M	0432	1943	T	0404	2017	S	0417	2015	T	0456	1934	F	0541	1831	S	0626	1727	W	0715	1633	F	0756	1611	11
12	S	0803	1634	W	0726	1724	T	0629	1811	S	0524	1859	T	0430	1944	F	0404	2017	S	0418	2014	W	0458	1932	S	0543	1829	M	0627	1725	T	0717	1632	S	0757	1611	12
13	M	0802	1636	T	0724	1726	F	0627	1813	M	0522	1901	W	0429	1945	S	0404	2018	M	0419	2013	T	0459	1930	S	0544	1827	T	0629	1723	F	0719	1630	S	0758	1611	13
14	T	0802	1637	F	0723	1727	S	0625	1815	T	0520	1902	T	0427	1947	S	0404	2018	T	0420	2012	F	0501	1928	M	0546	1825	W	0630	1721	S	0720	1629	M	0759	1611	14
15	W	0801	1638	S	0721	1729	S	0623	1816	W	0518	1904	F	0426	1948	M	0403	2019	W	0421	2011	S	0502	1926	T	0547	1823	T	0632	1719	S	0722	1628	T	0800	1611	15
16	T	0800	1640	S	0719	1731	M	0621	1818	T	0516	1905	S	0425	1950	T	0403	2019	T	0422	2010	S	0504	1925	W	0549	1821	F	0634	1717	M	0723	1627	W	0801	1612	16
17	F	0800	1641	M	0717	1732	T	0619	1819	F	0514	1907	S	0423	1951	W	0403	2019	F	0423	2009	M	0505	1923	T	0550	1818	S	0635	1715	T	0725	1625	T	0801	1612	17
18	S	0759	1643	T	0715	1734	W	0617	1821	S	0512	1908	M	0422	1952	T	0404	2020	S	0424	2008	T	0506	1921	F	0551	1816	S	0637	1713	W	0727	1624	F	0802	1612	18
19	S	0758	1644	W	0714	1736	T	0615	1822	S	0510	1910	T	0421	1954	F	0404	2020	S	0425	2007	W	0508	1919	S	0553	1814	M	0638	1711	T	0728	1623	S	0803	1613	19
20	M	0757	1646	T	0712	1737	F	0612	1824	M	0508	1911	W	0420	1955	S	0404	2020	M	0427	2006	T	0509	1917	S	0554	1812	T	0640	1710	F	0730	1622	S	0803	1613	20
21	T	0756	1647	F	0710	1739	S	0610	1825	T	0506	1913	T	0419	1956	S	0404	2021	T	0428	2005	F	0511	1915	M	0556	1810	W	0641	1708	S	0731	1621	M	0804	1614	21
22	W	0755	1649	S	0708	1741	S	0608	1827	W	0504	1914	F	0418	1957	M	0404	2021	W	0429	2004	S	0512	1913	T	0557	1808	T	0643	1706	S	0733	1620	T	0804	1614	22
23	T	0754	1651	S	0706	1742	M	0606	1829	T	0502	1916	S	0416	1959	T	0405	2021	T	0430	2003	S	0514	1911	W	0559	1805	F	0645	1704	M	0734	1619	W	0805	1615	23
24	F	0753	1652	M	0704	1744	T	0604	1830	F	0500	1918	S	0415	2000	W	0405	2021	F	0432	2001	M	0515	1909	T	0600	1803	S	0646	1702	T	0736	1618	T	0805	1615	24
25	S	0752	1654	T	0702	1746	W	0602	1832	S	0459	1919	M	0414	2001	T	0405	2021	S	0433	2000	T	0517	1907	F	0602	1801	S	0648	1700	W	0737	1618	F	0805	1616	25
26	S	0751	1655	W	0700	1747	T	0600	1833	S	0457	1921	T	0414	2002	F	0406	2021	S	0434	1959	W	0518	1905	S	0603	1759	M	0650	1658	T	0738	1617	S	0806	1617	26
27	M	0749	1657	T	0658	1749	F	0557	1835	M	0455	1922	W	0413	2003	S	0406	2021	M	0435	1957	T	0520	1903	S	0605	1757	T	0651	1657	F	0740	1616	S	0806	1617	27
28	T	0748	1659	F	0656	1751	S	0555	1836	T	0453	1924	T	0412	2004	S	0407	2021	T	0437	1956	F	0521	1901	M	0606	1755	W	0653	1655	S	0741	1615	M	0806	1618	28
29	W	0747	1700	S	0654	1752	S	0553	1838	W	0451	1925	F	0411	2005	M	0407	2020	W	0438	1955	S	0522	1859	T	0608	1753	T	0654	1653	S	0743	1615	T	0806	1619	29
30	T	0746	1702				M	0551	1839	T	0450	1927	S	0410	2007	T	0408	2020	T	0440	1953	S	0524	1857	W	0609	1750	F	0656	1651	M	0744	1614	W	0806	1620	30
31	F	0744	1704				T	0549	1841				S	0409	2008				F	0441	1952	M	0525	1855				S	0658	1650				T	0806	1621	31

Additional Information:

St Peter Port Tides 2020:

<http://www.harbours.gg/CHttpHandler.ashx?id=120843&p=0>

<https://www.gov.gg/tides>

Ormering Tides 2020:

<https://www.thebestof.co.uk/local/guernsey/events/feature/ormering-tides/>

Lihou Causeway Times 2020:

<https://www.gov.gg/lihou>