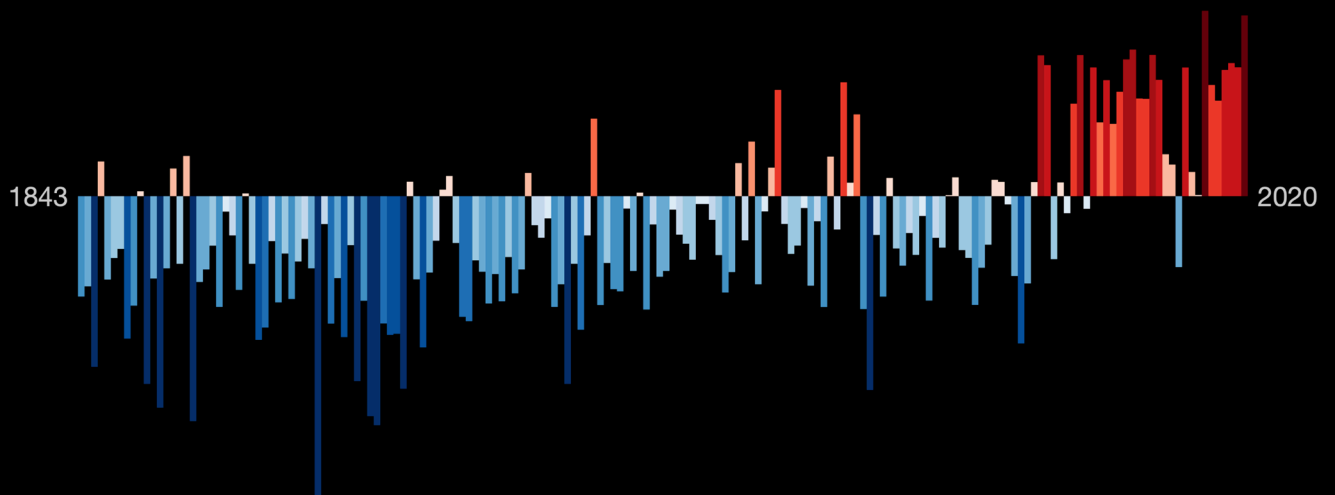


Guernsey Met Office

2021 Annual Weather Report

Including data from Lihou Island and Sark

Temperature change in Guernsey



The 2021 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

On behalf of

Guernsey Ports

Front cover photo:

Temperature change graphic created by Professor Ed Hawkins MBE, University of Reading. Further information is available on the #ShowYourStripes website, where the graphics for Guernsey will shortly be available to download.

<https://showyourstripes.info/>

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2021 – Senior Met Officer's Foreword

2021 sees the start of the new 30-year averages (1991-2020). Interestingly, and in line with much of the world, our mean air temperature shows a warming trend. The new 30-year average (1991-2020) mean temperature is now 11.7°C as against the previous average (1981-2010) of 11.4°C. Ironically 2021 saw the mean temperature bang on the new average.

Further afield 2021 will be remembered for a record-breaking temperature of nearly 50°C in Canada, comparable to the values reported in the hot Saharan Desert of Algeria, exceptional rainfall, and deadly flooding in Asia and Europe as well as drought in parts of Africa and South America. It was not only heat but cold as Storm Filomena brought record snowfall to Madrid and Texas saw temperatures as low as -19°C in the 'Valentine Storm'. Climate change impacts and weather-related hazards, Storm Christophe in the UK, Cyclone Ana in Fiji and Hurricane IDA in the Gulf of Mexico, to name but a few had life-changing and devastating impacts on communities on every single continent.

According to the World Meteorological Organisation and despite the 2020-2022 La Niña events, 2021 was still one of the seven warmest years on record. The warmest seven years have all been since 2015, with 2016, 2019 and 2020 constituting the top three. An exceptionally strong El Niño event occurred in 2016, which contributed to record global average warming.

2021 also saw the United Nations Climate Change Conference, more commonly referred to as COP26 which saw a deal to reduce the use of coal and encouraged more urgent cuts to greenhouse gas emissions as well as to provide more climate finance for developing countries.

On the theme of global warming, during the past 12 months Adam Heaume, one of our Senior Observers, has worked closely with Professor Ed Hawkins MBE to produce the climate stripes for Guernsey going back to 1843;

I will leave Adam to explain:

Every day of the year, hundreds of individual data points are recorded at Guernsey Airport that contribute to the production of both short- and medium-term weather forecasts for Guernsey, the Channel Islands and British Isles. This accumulation of data has contributed to near unbroken records of meteorological observations stretching back to 1842.

In isolation, statistics including temperature, sunshine and rainfall will give us a general sense of the weather conditions on a particular day of the year. However, to get an idea of how, if at all, climatic conditions are changing then we need to look over a longer time period then, say, a month or even a year.

Across the planet, there are increasing reports of extreme weather events being attributed to climate change, be it record temperatures (high and low), heavy rainfall (sometimes unseasonal) or wildfires to name a few. In the UK in 2021, Storm Christoph brought 100mm of rain to some areas NW England in just a few days, one of the wettest 3-day periods on record. March and April of the same year saw unseasonal warmth followed by record cold temperatures – only the 3rd time a

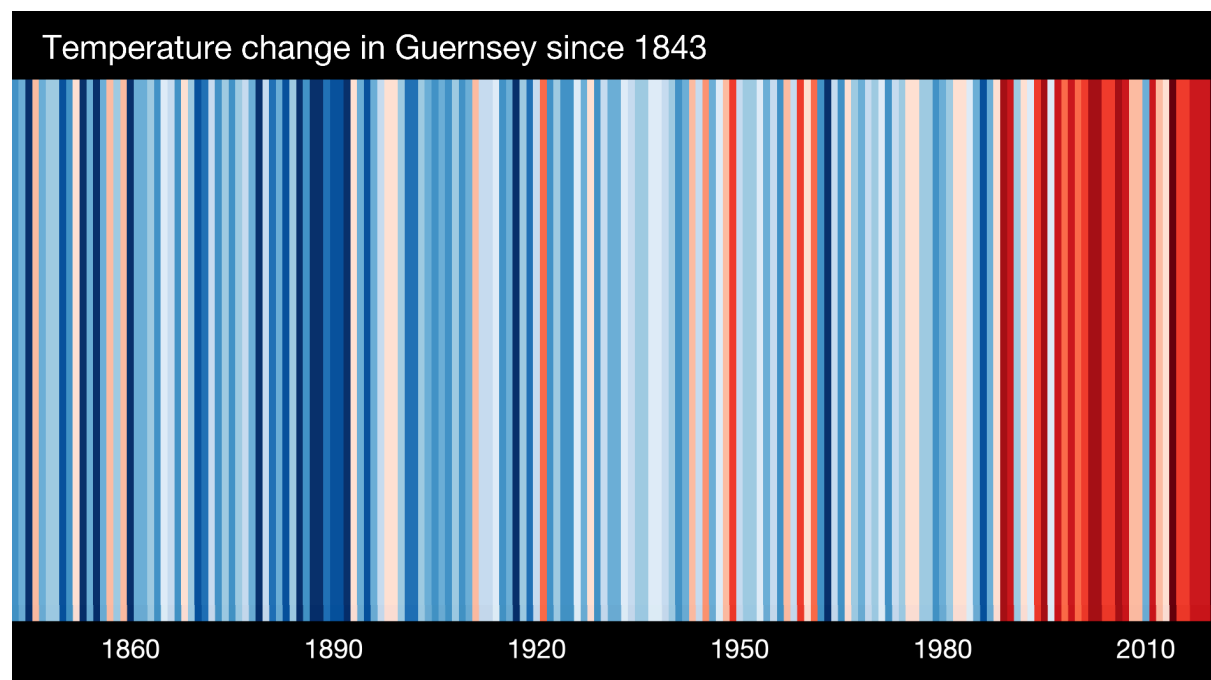
temperature exceeding 24°C has been recorded in the UK in March then in the space of a week a 15°C fall in temperatures with some locations recording lowest April temperatures for 40 years. An unusual summer storm, Storm Evert, hit south-west England at the end of July 2021 with gales reported along the south coast and briefly affecting Guernsey.

On a local scale, the impacts of climate change are not always so obvious. At a simplistic level, the geography of our island, situated in the English Channel, means we are seemingly less susceptible to some of the temperature extremes seen in the UK. Likewise, a lack of a major watercourse means significant rainfalls cause only shorter-term flooding issues – the sea is a more often cause of flooding locally.

Climate scientists are continually finding ways of communicating the impacts of climate change at both local and global levels. One such prominent scientist, Professor Ed Hawkins MBE, has produced a visual representation of temperature change over 100+ years for specific locations, popularly known as “warming stripes”. These graphics provide an instant and easy to interpret record of annual temperature rise, year on year.

Using annual temperature records for Guernsey going back to 1843, Warming Stripes graphics have been produced. The individual stripes represent each year going back to 1843 and the colours illustrate how much cooler (blue) or warmer (red) the annual average temperature was when compared to the 30-year average (1971-2000).

The graphic below shows significant warming in Guernsey since the 1990s. In fact, of the 30 warmest years on record, 20 of them have occurred since 1994 with the two warmest years being 2014 and 2020.



Warming stripes graphic created by Professor Ed Hawkins MBE, University of Reading. Further information is available on the #ShowYourStripes website, where the graphics for Guernsey will shortly be available to download - <https://showyourstripes.info/>

Finally, my thanks to Chris Archard and Laura Johns for their help in producing and publishing this report and to all the team for their endeavours throughout 2021 as we continue to play our small part in the global observing network and await to see how our local weather reacts to the pressures put upon it in the coming years.

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

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Weather Headlines for 2021

- **2021** - The year itself was exactly on the average with a mean temperature of 11.7°C and it was slightly drier than average with only 89.9% of the average rainfall with January's 188.4mm making up nearly a quarter of that total. Sunshine was marginally above average with a record breaking total of 285.4 hours in April being the sunniest month. July 21st saw the highest air temperature of the year at 28.1°C and 11th February recording the lowest minimum temperature at -1.9°C. The wettest day of the year was October 2nd with 25.1mm. An unusually warm September (8th warmest since records began in 1843) recorded a mean monthly temperature of 17.0°C, making it the 2nd warmest month of the year after July with 17.1°C.
- **January** - With a rollercoaster of temperatures through the month, incidences of fog, hail, ground frosts and snow/sleet were all much higher than average. The mean temperature for the month though, ended up 0.5°C below the new 30 year average for January. However, the month will probably be best remembered for yet more rain; just over twice the average for January at 188.4mm. This month also ended up as the 3rd wettest January at the airport, after 2001 & 1988 and the 5th wettest January since our records began in 1843. 10 sunless days through January made for a gloomy month at just 55.1 hours total sunshine.
- **February** - The statistics show February to have been a pretty average month, but after a mild first week, temperatures fell sharply and not reaching double figures again until the start of the 3rd week where they remained just above average for the rest of the month. A dull and wet start to February gave way to a brighter, drier end to the month, with those last 3 days providing some 30% of the month's sunshine total. Overall we ended up with temperatures very close to the new long term average; drier and also slightly sunnier. Despite recording the equal lowest (with 1998) maximum gust for February at the airport (35.4kts on the 9th), the mean wind speed was only 0.1kts short of the average.
- **Winter 2020/21** - A mild & wet December, a cold & wet January and a reasonably average but slightly dry February, lead to the 5th wettest winter at the airport and 8th wettest on record going back to 1843. Sunshine and temperatures ended up very close to the average, but rather strangely we noted the most amount of days with snow reported (13) since 2010, despite an almost total absence of the white stuff on the ground.
- **March** - With high pressure more dominant than usual, March ended up drier, warmer and with more sunshine than average this year, with a record high temperature of 19.6°C reached on the 30th with a warm continental feed towards the end of the month. Otherwise overnight temperatures turned out to be lower than average as a result of largely clear skies, with the highest number of March ground frosts noted for 5 years. Rather conversely the night minimum of the 29th/30th was the highest recorded at the airport since 1947 and it was also the driest March, with the lowest number of rain days, for 9 years. Rainfall was just over 40% of the average expected.
- **April** - With a mostly anticyclonic dominated month, this April ended up being the coldest since 2013 and the sunniest since sunshine records began back in 1894. With a notable absence of Atlantic influenced weather it ended up the 9th driest April since 1843, 5th driest at the airport and driest since 2011. The period 11th to the 30th received 0.1mm of rain or

less daily with a drought declared on the 26th. Cool, clear nights led to the lowest average daily minimum temperature since 1986, the 2nd equal lowest recorded at the airport. Those same cool nights allowed ground temperatures to fall below freezing on 10 occasions through the month, a record equalling figure for April and incidentally the same number of ground frosts as recorded for the whole of 2020. We also recorded no days with any fog this month, a record equal with 2012. It was also interesting to note that the mean monthly temperature for April was actually lower than that of March, due to the much lower minimum temperatures recorded through the month.

- **May** - May ended up 1.0°C cooler than the long term mean; duller, wetter and also windier than average as Atlantic low pressure provided the main influence on the UK weather. Coolest May for 8 years. Lowest Day Max Temp on the 13th (9.9°C) for 9 years. Equal highest amount of ground frosts (4) since 1982. Lowest Mean Monthly Pressure since 1988. Windiest May since 2007. Lowest temperature recorded on the 1st, highest on the 31st. Wettest May for 7 years. Equal highest amount of Rain Days (18 also in 2007) since 1986. Slightly down on average despite a bright end to the month. Only 2 days with fog reported at the airport, equal lowest with 1988 & 2002.
- **Spring** - Cooler, drier and sunnier than average. March was warmer than average but April & May were cooler. March & April substantially drier and May slightly wetter than average. April nearly 50% sunnier than average, March slightly above and May slightly below average.
- **June** - Very much a month of two halves, the first 15 days produced little rain, light winds and plenty of sunshine but the 2nd half of the month was a lot less settled with cooler temperatures, less sunshine and the bulk of the month's rainfall. Overall wetter and duller than average and though drier than the last 2 Junes, still wetter than the long term average. The month's mean temperature was slightly above average and we noted 14 days with fog recorded, the highest such number for any month so far this year. At 7.1kts, lowest mean wind speed for June since 1949.
- **July** - Duller, wetter and slightly warmer than the long term average, July was probably rescued by that warm, dry and sunny 10 day spell mid month following a cool unsettled first 12 days. Despite a gust of 46 knots on the 6th and Storm 'Evert' on the 30th we ended up with a lower mean monthly wind speed than average. The 11th & 23rd saw some feisty late afternoon thunderstorms and there was an above average 13 days when fog was noted. Sea Level Pressure on the 6th at 993.4mb was the lowest July reading for 20 years.
- **August** - The average rainfall total for August is 56.6mm but with only 27.0mm of rainfall for the month, and nearly half of that total falling on the 13th, it was the driest August for 12 years. Maximum daytime temperatures only surpassed 20°C twice in the month leading to the mean maximum for August to fall 1.0°C short of the average, but with night minimum mean only 0.3°C down on the average, we ended up only 0.6°C lower than average for the monthly mean. A cool month then, and dull too with only just over 200 hours of sunshine but perhaps not feeling too bad with that lack of rainfall.
- **Summer** - With a mean temperature of 16.2°C the summer was pretty much the same as the 30 year average despite being the coolest for 6 years. June and July were slightly warmer and wetter than average, with August being cooler and drier than the long term average. All three months were dull though, leading to the lowest summer sunshine total since 2012. The 3rd week in July was arguably the most pleasant with plenty of sunshine, no rainfall and temperatures peaking at 28.1°C on the 21st.

- **September** - With more than three weeks of the month with above average temperatures, September ended up with a mean temperature 1.3°C warmer than average making it warmer than August this year and only 0.1°C cooler than July. It was the 8th warmest September on record but only the warmest since 2014. The 7th reached 27.5°C, the 3rd highest temperature of the year. Rainfall was slightly below average despite the 13th recording 16.6mm of rain, the wettest day since 22nd January this year. Sunshine was slightly above average with no sunless days noted, the first time for this month in 5 years. It was also interesting to note that we reached or exceeded 20°C on 11 occasions this month, whereas July and August combined recorded only 10 days equal or higher than 20°C.
- **October** - With the first 3 weeks of the month seeing above average temperatures and only the last 10 days or so with a more mixed bag of more seasonal values, the mean temperature for October was some 0.7°C above average making it the warmest October for 7 years and the 18th warmest since records began in 1843. Although we noted slightly more rainfall than average, this October was drier than both 2020 & 2019 and the 25.1mm recorded on the 2nd was the wettest day of the year to date. After 2018, this was the sunniest October since 1994 and the 9th sunniest since 1894. We recorded 2 days with gales and the gust of 61 knots on the 20th was the highest so far this year and the highest October gust for 8 years and the 2nd highest since 1987.
- **November** - With only 38% of the average rainfall, this November became the 10th driest on record (since 1843) and the driest since 2011. It was, however, slightly duller than usual and marginally cooler than the long term average with more winds recorded from a northerly direction. Despite Storm 'Arwen' on the 27th we noted the lowest mean wind speed for November since records started at the airport in 1947. We also recorded just one day with any fog.
- **Autumn** - Drier, warmer and sunnier than average and with a mean temperature of 13.6°C, the 10th warmest on record. A very dry November and dry September offset a slightly wetter than average October to provide us with the driest autumn for 6 years and although sunshine was above average we have had sunnier autumns in recent years.
- **December** - December was a very mixed month of weather with a cool, dry spell of 5 days from the 18th, a very mild final week, 7 days with hail noted, 2 days with lightning observed and a thunderstorm on the 8th. The grass minimum temperature on the 3rd was the lowest for December for 5 years. Four consecutive sunless days from 22nd to 25th (inc) was the first time since October 2019. Highest maximum temperatures recorded for those last 3 days of the month. Storm 'Barra' on the 7th. Overall the month was warmer, drier but duller than average.

January

The cool snap that closed out 2020 rolled in to the new year as a cold pool of low pressure just off St Nazaire in northern Biscay drew cold Polar air down across the UK and in to the Channel. A scattering of heavy hail showers early on the 1st lead to some residual icy surfaces across the Bailiwick that morning, but these mostly cleared by noon. Further showers of rain & hail in association with a weak occluded front lying along the south coast of the UK arrived that evening, clearing by the morning of the 2nd.

High pressure out in the near Atlantic was encouraging this northerly flow across the country, whilst that low pressure in Biscay remained quasi-stationary. Generally fair conditions prevailed over the next couple of days, with scattered rain & hail showers, occasionally with sleet. By the 4th that Atlantic high had toppled eastward across the UK to be centred over Norway, with a more pronounced easterly flow being established down the Channel. A band of heavy and persistent rain that afternoon continued overnight before clearing to scattered rain & hail showers on the 5th.

The cool, showery flow continued over the next few days as high pressure re-established itself out to the west of the British Isles, with a slack gradient now covering much of France and Central Europe. Locally our winds fell light, and with clearing skies overnight we recorded grass temperatures down to -4.9°C by dawn on the 8th. A band of slow moving showers that morning saw some snow mixed in with the rain, as air temperatures fell away to just 1.8°C for a time.

The weekend of the 9th & 10th saw a nose of high pressure edge into the southwest counties, flattening out any remaining showers and delivering just a hint of warmer temperatures to come. However, clear skies overnight did lead to 4 consecutive sharp ground frosts from the 7th. As our winds backed in to the west by the morning of the 11th, so air temperatures slowly increased as a more Atlantic flow developed across the UK. Low pressure was by now starting to track across northern parts of Scotland, displacing that high, with associated fronts bringing periods of rain to many parts of the country. Outbreaks of rain and drizzle through the morning of the 12th lead to some patchy mist and hill fog later in the day as air temperatures reached double figures for the first time this year.

Unsettled, damp and misty conditions prevailed for the next few days as we remained in a broad swathe of mild Atlantic air, but the clearing cold front went through around noon on the 14th allowing a brief glimpse of sunshine that afternoon. Ridge conditions briefly kept things quiet for a couple of days, but with the next low pressure deepening out in the North Atlantic, further rain with strong southerly winds arrived by dawn on the 16th. The associated cold front cleared through fairly smartly by afternoon, with another ridge building in behind.

This rollercoaster of systems continued into the 18th as the next low swung in from the west, with rain turning to drizzle that afternoon, and patchy hill fog overnight in to the 19th. This unsettled run gave us mostly cloudy conditions, with outbreaks of rain and drizzle and fresh to strong southwesterly winds through until late evening on the 20th. Storm '*Christoph*' was the system responsible for this particular run of poor weather across the country, bringing strong winds and high rainfall amounts to many central and northern parts of the UK. The clearing cold front late on the 20th introduced a much cooler, showery airflow to our shores; indeed the passage of that front gave us our highest recorded gust of the month at 56 knots (64mph), just after 9pm that evening.

A further low raced in across northern France following this clearance on the 21st with a band of rain, occasionally heavy that afternoon and air temperatures falling to just 5°C, as cold Polar air dug in from the north. Heavy snow was affecting large parts of the UK by now, but the relative warmth of the Channel kept our precipitation to mostly rain with sleet or hail mixed in. A further low moving eastward across Brittany in the small hours of the 23rd lead to a period of heavy rain & sleet locally as air temperatures dipped to just 1.2°C, but the day dawned bright with plenty of sunshine, albeit on the chilly side.

Yet another system swung in overnight in to the 24th with further heavy rain turning swiftly to wintry showers through the day. One particularly heavy hail shower that afternoon left the higher Parishes with an impressive dusting of ice before melting gently away. The 25th welcomed a temporary ridge across the southwest, centred

off Ushant leading to some 8 hours of sunshine recorded at the airport, the sunniest day of the month. Clear skies that night lead to another extensive ground frost, the 12th of the month and more ground frosts already recorded this month than we saw for the whole of last year.



A heavy hail shower during the afternoon of the 24th left a white carpet of ice in parts of the island.

Unfortunately that ridge was edging slowly away to the east to allow a return to milder, damper, Atlantic air once more, as rain arrived just before dawn on the 26th. A succession of systems rolled across the British Isles for the next 3 days with extensive low cloud, mist and hill fog, together with outbreaks of rain & drizzle.

Brighter conditions greeted us on the 29th following an overnight cold frontal clearance, but it was a brief respite before cloud thickened and lowered through the afternoon with rain, mist & hill fog later that evening. Overcast conditions then prevailed for the last 2 days of the month, with more murky conditions. Indeed, the last 6 days of the month yielded just over 2 inches of rain but just 3.4 hours of sunshine.

With a rollercoaster of temperatures through the month, incidences of fog, hail, ground frosts and snow/sleet were all much higher than average. The mean temperature for the month though, ended up 0.5°C below the new 30 year average for January. However, the month will probably be best remembered for yet more rain; just over twice the average for January at 188.4mm, a tad below the total for December just gone. This month also ended up as the 3rd wettest January at the airport, after 2001 & 1988 and the 5th wettest January since our records began in 1843.

10 sunless days through January made for a gloomy month at just 55.1 hours total sunshine.

February

Low pressure out in the Western Approaches opened the new month, with overcast conditions; rain, drizzle, mist & hill fog through the 1st with a band of heavier rain marking the passage of a clearing cold front overnight in to the 2nd. Only a few bright intervals that afternoon, punctuated with showers before a further system pushed in from Biscay to bring over half an inch of rainfall to our shores through the small hours of the 3rd. This feature cleared through eastward quite smartly around dawn with the winds veering sharply from south to northwest, again with a residue of showers through the day.

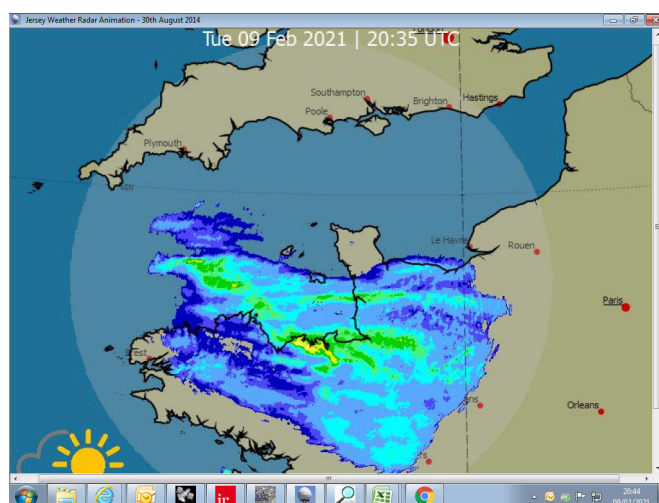
Unsettled conditions prevailed for the next few days as low pressure over Ireland induced a relatively mild southerly drift across the Bailiwick, with scattered showers affecting the islands. Rainfall totals were somewhat

less than of late though, with the 5th producing some 8.5 hours of sunshine, together with temperatures up in double figures.

Gradually though, that low pressure feature over western parts of the UK filled, as an intensifying area of high pressure centred over Norway started to introduce colder, drier air from more eastern climes. Cold Siberian air met with milder Atlantic air over Central Europe, giving rise to Storm 'Darcy'. Strong winds, falling air temperatures and heavy falls of snow affected many parts of northern mainland Europe, causing widespread damage and disruption as the storm tracked east. That same Norwegian high was also starting to drag cold air across the North Sea into eastern parts of Scotland and northern England. Moisture picked up en-route fell as snow in these areas, again causing much disruption to travel, as temperatures fell sharply across the country.

Locally, clear skies and light winds overnight in to the 6th saw ground temperatures fall below zero by dawn, and as the day progressed so air temperatures also fell away to just 5°C by evening. A weak front overnight with outbreaks of rain marked the arrival of this colder air from the northeast, again with temperatures falling further through the 7th. Light wintry showers started to fall that evening and by dawn on the 8th temperatures were hovering just above freezing, with a continuation of mostly light showers of snow or ice pellets through the day leading to some very small accumulations in places around the islands. As we moved in to the 9th our winds veered more easterly, allowing prevailing winds a more continental run in across Normandy. Temperatures started off just above freezing but this drier, colder air saw them dip sub-zero for the afternoon, with any showers staying to the north of the Bailiwick.

Meanwhile a low pressure system was edging in from the west, tracking eastward over central France with a very real threat of snow on its northern edge stretching up over the islands that evening and overnight. However, apart from a few light flurries around midnight, we remained clear with that snow band reaching up only as far as Jersey's north coast. Our sister isle received about 1cm of the white stuff by morning, whilst we remained just cold and breezy.



Jersey Met Office Radar imagery showing how close the snow got to us overnight in to the 10th.

Following the departure of that overnight low, the cloud broke up through the day on the 10th with plenty of sunshine although temperatures barely made 2°C by day's end. Scattered showers that built up in mid Channel made little progress southward, so again we missed out on any significant snowfall.

There were signs out in the near Atlantic of milder air trying to nudge in across the UK, but that Scandinavian high was reluctant to give ground as the battle of the two air masses across the country continued. Slowly though, the Atlantic air made inroads as it rode in over the top of the colder air mass with a band of sleet, followed by rain, started to transfer eastward across the British Isles. Again it was so near and yet so far, as that band of wintry precipitation out to the west headed up the Channel, but dissipating all the while. Shortly after dawn on the 13th we saw a mixture of snow pellets and freezing rain with air temperatures just below zero, as that freezing rain left just the briefest of glazed rime in favoured spots around the islands. Any

remaining precipitation turned to rain through the afternoon as temperatures increased, though amounts were small.

The change to milder air was now very much under way with a strengthening southeasterly flow pushing up across all parts of the country through the weekend, ahead of Atlantic low pressure now looking to dominate our weather from the 14th. At 0300 on the 14th air temperatures stood at just 2.6°C, but by the same time on the 15th we were at 8.6°C and steadily rising as that milder air made steady progress eastward across the UK. Patchy rain with occasional mist & hill fog accompanied this arrival, with the next couple of days seeing above average temperatures, fresh southerly winds and cloudy conditions as low pressure to the north of Scotland returned us to a more mobile flow.

Sunshine totals remained low over the next few days too, as a series of Atlantic fronts became slow moving out to the west, with pulses of rain moving northeast over western areas of the UK. Some of that rain became heavy and persistent with parts of south Wales receiving over a month's rainfall (100mm) in just 24 hours. We continued to remain mostly just to the east of these fronts, although we did manage a few hours of rain in the early hours of the 21st, but this had cleared northward by dawn to leave a dry but cloudy day in the islands.

A similar pattern emerged overnight in to the 22nd as that waving cold front out to the west again nudged in across the islands giving us a few more hours of mostly light rain, before clearing away to the east this time, with conditions improving through the morning. With the upper winds originating from as far south as North Africa, we saw some Sahara Dust mixed in with this precipitation, leaving a very fine, rust coloured deposit on many a shiny car across the Bailiwick. A brighter afternoon ensued as we enjoyed a respite before the next system made inroads across the British Isles. This next band of fronts again slowed as they neared our shores, as a broad area of high pressure over Central Europe affected their eastward progress, and it wasn't until just before dawn on the 25th that we saw some outbreaks of mainly light rain before clearing later that morning.

A strengthening ridge of high pressure was building quickly behind this clearance, and with winds falling light under clearing skies, temperatures fell quickly away that evening leading to an extensive ground frost by dawn on the 26th. That high pressure continued to build, becoming centred over the UK for the last 3 days of the month, leading to some 30 hours of sunshine, although air temperatures fell away slightly on the 28th as the southern flank of that high brought in a cooler, easterly flow off the nearby continent, but it did remain dry.

The statistics show February to have been a pretty average month, but after a mild first week, temperatures fell sharply and not reaching double figures again until the start of the 3rd week where they remained just above average for the rest of the month. A dull and wet start to February gave way to a brighter, drier end to the month, with those last 3 days providing some 30% of the month's sunshine total. Overall we ended up with temperatures very close to the new long term average; drier and also slightly sunnier. Despite recording the equal lowest (with 1998) maximum gust for February at the airport (35.4kts on the 9th), the mean wind speed was only 0.1kts short of the average.

Winter 2020/21 saw a mild & wet December, a cold & wet January and a reasonably average but slightly dry February, leading to the 5th wettest winter at the airport and 8th wettest on record going back to 1843. Sunshine and temperatures ended up very close to the average, but rather strangely we noted the most amount of days with snow reported (13) since 2010, despite an almost total absence of the white stuff on the ground.

March

High pressure centred out over the North Sea opened the new month with dry, settled conditions, light easterly winds and temperatures up around 11°C; a fine way to start the meteorological Spring. As that high eased away to the southeast across Europe, our winds veered in to the southeast, introducing a more continental feed with hazy visibility at times.

Gradually though that high slipped further away in to Eastern Europe, allowing a showery trough to nudge up from the southwest bringing cloudier conditions to our shores overnight in to the 3rd, with a scattering of mostly light rain showers through the day. This trough was a fairly isolated feature albeit with a fair amount of

cloud as it edged slowly away to the east through the 4th. Of more interest was another high pressure cell just off the west coast of Iceland starting to introduce a much cooler flow across northern parts of the UK. This colder air made steady progress southward to arrive in the Channel by dawn on the 5th. A noticeable drop in temperatures and a scattering of rain showers marked this change as our winds backed once more in to the east, with just 5°C the outside air temperature that evening.

That high edged slowly southeast to be centred over the UK that weekend with a return to dry, settled but cool conditions right the way through to the end of the 9th. Variable amounts of cloud kept night time ground temperatures mostly above freezing but clear skies overnight in to the 9th saw quite a sharp ground frost in places across the island with -3.4°C recorded at the airport by dawn that day.

A glance at the Atlantic charts though, showed a series of very active weather systems queuing up out to the west, rolling in across the UK by dawn on the 10th as that high retreated away over Scandinavia. Cloudy conditions with outbreaks of rain and drizzle prevailed through the 10th, before a cold front cleared through overnight in to the 11th. The passage of this front saw our winds increase for a time up to a full gale just before dawn, with gusts in excess of 50 knots.

Deep low pressure was now very much the controlling influence for our weather, centered just off the north coast of Scotland at 958mb edging slowly northward, with gale force westerly winds affecting much of the UK. A rash of squally showers with hail and thunder affected all parts of the British Isles from the 11th through to the 14th, before we started to see pressure building in from the southwest.

That ridge out to the southwest slowed to a near halt by the 15th, with a series of weak frontal systems toppling down across the UK. Milder, damper air by dawn on the 16th saw a blanket of thick fog enshroud the islands, with patchy rain, before clearing and brightening up for the afternoon.



Fog clearing in the distance with high *Cirrus* cloud @ 23,000 ft making for a fine afternoon for walking the island's cliff paths. Looking northeast over Marble Bay.

Photo credit: B. Bonnefin.

Slowly though, that high edged northward to be centred just off the northwest coast of Ireland by the 17th, with a cooler northerly flow becoming established over the UK. Shallow low pressure just off the coast of Norway threw a blanket of cloud into the North Sea which made its way down the Channel and into our area shortly after dawn on the 18th, with just the odd spot of rain through the day. Mostly cloudy conditions persisted overnight, again with a few splashes of rain, but by noon on the 19th the weak cold front had cleared to the west, allowing our skies to clear that afternoon and winds easing down by the evening.

Clear skies and light winds overnight lead to a ground frost by the morning of the 20th but thickening cloud shortly after dawn brought a few spots of drizzle later in the day, as high pressure continued to be the main influence on our weather, centred out to the west of Ireland. Gradually though, the high edged south and east

to be atop the Channel around midday on the 22nd with our winds falling light and variable. Shallow fog formed later that evening and thickened overnight, before clearing around dawn to leave a fine day in the islands with plenty of sunshine.

Atlantic fronts out to the west were now starting to appear on the charts again as our settling band of high pressure continued to slip away into Eastern Europe. Cloud thickened and lowered through the morning of the 24th with outbreaks of rain & drizzle by mid afternoon. Rainfall amounts were negligible though, but now after some days under the influence of high pressure, milder Atlantic air now prevailed across the UK and Channel. Southwest winds with a scattering of light rain showers brought cloudier conditions locally through to around noon on the 26th before a colder air mass dug behind a clearing cold front lying down across the UK. Mid morning temperatures of around 11°C fell sharply through that afternoon to be just 5°C by evening, as that cooler air announced its arrival. A rash of showers, occasionally with hail, added to our meagre rainfall total for the month, but by late morning on the 27th these showers had all but died away as high pressure once again began to build from the south.

This new high intensified through the weekend, steering a series of frontal systems up over northern parts of the UK whilst starting to introduce a warmer, drier southeasterly flow up from the nearby continent. Temperatures climbed to 16.5°C on the 29th with wall to wall sunshine making it the warmest & sunniest day of the year to date.

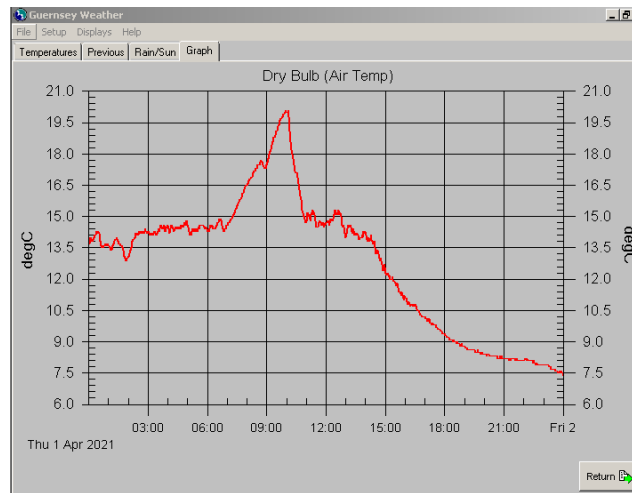
However, the 30th saw temperatures rise even further, particularly that afternoon, reaching 19.6°C, the highest temperature recorded in March at the airport. Our Sark weather station just pipped us, reaching 19.7°C whilst Kew Gardens in London recorded 24.5°C, their highest March temperature for 53 years. Jersey managed 21.1°C at their Maison St Louis Observatory in St Helier. High cloud encroached locally through the afternoon of the 30th to take the edge of our sunshine, but it remained warm with the mercury still showing 15.0°C at midnight.

The last day of the month saw that cloud shield persisting over much of the area, with only the briefest glimpses of any sun that afternoon. Temperatures held up nicely though, with a very respectable high of 17.7°C to close out the month.

With high pressure more dominant than usual, March ended up drier, warmer and with more sunshine than average this year, with a record high temperature of 19.6°C reached on the 30th with a warm continental feed towards the end of the month. Otherwise overnight temperatures turned out to be lower than average as a result of largely clear skies, with the highest number of March ground frosts noted for 5 years. Rather conversely the night minimum of the 29th/30th was the highest recorded at the airport since 1947 and it was also the driest March, with the lowest number of rain days, for 9 years. Rainfall was just over 40% of the average expected.

April

The last few days of March saw little in the way of rainfall and the start of April continued in much the same vein. Dry, settled conditions with a belt of receding high pressure over Central and Eastern Europe managed to briefly push up a plume of warm air through the morning of the 1st with temperatures peaking at 20.1°C around 1100hrs but a cold Arctic plunge was already streaming south over the UK, arriving at our shores that evening as air temperatures dropped swiftly through the afternoon to be in single figures that evening.



Air Temperature graph for Guernsey Airport showing a peak of 20.1°C late morning on the 1st followed by a steady decline to just 7.5°C by the evening (Times are GMT)

Winds aloft initially brought in a covering of Saharan dust too, but this was short-lived once our winds backed in to the northeast by day's end as another belt of high pressure to the south of Iceland extended a ridge across northern and central parts of the British Isles.

This high maintained a cool northeasterly flow along the Channel for the next couple of days, with variable amounts of cloud and pegging temperatures back to just single figures for the most part. By the 5th that high had edged back out in to the North Atlantic, and with deep low pressure now developing off the north coast of Norway, a very cold plunge of Arctic air was developing across the country, with heavy snow showers across many northern and central parts. Locally we saw a few light rain showers on the initial clearing cold front late on the 5th, but by dawn on the 6th we started to see some more potent showers bubbling up in the Channel with a scattering of wintry showers developing through the day. Most of these were fairly light, but it was the first time we've recorded snow at the airport in April since 2013.

This Arctic Maritime airflow was cold and very dry, and as a result we experienced excellent visibility outside the showers with humidity levels dropping as low as 35% at times. A chilly start to the day then on the 7th as overnight winds fell light under clearing skies, with air temperatures dipping to just 0.9°C and -3.0°C on the grass around dawn. A few more isolated showers ran through the islands during the day, but with air temperatures nudging 8°C, they fell as rain rather than anything more solid.

As that high transferred south and east to be centred over Central Europe by the 8th, pressure fell across northern parts of the UK with periods of rain and strong westerly winds across Scotland. We remained mostly clear in the Channel until late on the 9th as the clearing cold front from this system dropped south across the British Isles with yet another cold plunge following in its wake. Cloudier conditions locally with outbreaks of rain overnight continued through the morning of the 10th before clearing by noon to a smattering of showers by the evening.

That front was a little reluctant to clear, but it did so by dawn on the 11th, still with a few showers in the airflow initially as we returned once again to a cool, dry, northeasterly flow as pressure built to the west of Ireland. This airflow produced a few wintry showers locally, with hail reported late on the 12th, but outside of these showers we enjoyed excellent visibility and low air humidity. Gradually the high edged eastward to be atop the UK by the 13th with the next couple of days seeing plenty of sunshine and light northeast winds. Air temperatures remained disappointing though, barely making double figures during the day and clear skies overnight allowing air temperatures to drop to just a few degrees above freezing.

Freshening winds down the Channel on the 15th saw a scattering of showers, but these died away through the morning to leave us with another cool and bright afternoon. By the halfway stage of the month we'd recorded just 8.4mm of rain and the monthly mean temperature was some 2.5°C below the long term average.

That high started to drift away to the northeast over the next few days, but with a ridge still covering most of central and southern UK, we continued with the cool, dry and bright regime.



Lovely Mackerel Sky of *Altocumulus*
at 14,000' over Sark on the 19th.

Photo credit: B Bonnefin

Weak fronts lying out to the west over parts of Ireland and Scotland started to bring cloud and rain to those parts by the 18th and by the 19th a few isolated showers had nudged in to the western Channel, although none came close enough to affect the islands. Temperatures started to pick up too and by the 20th we managed a maximum air temperature of 14.5°C, the highest since that very warm start to the month.

High pressure continued to dominate over the next few days, still centred over the UK with a brisk northeasterly down the Channel and temperatures pegged back to the low teens. A change was in the offing for the last few days of the month though, as low pressure off the south coast of Iceland started to develop and edge southeast towards Scotland by the 26th. This feature continued its way south across the country, bringing periods of much needed rain to many parts of the UK. By the time the associated weather fronts reached the islands overnight into the 28th however, they had weakened sufficiently to be just a scattering of light showers with only a few drops recorded locally around noon on the 30th.

With a mostly anticyclonic dominated month, this April ended up being the coldest since 2013 and the sunniest since sunshine records began back in 1894. With a notable absence of Atlantic influenced weather it ended up the 9th driest April since 1843, 5th driest at the airport and driest since 2011. The period 11th to the 30th received 0.1mm of rain or less daily with a drought declared on the 26th.

Cool, clear nights led to the lowest average daily minimum temperature since 1986, the 2nd equal lowest recorded at the airport. Those same cool nights allowed ground temperatures to fall below freezing on 10 occasions through the month, a record equalling figure for April and incidentally the same number of ground frosts as recorded for the whole of 2020.

We also recorded no days with any fog this month, a record equal with 2012. It was also interesting to note that the mean monthly temperature for April was actually lower than that of March, due to the much lower minimum temperatures recorded through the month.

May

Slack pressure across Northern Europe opened up the new month, with a gentle but cool northerly drift down across the UK and Channel. Localised showers built up over the southern half of the island through the day, limiting sunshine totals with even a report of a hail shower late morning on the 1st in St Martins. Overnight clear skies led to hoar frosts by dawn on each of the first 3 days of the month, as high pressure gently started to nudge in from the southwest.

A glance at the European weather charts finally started to show a change from a mostly settled anticyclonic pattern, to a more mobile and less settled, Atlantic driven scenario, as a deepening low pressure system swept in from the west bringing strong winds and outbreaks of rain across the UK. Locally thickening cloud through

the afternoon of the 3rd, together with freshening southwesterly winds heralded the arrival of a band of patchy rain mid evening, clearing overnight to a bright but breezy day on the 4th. That low continued its progress eastward into Scandinavia, with a cold plunge of Arctic air running down across northern and central parts of the UK, with some appreciable amounts of snow over high ground.

A brief rash of rain & hail showers reached our shores later that evening before clearing to the south by dawn on the 5th, to leave us with a bright start to the day. Extensive high cloud ahead of the next developing wave depression out in the near Atlantic started to feed in that afternoon, making our sunshine hazy for the most part before the cloud thickened and lowered overnight with rain arriving in the small hours of the 6th. That rain became persistent through the morning and early afternoon before easing away by late afternoon to leave a fine evening with excellent visibility. Indeed such was the lack of cloud and exceptionally clear visibility that we observed a Green Flash at sunset.

This brief interlude of cool, clear air sweeping down from the north was all too short-lived however, as the next Atlantic low was already deepening out to the west with the associated frontal rain arriving late evening on the 7th, becoming persistent overnight with some hill fog patches. The clearing cold front hung back out to the west though, so we enjoyed dry but mostly cloudy conditions through the 8th and in to Liberation Day. That cold front began to edge closer to our western shores later that afternoon with a few spots of rain, and although we didn't see too much in the way of sunshine, at least temperatures made it up to a pleasant 17°C.

That low pressure had become near-stationary just off the west coast of Ireland by the 10th, and the cold front had cleared through to the east, leaving us in a showery southwesterly flow until a slow moving occlusion wrapped around another slow moving area of low pressure pushed in to the Western Channel early on the 12th. Cloudy conditions with intermittent rain through the day gave way to some heavier bursts around dawn on the 13th, with more persistent rain & drizzle before finally clearing around midnight going in to the 14th. That 36 hour spell of rain yielded some 15mm of much needed rain, but only 2.2 hours of sunshine. A funnel cloud was also spotted off the south coast of the island late on the 12th.

The next Atlantic system was already queuing up out the west though, and after a cloudy day on the 14th, the next band of rain pushed in late evening but cleared through by dawn on the 15th to leave a bright but breezy day with just the odd passing light shower. This unsettled, showery and rather breezy spell with lower than average temperatures continued for the next few days, but a ridge between systems on the 19th gave us a pleasant but still rather cool & breezy day in the islands with extensive high cloud towards the end of the day.

The next low out to the west was deepening rapidly as it swung in across the British Isles, bringing strong winds together with bands of rain, often heavy and prolonged in places. Initially rainfall amounts were quite small locally as the bulk of the weather tracked just to the north of the islands, but a band of more organised and heavy showers dropped across the Bailiwick through the late afternoon of the 21st with winds gusting up to gale force for a time.

As that low filled and edged slowly over the North Sea so conditions in the islands improved with the showers becoming more isolated and those strong westerly winds gradually easing down. Air temperatures continued to disappoint though, barely making the mid teens.



Impressive display of optical phenomena just before sunset on the 19th. Sunlight is reflecting and refracting through ice crystals in high level *Cirrus* clouds to produce a strong 22° halo and 2 well defined *Parhelia* or Mock Suns. Photo credit Laura Johns.

Following the departure of that last area of low pressure, it wasn't long before the next system rolled in from the Atlantic as extensive pre-frontal high cloud thickened and lowered through the 23rd with the first of the rain arriving just after midday. That rain became heavier and more persistent through the evening before clearing just before midnight. The cold frontal clearance saw a gust at the airport of 46.3 knots (just over 53mph) around 2036hrs, that's the highest recorded May gust for 8 years.

This particular low slowed its eastward progress over the UK with a strong showery flow covering all parts of the British Isles, with a number of heavy showers locally, occasionally with hail through the 24th. Pressure was starting to build from the southwest overnight into the 25th with those showers all but dying out locally. Just squeezing in ahead of this ridge, though, was an active open wave depression developing off the southern tip of Ireland bringing outbreaks of rain to our shores by noon. This rain became heavier and more persistent through the afternoon and together with strong southwesterly winds and temperatures barely reaching double figures, it felt more like March than the end of May.

By dawn on the 26th that system had cleared through to the southeast, leaving the islands in a drier, post frontal flow, but still with the cloud from the back edge of that cold front keeping sunshine down to just a few hours that afternoon. However, the good news was that finally the Atlantic Conveyor was being replaced by something altogether more settled and warm as pressure started to rise over southern Britain and the nearby continent.

Early shallow fog lifted and thickened briefly before the 27th dawned fine with temperatures picking up nicely to the mid teens and this trend continued in to the 28th when we saw the mercury reach 20.1°C for only the 2nd time so far this year. Extensive medium & high cloud through the day however, kept the edge off the sunshine total.

Slow moving fronts out to the west of the UK were kept at bay by this high pressure belt, now centred to the north of Norway, but a rogue band of showers pushed up through the Channel in the small hours of the 29th, easing away only around lunchtime. Clearing skies through the afternoon continued overnight and in to the 30th although a nagging northeasterly breeze pegged temperatures back to just short of 17°C that afternoon. As that high slipped slowly southward so the gradient down the Channel slackened for the 31st and with the absence of any nearby fronts, we enjoyed 14.1 hours of sunshine and temperatures peaking at 21.2°C; the warmest and sunniest day of the year so far.

Despite that warm snap at the end of the month, May ended up 1.2°C cooler than the long term mean; duller, wetter and also windier than average as Atlantic low pressure provided the main influence on the UK weather.

June

A broad area of high pressure over Scandinavia coupled with shallow low pressure out in the near Atlantic encouraged a warm, dry, easterly flow across the Bailiwick to start the first month of summer, and the resulting 14.1 hours of sunshine and air temperatures reaching 22.4°C was an excellent outcome, as we enjoyed the warmest day of the year to date.

Thundery low pressure down over Spain pushed northward over France through the day with distant lightning observed to the south overnight in to the 2nd. A few light showers made it as far as the islands by dawn, but this damper, more unsettled flow brought more in the way of cloud through the day with mist and hill fog patches later that afternoon and evening. After that warm start temperatures fell away too, dropping to the low teens by day's end.

Weak fronts now starting to edge in from the west brought cloudier conditions through the 3rd with outbreaks of rain around noon and again later that evening as that front became slow moving in a north/south line in the Channel. Gradually though, this feature pushed away to the east through the morning of the 4th, with fine conditions prevailing from around noon together with excellent visibility. Clear skies and light winds overnight led to some patches of shallow fog but this dissipated readily by dawn to leave another fine day in the islands, albeit with temperatures just failing to make 18°C.

Weak fronts toppling down over the top of a building ridge of high pressure through the 6th again brought cloudier conditions to the islands, with outbreaks of light rain early that morning followed by fog patches that evening, clearing overnight. Conditions slowly improved over the next day or so as that high extended its influence across the British Isles with mostly fair or fine weather for most parts. A weak warm front dragging its heels across the North Channel lent extra moisture late on the 9th, with hill fog patches becoming thicker and more extensive overnight in to the 10th. This high was now bringing in some warm tropical air from the southwest but moisture levels were high within this airflow so whilst we enjoyed better daytime temperatures, we did see fog readily forming through the evenings of the 10th & 11th which was reluctant to clear the following mornings.

A weak cold front dropped down across the UK overnight in to the 12th bringing patchy drizzle to the islands just before dawn, but a clearer, fresher airflow settled in from the northwest following its clearance southward. Fine conditions prevailed for a few days thereafter as high pressure became well established across much of the UK with light winds, plenty of sunshine and temperatures topping out at 22.9°C on the 14th; the highest temperature reached so far this year.

Gradually though, that high drifted away to the northeast with a distinctly more unsettled look to the charts as low pressure to the northwest of Ireland dragged a slow moving cold front in from the west. Ahead of this feature a further low over Brittany introduced showers into the Channel through the evening of the 16th with mist and hill fog overnight in to the 17th. Periods of heavier rain that morning cleared by noon, but it remained mostly cloudy for the rest of the day. Further belts of rain with drizzle, mist and hill fog affected the Bailiwick through the 18th, again clearing in the afternoon as that low only reluctantly eased away to the northeast.

The next slow moving low pressure system was already out in the near Atlantic though, edging in to the Bay of Biscay whilst extending its associated fronts into the Channel. Cloudy conditions again prevailed locally with rain, drizzle, mist and hill fog affecting the islands until late on the 22nd. On the whole though, rainfall amounts weren't too bad although a period of heavy rain overnight into the 21st did yield some 13.1mm of rain making it the wettest day of the month.

A ridge of high pressure started to nudge up from the southwest by the 22nd as that low eased away to the southeast, with a fine day on the 23rd but weak fronts dropping down over the UK late on the 24th brought cloudier conditions overnight with rain by the small hours of the 25th together with mist and hill fog through the day, although a late clearance saw some blue sky that evening. This rather unsettled theme continued in to the 26th as yet another complex low stalled over northern Biscay with its fronts bringing rain to our shores early that afternoon with mist and fog by the evening. The showers eased off overnight but a very moist airflow now covered the islands with mist and fog patches persisting until late morning of the 27th.



Ridge conditions on the 23rd lead to a fine day in the islands. The Zig-Zag in beautiful Alderney looking northeast with Fort Tourgis just visible over the hill top above the beach.

That low in Biscay continued to influence our weather, remaining quasi stationary and slowly filling down to the south and west. Mostly fair conditions prevailed then, but with occasional showers and with extensive sea fog around the islands that crept inland at times. Temperatures were a little disappointing too, but we did manage 19.2°C with 10.6 hours of sunshine on the last day of the month.

Very much a month of two halves, the first 15 days produced little rain, light winds and plenty of sunshine but the 2nd half of the month was a lot less settled with cooler temperatures, less sunshine and the bulk of the month's rainfall. Overall wetter and duller than average and though drier than the last 2 Junes, still wetter than the long term average. The month's mean temperature was slightly above average and we noted 14 days with fog recorded, the highest such number for any month so far this year.

July

After a rather disappointing June, the new month struggled to get off to a decent start with thick fog blanketing the islands for most of the morning of the 1st, only burning back to the coasts through the afternoon. A slack pressure gradient covered much of the UK and France, with only a gentle westerly drift along the Channel. Warm, moist air over a still relatively cool sea led to extensive sea fog around the Bailiwick, encroaching inland at times, restricting air temperatures to the mid to high teens for the most part.

Towards the end of the 2nd low pressure out in the near Atlantic was extending a series of fronts into the western Channel, with outbreaks of rain together with mist and hill fog patches affecting the islands overnight in to the 3rd. These fronts cleared through by noon allowing for improved conditions for the afternoon, but a series of troughs following the clearance rolled in overnight with some lively showers at times in the small hours of the 4th, mostly clearing later that morning.

The charts were now showing low pressure very much the dominant player across much of Europe, with the next system rolling in from the southwest late evening on the 4th, again clearing during the early hours of the 5th, followed by a dry morning. The next system out to the southwest was already deepening and moving swiftly into the mouth of the Channel though, bringing rain to our shores that afternoon. That rain became persistent and heavy for a time before clearing later that evening. The centre of this low tracked up the Channel just off the south coast of the UK with gales recorded at the Channel Light Vessel, Brest and Alderney Airport. Our highest mean speed was 31 knots (36 mph) just before 0300 on the 6th, just falling short of a full gale, but we did record a maximum gust of 45.5 knots (52 mph), the highest July gust since 1983.

By dawn on the 6th this low was starting to lose coherence and slowing its progress eastward, leaving us with a bright and breezy day in the islands, with just the odd shower lurking in the wings. Pressure was now starting to show signs of building following this clearance with winds easing but still with patchy rain or showers at times. A period of fog and drizzle around dawn on the 7th cleared to leave a mostly cloudy day in the islands, with only the odd glimpse of blue sky that afternoon.

Ridge conditions for the 8th provided a bit more in the way of sunshine but with temperatures still struggling in the mid teens and a damp, mainly westerly flow across the islands, it really didn't feel very much like summer. As that ridge collapsed to the southeast the next series of fronts were pushing in from the west with a cloudy day on the 9th with rain arriving early on the 10th, together with mist and hill fog across the islands. The fronts cleared through that afternoon, but it remained cloudy for the most part with just a glimpse of sunshine by day's end. Unfortunately the next system was already nearing our shores with the first few spots of rain late morning on the 11th. The afternoon proved a livelier affair though, with an active thundery trough breaking away from the Brittany Coast and rolling up over the Bailiwick later that afternoon. The first thunder was noted around 1700hrs with multiple flashes around the island. The storms lasted around 90 minutes but with the airport just missing out on any of the heavier bursts of rain, recording just 1.8mm of rain.

Low pressure continued its influence across the islands, now centred over Kent, with a cloudy northwesterly flow through the 12th with periods of rain, drizzle, mist and fog patches, clearing just before dusk. A daytime maximum temperature of just 15.4°C on the 12th was the lowest such figure recorded since 2013.

Coming up to the half way point of the month with sunshine totals only just over half the 30 year average, and rainfall around twice that same average made for disappointing reading, but by dawn on the 13th however, pressure was starting to build from the southwest bringing with it the promise of something warmer and more settled in the days to come, as that low moved slowly off in to Central Europe.

High pressure building out to the southwest over the Azores was at last starting to influence our weather, as it drifted northeast to be centred to the west of Ireland by the 14th. Dry, warm and settled conditions then prevailed across the islands with light to moderate mostly east to southeasterly winds and air temperature moving smartly up in to the high 20's. The 7 days from the 13th to the 19th yielded just under 100 hours of sunshine, over twice the total for the first 12 days of the month. Our maximum daytime temperature for the month was reached during the early afternoon of the 21st at 28.1°C, but the 4 days 19th-22nd (inc) each topped over 25°C making for a rather warm spell in the islands.

Gradually though, that high drifted away to the north and east as thundery low pressure edged up from the near continent through the 23rd. Thickening high and medium level cloud during the morning heralded a rash of quite intense thunderstorms across all the islands later that afternoon with reports of 8mm sized hail stones in St Peter Port together with frequent flashes of lightning. Initially we recorded very little rainfall up at the airport that afternoon, but a second thundery trough that evening yielded some 6.5mm of rain in just over an hour just before midnight.

These troughs continued their progress northward to impact the south coast of the UK during the 24th with reports of property damage and flash flooding across many southern parts. Locally though, we started with a dry morning following the previous night's storms, with a welcome 10° drop in temperatures to a more bearable 17°C. However further showers in association with this slow moving thundery low pressure rolled in over the islands that afternoon, becoming heavy and persistent before clearing mid evening.

Increasing moisture levels within this unsettled air flow gave rise to mist and hill fog patches at times over the next couple of days, but not too much in the way of rainfall.



One of many intense lightning flashes seen during the late afternoon of the 23rd. Photo credit Kevin Butt

Slow moving low pressure continued to influence the UK weather over the next few days, centred just off the east coast of Scotland. A separate low pressure, deepening and moving swiftly in from the near Atlantic started to show up on our charts by the 29th, with a predicted eastward track just off the north coast of Cornwall, over Oxford and into Lincolnshire. This low was named Storm 'Evert' and brought gale force winds and periods of heavy rain across southern parts of the UK. This was only the 4th named summer storm, after 2 in 2020 and 1 in 2018. Thankfully 'Evert' was reasonably localised across southern areas of the UK with only a few light showers noted at here at the airport, although our winds became quite strong and gusty through the morning of the 30th before easing off that afternoon.

Duller, wetter and slightly warmer than the long term average, July was probably rescued by that warm, dry and sunny 10 day spell mid month following a cool unsettled first 12 days. Despite a gust of 46 knots on the 6th and Storm 'Evert' on the 30th we ended up with a lower mean monthly wind speed than average. The 11th & 23rd saw some feisty late afternoon thunderstorms and there was an above average 13 days when fog was noted.

August

Low pressure over Scandinavia drew down a cool northerly flow across the UK to open up the new month, with a series of heavy showers across the country but most of these showers had died out by the time they reached our shores here in the Channel. As that low filled and eased away northeast, so a slack gradient covered much of the British Isles with the first few days of the month seeing slightly below average temperatures with a mix of sunshine and cloudier spells, and the odd light passing shower.

Gradually though, Atlantic systems out to the west started to spill in and by the 5th a slow moving depression was edging its way across Ireland as associated fronts pushed in to the western Channel with showers giving way to rain and drizzle through the morning. The afternoon briefly saw some sunshine but further rain overnight cleared to showers the next morning. Fresh southwesterly winds saw a number of showers rattle through the Bailiwick through the 6th before easing up briefly ahead of a secondary system moving swiftly in from the west during the 7th. A period of heavier rain that morning cleared through around noon allowing a brighter afternoon but with further showers, occasionally heavy, overnight in to the 8th.

The low responsible for this unsettled start to August was now almost stationary over Central Scotland with bands of heavy rain or showers across all parts of the UK, and strong westerly winds in the Channel. Showers locally continued through the 9th but an open wave depression within this airflow brought low cloud, rain, drizzle and fog through the small hours of the 10th, clearing by mid-morning as that rather unwelcome feature

cleared away to the east. Conditions improved markedly following this clearance with over 9 hours of sunshine by day's end, although temperatures were still rather disappointing, reaching just short of 18°C.

High pressure was now starting to build from the southwest but with low pressure still out in the North Atlantic, unsettled conditions continued to prevail over much of the British Isles. The next few days however, started to see a brighter, drier run of weather with daytime maximum temperatures improving and mostly light to moderate southwesterly winds. A few showers early on the 12th soon cleared to a fine, warm day in the islands and we saw the mercury top 20°C for the first time this month.

Light southerly winds introduced a damp flow across the islands early on the 14th with patchy fog that rolled back to the coasts through the morning, but clearing skies allowed temperatures to reach 22.5°C and with 12.6 hours of sunshine, arguably the most pleasant day of the month to date.

Shallow low pressure once again made a return to the charts nudging in to the Southwest Approaches, with a weak cold front easing across the islands early on the 15th with patchy drizzle, mist and fog which cleared mid morning. It remained cloudy for rest of the day with more patchy drizzle later that evening as the associated occluded front cleared slowly southeast over the Bailiwick. Brighter conditions followed on from this clearance as that high re-asserted itself for the 16th. A series of weak fronts were toppling southeast across the UK for the 17th with mostly cloudy conditions here in the Bailiwick, together with a few spots of light rain later that afternoon.

This rather mobile setup to our weather continued with further low pressure now starting to push in from the southwest, replacing that high, with a series of weak frontal systems returning us to largely cloudy conditions with patchy rain & drizzle and with mist and hill fog at times over the next few days. Temperatures reflected this slightly cooler run of weather, struggling into the high teens and disappointing sunshine totals. Rainfall totals remained low though with that 13.0mm back on the 7th by far and away the wettest day of the month.

The 22nd enjoyed a brief ridge between fronts with over 11 hours of sunshine but again temperatures not able to breach that 20°C barrier.

As we started the final week of the month there was at last a more settled look to the charts with a large area of high pressure becoming established over the British Isles, but with a fresh northeasterly breeze of Scandinavian origin setting in along the Channel, temperatures again struggled to make 20°C.



High pressure for the last 10 days of the month helped push sunshine totals up although air temperatures were a little disappointing in the fresh northeasterly breeze. Les Hanois from Pleinmont headland. Photo credit Adam Heaume

High pressure centred over the UK dominated the weather for the remainder of the month, although extensive areas of low cloud within the general flow often provided dull conditions, particularly in the mornings. Temperatures again failed to make 20°C but it remained largely dry.

The average rainfall total for August is 56.6mm but with only 27.0mm of rainfall for the month, and nearly half of that total falling on the 13th, it was the driest August for 12 years. Maximum daytime temperatures only surpassed 20°C twice in the month leading to the mean maximum for August to fall 1.0°C short of the average, but with night minimum mean only 0.3°C down on the average, we ended up only 0.6°C lower than average for the monthly mean. A cool month then, and dull too with only just over 200 hours of sunshine but perhaps not feeling too bad with that lack of rainfall.

With a mean temperature of 16.2°C the summer was pretty much the same as the 30 year average despite being the coolest for 6 years. June and July were slightly warmer and wetter than average, with August being cooler and drier than the long term average. All three months were dull though, leading to the lowest summer sunshine total since 2012. The 3rd week in July was arguably the most pleasant with plenty of sunshine, no rainfall and temperatures peaking at 28.1°C on the 21st.

September

The blocking anticyclone that dominated the last 10 days of August maintained its influence well in to the start of September with dry, bright but occasionally hazy conditions as the islands enjoyed a rather late summer.

East to northeast winds down the Channel gradually veered to a warmer southeasterly flow with a mix of sunshine and cloudier spells. We averaged just over 8 hours of sun a day for the first week as daily air temperatures climbed steadily to reach 26.5°C on the 6th and then 27.5°C on the 7th, both figures the highest recorded air temperatures for those dates at the airport. Coincidentally our Sark Met Observatory recorded similar figures, again record high temperatures for that station since their records began. Overnight temperatures stayed up too, falling to just 18.5°C at the airport just after dawn on the 7th, the highest September night minimum for 16 years.

Gradually though, that high which had been with us for over 2 weeks started to drift away over Eastern Europe to allow thundery low pressure to edge up from the southwest. Cloud thickened from the south late on the 7th with an impressive backdrop to sunset that evening as layers of unstable medium level *Alto cumulus Castellanus* rolled in.

Shortly after dawn on the 8th surface winds veered into the west and this damper airflow reduced visibility very shortly after 0700hrs with mist and fog patches sweeping in over the airport. Heavy, thundery showers were also making their presence felt with the first rumbles just after 0800hrs with the heaviest downpours experienced down the west side of Guernsey. The storms cleared away to the north around mid morning, but mist and fog continued to plague us until the small hours of the 9th, with a scattering of showers continuing through until later that day. The last of any mist patches also managed to clear in time for the Annual Air Display around lunchtime with a mixture of sunshine and cloud to greet the crowds.

The extensive area of low pressure responsible for this unsettled spell was slowly edging its way up across the UK with further storms across the country and by the 11th was centred in the North Sea, with pressure starting to build locally from the southwest. More settled conditions returned to our shores through the weekend as this high became established across southern England.

Light winds and clear skies overnight lead to early shallow fog patches in places around the island at first on the 12th, but cloud filled in shortly before dawn which lasted through the day. As that high pressure belt continued its drift eastward a series of troughs edged up from the south in association with a shallow low in Biscay. A few light showers through the evening of the 13th heralded the arrival of the first of these troughs before more prolonged and heavier spells of rain arrived in the small hours of the 14th, mostly clearing by daybreak. Some 16.6mm of rain fell by 1000hrs that morning making it the wettest day since January 22nd this

year. Slow moving, slack low pressure was now the main influence across the British Isles, but with its rather warm origins, temperatures stayed above average though with some mist or fog patches during the evenings of the 14th & 15th.



The island of Breghou from Saignie Bay in Sark. Light westerly winds lead to a 'Cloud Street' over Guernsey.

A brief ridge from late on the 16th helped prolong this rather quiet spell of weather although weak Atlantic fronts out in the western Channel occasionally introduced cloud across the islands. Temperatures continued above average though, with light winds and only the odd light shower. These weak fronts cleared eastward across the UK by the 20th as high pressure once again pushed up from the southwest with more dry and settled weather until late on the 23rd. A series of weak fronts toppled down across the country later that day with cloud thickening and lowering through the afternoon, with drizzle and mist that evening. Outbreaks of rain overnight cleared by morning however, with a clearer, brighter day in the islands albeit with a noticeably fresher feel as temperatures dipped to a more seasonal 14°C.

Low pressure was by now very much the main driver of our weather, covering much of Europe and North Atlantic. Heavy thundery showers to the southeast early on the 26th saw lightning strikes over Jersey resulting in fire and extensive damage to a number of properties on our sister island. The 26th also saw the last of the recent run of warm temperatures as a very active cold front swept in from the west bringing periods of rain overnight in to the 27th followed by a much cooler Polar Maritime flow as air temperatures dipped some 5°C following its clearance around dawn on the 27th, together with winds gusting to 51mph. Fresh westerly winds with a scattering of showers through the day and temperatures reaching only 17.6°C certainly announced a change to more Autumnal weather.

The last few days of the month saw a much more unsettled run of weather as North Atlantic low pressure brought fresh to strong westerly winds, a continuation of showers or longer periods of rain and temperatures slowly dipping to more seasonal figures.

With more than three weeks of the month with above average temperatures, September ended up with a mean temperature 1.3°C warmer than average making it warmer than August this year and only 0.1°C cooler than July. It was the 8th warmest September on record but only the warmest since 2014. The 7th reached 27.5°C, the 3rd highest temperature of the year. Rainfall was slightly below average despite the 13th recording 16.6mm of rain, the wettest day since 22nd January this year. Sunshine was slightly above average with no sunless days noted, the first time for this month in 5 years.

It was also interesting to note that we reached or exceeded 20°C on 11 occasions this month, whereas July and August combined recorded only 10 days equal or higher than 20°C.

October

Strong south to southwesterly winds with periods of rain, occasionally heavy, greeted the new month as deep low pressure just south of Iceland drew in a very unsettled, mild, damp and windy train of weather. A cold front clearance mid morning on the 1st heralded a veer in our wind resulting in air temperatures falling away late afternoon to just 11°C by evening.

This clearance was only a brief respite though, as that cold front waved back up into the Channel by dawn on the 2nd with rain becoming persistent and heavy through the morning, clearing for a time late afternoon. Winds picked up too, gusting to 44 knots up at the airport as that next cold front whipped through just after 1630hrs. Again, that cold front waved up over the islands later that evening and overnight with further periods of heavy rain, clearing to showers by the small hours of the 3rd. Totals of 25.1mm (approx 1 inch) of rainfall for the 2nd made it the wettest day of the year to date and the wettest day since December 3rd last year.

Fresher, brighter conditions then prevailed through the 3rd with just a scattering of light showers early afternoon as low pressure centred to the north of Shetland continued to influence our weather. These showers became more organised during the morning of the 4th before the next low within the general circulation swept in shortly after midnight and into the early hours of the 5th with a very active occluded front crossing the Bailiwick with 13.1mm of rain falling between midnight and 0300hrs. This same feature saw some 35mm of rain falling in parts of London in the space of just one hour leading to extensive flash flooding across the capital.

Locally the strong westerly winds eased as that low became slow moving off the coast of Berwick-Upon-Tweed and filled, but still the odd blustery shower across the islands as a transient ridge of high pressure moved in from the west. This ridge brought more settled conditions through the day but as that ridge transferred eastward, so more cloudy and damp conditions rolled in overnight as the next warm front approached our shores. Drizzle and extensive fog greeted the new day on the 7th clearing only slowly through the morning but remaining cloudy throughout.

High pressure building over the North Atlantic was by now starting to transfer east towards the UK introducing a more settled run of weather, although heavy dews and early mist were not uncommon over the next few days as that high settled gently over the British Isles. That high dominated our weather through until late on the 16th by which time a series of Atlantic low pressure systems were queuing up out to the west as that high declined slowly to the east. A couple of weak cold fronts did drop south across eastern parts of the UK during this period but produced only patchy cloud at times by the time they reached the Channel.

Approaching fronts from the west eventually arrived mid morning on the 18th with rain becoming persistent by midday before turning to drizzle with extensive mist and hill fog through the afternoon and evening. The warm front responsible edged away north and east overnight as conditions improved by dawn on the 19th. We remained in a very warm southwesterly flow through the day with temperatures rising to 18.8°C. A cold front out in the Western Channel brought thickening cloud through the afternoon, with rain by midnight which became heavy at times in the early hours of the 20th before clearing to isolated showers that morning.

A rapidly deepening low swept in from the west that afternoon with a rash of heavy and prolonged showers with winds increasing from the south. Late evening saw the worst of this storm with a gale recorded from 2226 hrs to 2325 hrs with a maximum gust recorded of 61 knots (70 mph) at 2257 hrs. Some 11.6mm of rain fell through the afternoon and considerable damage was caused by the winds that evening. The COVID tent on the Albert Pier blew in to the harbour, a shipping container was blown on to the roof of a van, numerous trampolines were blown around and dozens of trees were uprooted. Rather ironically the mast at our automated weather station at Chouet headland was also a casualty of the storm. As this low barrelled its way eastward through the small hours of the 21st so our winds eased down with a scattering of showers remaining within the airflow through the morning. Light northerly winds and blue skies with excellent visibility greeted the afternoon, albeit with a noticeable drop in temperatures.

With pressure building from the southwest, the islands enjoyed a quiet few days following that storm although air temperatures became noticeably cooler and with quite a lot of cloud within the general circulation, sunshine was limited at times. That belt of high pressure drifted away eastward across the continent by the 23rd allowing the next series of Atlantic lows to push in from the west as cloud thickened through the morning of the 24th with patchy rain and drizzle that afternoon. That front cleared late afternoon and with low pressure to the north of Scotland and high pressure building slowly to the south, the islands sat in a mild, bright southwesterly flow with just the odd shower at times. Temperatures stayed above average with night time lows still up in double figures.



High winds late on the 20th caused widespread damage overnight but the 21st dawned clearer with morning showers and plenty of rainbows.

By late on the 26th however, that high was declining eastward with deep low pressure steering a series of active weather fronts in from the west. The approaching fronts became slow moving across Ireland and northern parts of the UK with a resulting mild southwesterly flow across the islands. Temperatures stayed above average with mostly bright conditions until late on the 28th as that front finally reached our shores. A brief period of rain overnight in to the 29th cleared to blustery showers by dawn, with a noticeable drop in air temperatures in some of those heavier showers. This unsettled run continued as a further band of rain, occasionally heavy, rolled in that night, again clearing to showers by dawn on the 30th.

The last day of the month saw yet another low sweep in from the Atlantic, deepening rapidly as it neared the Southwest Approaches with a brief gale and just over half an inch of rain recorded as it cleared through the Bailiwick that morning. The resulting airflow had now changed to one of more Arctic origins and so air temperatures fell steadily through the day to just single figures by the evening. A series of heavy showers rolled in that evening to end the month with a thunderstorm just before midnight.

With the first 3 weeks of the month seeing above average temperatures and only the last 10 days or so with a more mixed bag of more seasonal values, the mean temperature for October was some 0.7°C above average making it the warmest October for 7 years and the 18th warmest since records began in 1843. Although we noted slightly more rainfall than average, this October was drier than both 2020 & 2019 and the 25.1mm recorded on the 2nd was the wettest day of the year to date.

After 2018, this was the sunniest October since 1994 and the 9th sunniest since 1894. We recorded 2 days with gales and the gust of 61 knots on the 20th was the highest so far this year and the highest October gust for 8 years and the 2nd highest since 1987.

November

Cool, unsettled conditions saw the new month in, as deep low pressure over Scotland dragged cold Polar air down across the British Isles and nearby France with a rash of showers affecting the Bailiwick for the first 5 days. Initially fresh from the west, the winds veered more northerly and eased as high pressure out in the

North Atlantic nudged in from the west, but that lead to the showers becoming slow moving over the islands at times. On a more positive note, the airflow was particularly clear with excellent visibility outside of the showers. Night time air temperatures dipped to just 6.8°C early on the 5th with grass temperatures hovering just above freezing at the airport at just +1.0°C that same morning.

That high then started to slip southward through the 5th, effectively shutting off the flow of cold air feeding in from the north, instead introducing a slightly milder westerly run of more maritime origins. More unsettled weather rolled in over the top of this descending high bringing rain and wind to northern parts of the UK, with a weak warm front edging southward into the Channel for the small hours of the 6th, with a few spots of rain locally before daybreak. Further weak fronts crossed the UK during the day keeping our weather mostly cloudy, just with the odd spot of rain late afternoon before a band of more organised low cloud and drizzle overnight into the 7th.

The front responsible for that drizzle cleared to the southeast during the day with brighter conditions across the islands but the next weak front, this time a warm front, rolled gently in from the west late afternoon on the 8th. Cloud thickened and lowered that afternoon with rain, drizzle, mist and hill fog patches continuing through the evening, overnight and in to the morning of the 9th. Although that front was now clearing away to the northeast, we remained in a mild, damp southwesterly airflow with low cloud, patchy rain and drizzle and mist at times through the day.

High pressure previously stretching across Central Europe was by now declining away east, but the next high was looking to build in from the Azores with any frontal activity becoming slow moving and weak across the UK. Cloudier conditions prevailed through the 10th, but with excellent visibility, before that cloud broke up and edged northward overnight with the 11th dawning fine and clear. It was not to last however, as that Azores High started to retreat southwest, allowing an Atlantic low to sweep in to the west coast of Scotland with its' associated fronts bringing rain and wind to most parts of the UK through the 12th. Rain and drizzle together with fresh southwesterly winds during the morning of the 12th cleared to scattered showers that afternoon. A building ridge followed this clearance but extensive cloud within the circulation ensured sunshine was a rare commodity. This high continued to extend its' influence through the weekend, with just a few scattered light showers late on the 14th as a couple of weak, slow moving fronts draped themselves across the UK.

The 15th again saw similar conditions with high pressure out to northeast and southwest, with weak, slow moving fronts across the UK slowly dissipating, with cloudy but generally dry conditions across the Bailiwick. Those slow moving fronts arrived in the Channel late on the 16th with cloud thickening and lowering through the afternoon with outbreaks of rain and drizzle that evening. Somewhat brighter conditions arrived by dawn on the 17th, though with a scattering of showers that morning. A broad belt of high pressure stretching in from Biscay lead to a settled 24 hours or so although another weak front dropping in to the Channel late on the 18th gave rise to further patchy rain and drizzle that evening and overnight.

The 19th dawned cloudy with outbreaks of mostly light rain and drizzle throughout the day, but any clearer spells enjoyed excellent visibility and some rather interesting rainbows resulting from drizzle falling from low *Stratus* cloud. Extensive thin medium level *Alto cumulus* clouds covered the islands, with light southwest or variable winds.

As that high drifted slowly eastward into Central Europe, low pressure over Scandinavia coupled with a building high in the North Atlantic started to introduce increasingly colder air from more northern climes. Dawn on the 21st saw air temperatures down in single figures and a fresh northerly wind with a rash of residual showers from a clearing cold front a little earlier.



From the Shingle Bank at L'Eree a rainbow is seen in drizzle falling from low *Stratus* cloud at 300ft with extensive *Alto cumulus* cloud up at 11,000ft. Photo Credit: Wayne Branquet.

Through the afternoon of the 21st, showers began to build up in the southern half of the Channel as this newly introduced cold, dry air flowed down over a relatively warm sea. A few of these showers contained hail and with air temperatures falling to just 7°C by day's end, it certainly felt like winter had at last arrived.

As that North Atlantic high started to edge eastward for the 22nd, the very cold northerly flow down across Britain was effectively shut off, but conditions remained cloudy for the Bailiwick as our surface winds veered into the northeast. A narrow band of showers running down the Channel became established over the islands later that afternoon and continued until late afternoon the following day. That high pressure cell was now starting to return westward, allowing a more northerly flow to return across the country and with a developing low to the north of Scotland, cold air was once again affecting northern and central parts of the UK.

Light showers continued at times locally with mostly cloudy conditions, but the 25th dawned bright with excellent visibility although a cool northerly wind pegged air temperatures back to around 7°C through the day.

Rather unusually, a low pressure system was starting to develop over Iceland which was forecast to transfer southeast onto the North Sea and deepen, before taking a more southerly track down the east coast of the UK. Storm 'Arwen', the first named storm of the winter, started to make itself felt across Scotland early on the 26th with cold air bringing prolonged and heavy sleet and snow showers across northern parts of the UK. Strong winds also affected many areas with a 98mph gust recorded in Brizlee Wood in Northumberland as the storm tracked south.

Locally, our winds started to increase though the day with a scattering of showers and steadily falling air temperatures. By dawn on the 27th, 'Arwen' was off the east coast of Scotland with strong northerly winds across the islands. Air travel was disrupted due to strong crosswinds that morning, but flights resumed that afternoon in Guernsey, however Alderney's airport didn't manage any aircraft at all that day. Apart from a scattering of showers, we recorded very little rainfall in the islands considering the ferocity of the storm, and whilst it was unusually windy from the north we didn't quite note a full gale at Guernsey Airport, although Alderney did report gusts up to 60mph at times.

By dawn on the 28th our winds had eased but we remained in a cool airflow with excellent visibility through the day until a sprinkling of showers rolled in late evening, clearing by midnight. The winds fell light overnight in to the 29th and by dawn clearer skies saw air temperatures falling to 3.9°C and just 0.4°C on the grass. A more Atlantic based flow was by now spreading in from the west with a cloudy day in the islands but air

temperatures climbing steadily. A slow moving warm front arrived later that evening, displacing the last of that cooler air but bringing outbreaks of rain and drizzle to our shores for the first part of the night. The last day of autumn dawned cloudy but dry as mild Atlantic air covered the Channel with further outbreaks of rain and drizzle arriving later that morning, persisting through the afternoon and evening.

With only 38% of the average rainfall, this November became the 10th driest on record (since 1843) and the driest since 2011. It was, however, slightly duller than usual and marginally cooler than the long term average with more winds recorded from a northerly direction. Despite Storm 'Arwen' on the 27th we noted the lowest mean wind speed for November since records started at the airport in 1947. We also recorded just one day with any fog.

Autumn was drier, warmer and sunnier than average and with a mean temperature of 13.6°C, the 10th warmest on record. A very dry November and dry September offset a slightly wetter than average October to provide us with the driest autumn for 6 years and although sunshine was above average we have had sunnier autumns in recent years.

December

An unsettled start to the month with low pressure very much the driving force of much of Europe's weather, centred just off the east coast of Scotland tracking slowly east across the North Sea. Strong northwesterly winds and blustery showers, occasionally heavy and with hail mixed in, were the order of the day on the 1st as that low started to pull in cooler air from the north. By mid afternoon on the 2nd the winds had eased somewhat and veered more northerly but temperatures were falling away to just 5°C by evening.

High pressure over the Azores started to extend a ridge up from the southwest towards the end of the day with milder Atlantic air feeding in from the west to replace that cooler flow. Cloud and rain in association with Atlantic weather fronts spilled in overnight and by dawn on the 3rd the islands were covered in a thick blanket of low cloud with outbreaks of rain & drizzle, together with mist and hill fog patches. That rain turned heavier and more persistent through the afternoon before the cold front arrived in the small hours of the 3rd, with clearer and brighter but breezy conditions greeting the new day.

The next low pressure was already to the north of the UK, tracking southeast across the North Sea with a rash of blustery showers packing in across the country. Strong northwesterly winds ensured a rapid transit of these showers locally, but they started to merge together through the afternoon of the 4th to become frequent and heavy and lasting in to the evening. A temporary ridge nudged in from the south later on the 5th allowing those showers to become more isolated, but it was a short respite as another frontal system swept in overnight with rain, drizzle, mist and hill fog arriving in the islands just before dawn on the 6th. A clearance to showers followed around noon as the associated cold front cleared eastward, with a few brighter spells that afternoon.

Out in the mid Atlantic a further low pressure centre was about to deepen and sweep in to be lying off the west coast of Ireland by dawn on the 7th. Storm 'Barra' underwent explosive cyclogenesis in the 24 hours up to this point, with its central pressure dropping some 50mb to be just 957mb by noon with severe gales across Ireland and many western parts of the UK. Locally we experienced strengthening winds from the south during the morning with rain arriving around 0830hrs, becoming heavy for a time before clearing to showers early that afternoon. We didn't quite manage a full gale at the airport with a highest mean speed recorded of 31 knots at 1002hrs, gusting to 41 knots.

The storm moved only slowly across northern England with squally rain & hail showers locally until the early hours of the 9th, we even noted a brief thunderstorm in the small hours of the 8th.

Following the eventual departure of 'Barra' eastward, yet another low rolled in from the west with rain, drizzle, mist and fog through the afternoon of the 9th, again clearing to showers later that evening. The unsettled theme continued in to the 10th with more blustery rain and hail showers, cool air temperatures and strong northwesterly winds. Those showers became more isolated through the afternoon though, with the winds easing off as well. Overnight saw cloud thickening ahead of the next Atlantic warm front as yet another

deep low, this time centred just southwest of Iceland, swept in from the west with outbreaks of rain by noon on the 11th, mixing in with drizzle through the afternoon with mist and hill fog patches.

High pressure to the south was just starting to have an influence locally by now, ushering the worst of these frontal systems to the north, with a mild southwesterly flow becoming established across northern France and the Channel. High moisture levels associated with this air mass lead to mostly cloudy conditions with some mist or patchy drizzle at times, but the winds continued to moderate and temperatures stayed up just above the average.



Spectacular *Altocumulus* at 16,000ft with lower level *Cumulus* late afternoon on the 10th. Photo: Adam Heaume

This pattern continued for a few more days as we enjoyed a rather benign spell of weather, although sunshine levels were disappointing. Gradually though, that high to the south started to edge northward to centre over the UK by the 16th and as a result our winds backed in to the east and air temperatures fell away over the next few days, despite increased sunshine totals. This dry, settled anticyclonic pattern continued until late on the 19th when a slow moving cold front dropped down across the UK bringing cloudier conditions to our shores with patchy drizzle overnight in to the 20th.

Gradually though, that high displaced eastward to allow low pressure to move in from the near Atlantic bringing milder air together with outbreaks of rain, drizzle, mist and hill fog. The first of the rain arrived during the morning of the 23rd with air temperatures reaching double figures for the first time in 5 days as the whole country moved into a much more unsettled run of weather.

Christmas Eve and Christmas Day were both cloudy & mild with outbreaks of rain or drizzle and that afternoon sunshine on Boxing Day was the first glimpse of any brightness following 4 consecutive sunless days.

Low pressure out in the Atlantic continued to steer a conveyor belt of systems across Europe for the rest of the month, with a succession of mostly cloudy days with rain, drizzle, mist and fog clearing at times to showers. Temperatures held up nicely in this very mild flow with daily means through the last week of the month well above average in double figures, and the last 3 days of the month recording the highest maximum temperatures for those particular dates at the airport.

December was a very mixed month of weather with a cool, dry spell of 5 days from the 18th, a very mild final week, 7 days with hail noted, 2 days with lightning observed and a thunderstorm on the 8th. Overall the month was warmer, drier but duller than average though.

The year itself was exactly on the average with a mean temperature of 11.7°C and it was slightly drier than average with only 89.9% of the average rainfall with January's 188.4mm making up nearly a quarter of that total. Sunshine was marginally above average with a record breaking total of 285.4 hours in April being the sunniest month.

July 21st saw the highest air temperature of the year at 28.1°C and 11th February recording the lowest minimum temperature at -1.9°C. The wettest day of the year was October 2nd with 25.1mm.

An unusually warm September (8th warmest since records began in 1843) recorded a mean monthly temperature of 17.0°C, making it the 2nd warmest month of the year after July with 17.1°C.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2021	DIFFERENCE FROM AVERAGE	2021	PERCENTAGE OF AVERAGE	2021	PERCENTAGE OF AVERAGE
JAN	6.6	-0.6	188.4	204.8	55.1	88.0
FEB	7.0	+0.1	54.1	71.4	89.9	103.3
MAR	8.3	+0.3	26.5	41.9	143.1	105.8
APR	8.1	-1.6	8.4	15.5	285.4 *	142.2
MAY	11.3	-1.0	68.1	139.0	225.1	94.2
JUN	15.0	+0.2	57.2	119.4	202.8	82.5
JUL	17.1	+0.4	46.1	106.7	238.2	94.0
AUG	16.4	-0.7	27.0	47.7	204.7	90.3
SEP	17.0	+1.3	45.8	83.0	192.5	104.7
OCT	13.9	+0.7	109.5	111.8	161.4	134.4
NOV	10.0	-0.3	40.6	38.1	67.9	88.4
DEC	9.1	+1.0	101.5	85.1	50.1	85.9
YEAR	11.7	0.0	773.2	89.8	1916.2	101.4

* NEW RECORD

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2021	DATE	2021	AVERAGE 1991-2020	2021	AVERAGE 1991-2020
JAN	55.1	62.6	112.8	1998	26.0	1966	8.0	25th	20.5	23.2	10	9.8
FEB	89.9	87.0	150.5	2019	36.1	1976	10.0	26th & 28th	30.5	29.5	5	6.2
MAR	143.1	135.3	214.8	2009	67.4	1964	11.5	29th	38.9	36.8	1	5.6
APR	285.4 *	200.7	285.4	2021	122.2	1981	13.3	17th	69.8	49.1	0	2.2
MAY	225.1	238.9	336.4	1989	136.9	1981	14.1	31st	47.6	50.5	1	2.0
JUN	202.8	245.9	355.3	1975	147.8	1977	15.1	13th	42.1	51.1	1	1.3
JUL	238.2	253.3	340.5	2018	167.7	1972	14.8	16th	49.2	52.3	0	1.2
AUG	204.7	226.8	323.0	1955	139.2	1992	12.7	29th	46.2	51.2	1	1.4
SEP	192.5	183.9	266.5	1959	104.5	1956	11.7	6th	51.1	48.8	0	1.6
OCT	161.4	120.1	176.4	1971	72.6	1968	9.2	9th	48.7	36.2	2	4.7
NOV	67.9	76.8	123.6	2006	38.9	1981	8.0	11th	25.0	28.3	3	6.3
DEC	50.1	58.3	108.9	2001	26.6	1966	7.3	18th	19.6	22.9	9	9.8
YEAR	1916.2	1889.6	2262.8	1959	1532.5	1981	15.1	13-Jun	43.0	42.4	33	52.1

ATMOSPHERIC PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.		RECORD LOWEST	DATE & TIME G.M.T.	
JAN	1013.1	1017.6	1030.5	1992	1001.1	1948	1049.3	19/2020	2333	966.6	20/1965	1220
FEB	1014.1	1017.8	1032.1	1959	1000.6	2014	1047.5	7/1964	1050	952.5	25/1989	1050
MAR	1024.1	1017.2	1029.9	1953	1000.7	2018	1047.7	3/1990	0930	969.6	13/1951	1630
APR	1022.3	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947	0800	979.5	16/1998	1620
MAY	1012.4	1016.9	1025.3	1991	1007.6	1983	1039.8	01/2012	1045	981.3	5/2004	2350
JUN	1019.0	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959	0850	988.9	9/1954	1500
JUL	1016.0	1017.4	1023.5	1969	1013.9	1988	1034.5	12/1969	1150	986.6	3/1988	0845
AUG	1018.6	1017.0	1022.0	1981	1011.9	1963	1036.1	12/1949	0930	982.3	9/1948	0000
SEP	1018.9	1017.4	1024.2	1977	1009.9	1999	1037.3	22/1947	0700	974.7	13/1993	0630
OCT	1016.8	1015.0	1024.5	1971	1003.9	1960	1040.0	26/1969	2200	959.5	16/1987	0200
NOV	1020.0	1014.1	1026.2	1978	1001.5	2000	1041.9	2/2001	0850	963.2	9/2011	0300
DEC	1014.4	1016.3	1029.5	1991	1000.6	1978	1046.0	25/1991	0950	964.2	8/1954	1450
YEAR	1017.5	1016.7	1019.8	1949	1013.4	1960	1049.3	19/01/2020	1023	952.5	25/02/1989	1050

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS(≥1.0mm)	
	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2021	DATE	2021	AVERAGE 1991-2020	2021	AVERAGE 1991-2020
JAN	188.4	92.0	210.0	2001	15.4	1992	20.8	4th	27	19.1	24	14.1
FEB	54.1	75.8	182.8	1978	4.8	1965	13.8	2nd	14	16.5	11	12.0
MAR	26.5	63.3	179.6	2001	2.7	1961	7.3	12th	9	14.8	6	10.4
APR	8.4	54.0	130.4	1966	2.9	1980	4.7	9th	3	12.9	3	9.3
MAY	68.1	49.0	128.7	1994	4.1	1989	11.8	25th	18	11.3	14	8.2
JUN	57.2	47.9	129.7	1986	0.6	1976	13.1	20th	16	10.8	10	7.3
JUL	46.1	43.2	120.2	1960	3.9	1999	10.5	9th	11	10.8	8	7.2
AUG	27.0	56.6	122.0	1951	3.8	1955	13.0	7th	10	11.6	6	8.4
SEP	45.8	55.2	194.5	1952	6.9	1997	16.6	13th	9	11.9	6	8.5
OCT	109.5	97.9	233.9	1960	3.4	1978	25.1	2nd	14	17.8	12	13.6
NOV	40.6	106.7	234.5	2009	16.1	1978	9.8	2nd	18	19.5	11	15.6
DEC	101.5	119.3	249.6	1999	28.1	1953	16.3	3rd	18	19.5	13	16.3
YEAR	773.2	860.9	1317.0	1960	531.3	1989	25.1	02-Oct	167	176.5	124	130.9

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2021	AVERAGE 1991-2020	2021	DATE	RECORD HIGHEST	DATE	2021	AVERAGE 1991-2020	2021	DATE	RECORD LOWEST	DATE
JAN	8.5	9.0	11.4	28th	13.3	4/'48,9/'07	4.8	5.4	0.8	1st	-7.8	20/1963
FEB	8.9	8.8	13.3	24th	16.1	27/2019	5.0	4.9	-1.9	11th	-7.2	21/'48,7/'91
MAR	10.9	10.2	19.6 *	30th	19.6	30/2021	5.6	5.8	2.7	7th	-2.2	10,11/1958
APR	11.2	12.4	20.1	1st	24.5	11/2020	4.9	7.0	0.9	7th	-1.4	11/1986
MAY	14.1	15.1	21.2	31st	25.9	30/2003	8.4	9.4	4.5	1st	0.1	2/1979
JUN	17.9	17.7	22.9	14th	30.8	26/1976	12.1	11.8	9.5	26th	5.4	1/1975
JUL	19.9	19.6	28.1	21st	32.6	19/2016	14.3	13.8	11.6	11th	8.3	8/1954
AUG	18.9	19.9	22.5	14th	34.3	9/2003	13.9	14.2	12.4	11th	9.2	28/1986
SEP	19.9	18.2	27.5	7th	30.6	2/1961	14.1	13.1	9.8	30th	5.8	28/1974
OCT	16.3	15.3	18.8	19th	23.6	1/2011	11.5	11.1	8.9	22nd	3.5	28/2003
NOV	11.8	12.1	14.4	12th	18.0	1/2015	8.3	8.4	3.9	29th	-0.8	28/2010
DEC	10.9	9.9	13.5	30th & 31st	15.6	6/1953	7.2	6.3	3.1	22nd	-3.8	24/1963
YEAR	14.1	14.0	28.1	21-Jul	34.3	09/08/03	9.2	9.3	-1.9	11-Feb	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	6.6	7.2	9.0	2007	1.5	1963	3.7	3.6	4.7	1984	3.0	2005
FEB	7.0	6.9	9.0	1990	1.5	1986	3.9	3.9	4.8	2019	2.9	1993
MAR	8.3	8.0	10.3	1957	4.4	1962	5.3	4.4	6.4	1953	3.6	2006
APR	8.1	9.7	12.0	2020	6.4	1986	6.3	5.4	7.1	2011	4.2	1972&1978
MAY	11.3	12.3	13.9	1989	9.9	1984	5.7	5.7	7.3	1989	4.6	1981&1996
JUN	15.0	14.8	16.7	1976	11.3	1972	5.8	5.9	8.3	1976	4.1	1977
JUL	17.1	16.7	19.4	1983	13.8	1954	5.6	5.9	7.9	1983	4.4	1954&1998
AUG	16.4	17.1	19.3	2003	14.3	1956	5.0	5.6	7.3	1955&2003	4.3	1958
SEP	17.0	15.7	17.5	1949	12.8	1986	5.8	5.0	6.2	2003	3.6	1967
OCT	13.9	13.2	15.2	2001	9.6	1974	4.8	4.1	5.2	2018	3.1	2015
NOV	10.0	10.3	12.0	1994	7.7	1993	3.5	3.7	4.9	1969	2.8	1994
DEC	9.1	8.1	10.1	1953	4.4	2010	3.7	3.6	4.5	1968	2.1	2015
YEAR	11.7	11.7	12.4	2014	9.6	1963	4.9	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2021	DATE	RECORD LOWEST	DATE	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR
JAN	-4.9	8th	-10.0	29/1947	0	1.0	16	1963	12	6.2	20	1985
FEB	-2.8	11th	-11.1	12/1978	4	0.9	18	1986	9	7.4	24	1956
MAR	-3.4	9th	-9.4	3/1965	0	0.2	4	1947	6	6.1	18	1955
APR	-3.0	7th	-7.0	5/1990	0	0.0	1	1978,86	10 *	3.9	10	1956,73,84,2021
MAY	-1.8	2nd	-5.6	5/1979	0	0.0	--		4	0.9	9	1979
JUN	4.9	5th	-3.0	14/1987	0	0.0	--		0	0.1	3	1987,89
JUL	9.8	2nd	1.0	7/1996	0	0.0	--		0	0.0	--	
AUG	5.4	27th	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	4.0	30th	-1.0	23/1979	0	0.0	--		0	0.0	1	1979,86,87
OCT	3.1	22nd	-4.0	30/1983	0	0.0	--		0	0.7	6	1992
NOV	0.4	29th	-5.6	29/1987	0	0.1	2	2010	0	2.5	9	1988
DEC	-2.7	3rd	-8.9	29/1964,27/1995	0	0.5	5	1970	2	5.8	13	2010
YEAR	-4.9	08-Jan	-11.1	12/02/1978	4	4.5	31	1963	43	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH										
MONTH	FOG					THUNDER				
	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR
JAN	12	5.8	13	1955,82	1	2019	0	0.5	4	1979,98
FEB	6	7.1	15	1979	0	1969	0	0.5	3	1957,89
MAR	4	8.1	16	1960,94	0	1968,73	0	0.4	4	1958,67,82,87,95
APR	0 *	6.7	16	1963	0	2012,2021	0	0.6	4	1981,95
MAY	2 *	8.2	19	1964	2	1988,2002,'21	0	0.9	4	1950,71
JUN	14	9.3	18	1965,2016	1	1975	0	1.1	6	1982
JUL	13	10.3	20	1972,78	3	2008	2	0.9	5	1982,94
AUG	7	8.9	21	1997	2	1976	0	1.4	5	1974
SEP	7	4.9	15	1987	0	1952,53,72,2015	1	0.8	10	1976
OCT	5	3.9	17	1986	0	—	1	1.2	5	1964
NOV	1	3.1	14	1992	0	—	0	0.9	4	1969
DEC	10	4.9	11	1995	0	1947,64,75	1	0.9	4	1976,93
YEAR	81	81.2	115	1994	52	2008	5	10.1	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	6	2.0	12	1963,85	11	4.8	13	1984,85	0	1955,64,70,92,93
FEB	6	3.0	18	1956	4	5.5	18	2014	0	—
MAR	0	1.4	10	1962,70	5	3.4	10	2008	0	—
APR	1	0.4	4	1970	2	2.2	10	1994	0	—
MAY	0	0.0	3	1979	2	0.4	3	1955,82	0	—
JUN	0	0.0	—		0	0.1	1	1986,87,2016	0	—
JUL	0	0.0	—		1	0.1	1	1971,87,94 2014,21	0	—
AUG	0	0.0	—		0	0.0	1	—	0	—
SEP	0	0.0	—		0	0.1	2	1973,74,84	0	—
OCT	0	0.0	—		0	1.3	7	1992	0	—
NOV	0	0.4	6	2010	4	3.6	11	2000	0	1948,55,83,94,95
DEC	0	1.3	10	2010	7	5.1	13	2009	0	1964,68,75,2016
YEAR	13	8.5	33	2010	36	26.5	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2021	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2021	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	27	31	1948	4	1992	24	28	1948	3	1992
FEB	14	26	1970,95	2	1959	11	23	1951	1	1965
MAR	9	27	1979	3	1961	6	21	1947	1	1961
APR	3	21	1983	2	2011	3	18	1966	1	1976,'80,'11
MAY	18	26	1981	2	1989	14	19	1981	1	1989
JUN	16	21	1991	3	1975,76	10	14	1987,91	0	1976
JUL	11	20	1960,07	3	1999	8	15	1950,07	1	1999
AUG	10	21	1963	1	1976	6	18	1992	1	1955,76
SEP	9	23	1950,52	4	1959,97	6	21	1950	2	1959,97
OCT	14	28	1981	5	1965,78	12	24	1981	1	1978
NOV	18	28	2009	8	1978	11	26	2009	5	1988
DEC	18	28	1993	8	1991	13	26	1959	5	1991
YEAR	167	212	1960	138	1971	124	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2021	AVERAGE 1991-2020	2021	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2021	DATE	RECORD HIGHEST	DATE
JAN	11.4	13.4	0	1.6	11	1984	56	20th	77	25/1990
FEB	12.5	12.6	0	0.8	10	1990	35	9th	69	9/1988,11/1990
MAR	10.6	11.7	1	0.6	6	1980	51	11th	70	10/1982
APR	9.1	10.6	0	0.1	2	1964,72,83,94	40	25th	60	9/1994
MAY	12.0	10.4	0	0.2	2	2007	46	23rd	58	19/1996
JUN	7.1	9.9	0	0.0	0	—	29	21st & 22nd	51	16/1965
JUL	9.5	9.8	0	0.0	1	1956,69	46	6th	63	31/1983
AUG	9.4	9.3	0	0.0	1	1956,61,86	33	7th	52	26/1986
SEP	8.7	10.3	0	0.0	2	1953,65,74,83	45	27th	60	29/1962
OCT	11.3	11.7	2	0.7	4	1967,76	61	20th	81	16/1987
NOV	9.3	12.7	0	0.8	8	1977	47	27th	73	23/1984,20/2016
DEC	13.8	13.6	0	1.6	9	1979	45	10th	83	15/1979
YEAR	10.4	11.3	3	6.4	20	1972	61	20-Oct	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

2021 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	-	-	-	-	-	-	-	-	-	-	-	-	4.2
	4-10	knots	6.5	7.3	6.6	3.6	0.8	1.7	0.7	1.5	3.1	4.0	4.2	2.2	42.1
	11-21	knots	1.1	3.6	2.8	0.1	0	1.3	5.9	7.3	7.3	10.9	5.8	3.6	49.7
	22-33	knots	0	0	0	0	0	0	0.1	0.1	0.5	3.2	0	0	4.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		7.5	10.9	9.4	3.8	0.8	3.1	6.7	8.9	10.9	18.1	9.9	5.8	
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10	knots	3.1	6.1	4.2	1.0	0.4	3.0	4.2	2.1	1.3	1.3	3.1	3.1	33.0
	11-21	knots	0	1.9	5.4	7.3	5.8	8.5	18.6	8.5	4.2	1.8	0.3	0.1	62.4
	22-33	knots	0	0	0	0.1	0.1	0.4	0	0	0	0	0	0	0.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		3.1	8.0	9.5	8.5	6.4	11.9	22.8	10.6	5.5	3.1	3.4	3.3	
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10	knots	6.0	7.1	6.5	4.4	2.8	5.2	5.1	5.0	2.4	1.9	3.6	5.5	55.6
	11-21	knots	0.4	0.8	4.0	1.6	0.5	1.5	2.8	6.5	3.8	6.9	6.5	0.7	35.9
	22-33	knots	0	0	0	0	0	0	0	0.1	2.3	2.3	0	0	4.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		6.5	7.9	10.5	6.0	3.4	6.7	7.9	11.6	8.5	11.0	10.1	6.2	
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.8
	4-10	knots	6.3	13.2	15.3	3.8	4.0	1.4	0.3	0.1	0.6	2.6	3.9	5.6	56.9
	11-21	knots	1.7	1.0	22.4	3.9	0	0.4	0	0	0.3	1.1	1.3	1.9	33.9
	22-33	knots	0	0	1.4	0	0	0	0	0	0	0	0	0	1.4
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		7.9	14.2	39.0	7.6	4.0	1.8	0.3	0.1	0.8	3.8	5.1	7.5	
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.4
	4-10	knots	1.2	1.1	7.9	2.8	1.6	2.8	2.2	3.1	4.7	6.3	2.4	3.2	39.4
	11-21	knots	0	0	2.0	0.3	0.8	1.2	5.4	8.5	7.9	16.3	7.4	0.1	49.9
	22-33	knots	0	0	0	0	0	0	0	0.5	5.2	0.5	0	0	6.3
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.2	1.1	9.9	3.1	2.4	4.0	7.5	12.1	17.9	23.1	9.8	3.4	
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	8.3
	4-10	knots	11.8	5.0	8.1	4.3	3.6	2.1	2.2	2.9	6.8	11.5	11.1	11.1	80.6
	11-21	knots	1.3	3.8	2.1	0.8	0.1	0.3	0.3	0.1	0.1	1.7	0.1	0.4	11.1
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		13.1	8.8	10.1	5.1	3.8	2.4	2.5	3.1	6.9	13.2	11.3	11.5	
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.7
	4-10	knots	2.7	5.0	8.3	5.8	3.1	4.7	4.0	5.1	7.0	6.7	5.5	6.7	64.7
	11-21	knots	0	0	3.6	1.3	0.3	0.5	0.7	0.9	14.2	7.4	1.2	0.4	30.6
	22-33	knots	0	0	0	0	0	0	0.1	0.3	1.1	0.5	0	0	2.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.7	5.0	12.0	7.1	3.4	5.2	4.8	6.3	22.3	14.7	6.7	7.1	
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.3
	4-10	knots	2.4	9.8	11.8	0.8	1.3	0.9	3.8	7.4	5.9	11.4	5.2	2.3	63.2
	11-21	knots	0	0.4	5.6	0	0	0.1	1.1	1.6	14.4	7.0	3.8	0.5	34.5
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.4	10.2	17.5	0.8	1.3	1.1	4.8	9.0	20.3	18.4	9.0	2.8	
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.4
	4-10	knots	6.0	2.9	11.1	6.3	4.6	4.6	4.4	2.4	3.6	8.3	4.6	4.2	62.9
	11-21	knots	0.6	0	8.3	2.5	0.3	0	2.1	5.3	4.3	3.3	4.4	0.4	31.5
	22-33	knots	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		6.5	2.9	19.4	8.8	4.9	4.6	6.7	7.6	7.9	11.7	9.0	4.6	
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.4
	4-10	knots	3.8	6.7	2.4	2.4	1.9	2.8	5.1	3.1	2.4	2.3	4.0	4.7	41.7
	11-21	knots	0.5	0	0	0	0	0.5	15.1	9.8	10.6	6.0	4.4	0.1	47.2
	22-33	knots	0	0	0	0	0	0	1.2	0.8	3.0	0.1	0.5	0	5.6
	≥34	knots	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1
	DIRECTION ONLY		4.3	6.7	2.4	2.4	1.9	3.4	21.4	13.7	16.0	8.6	9.0	4.8	
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	11.4
	4-10	knots	11.3	9.4	1.3	0.6	1.4	0.8	3.5	1.3	3.3	6.3	6.7	6.1	51.8
	11-21	knots	6.8	4.9	2.8	0.1	0	0.6	0.3	1.1	3.8	6.4	4.3	2.5	33.5
	22-33	knots	1.5	0	0	0	0	0	0	0	1.0	0	0.1	0.7	3.3
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		19.6	14.3	4.0	0.7	1.4	1.4	3.8	2.4	8.1	12.6	11.1	9.3	
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	0.4
	4-10	knots	0.8	0	0.3	0.5	1.5	2.4	6.2	4.6	2.4	1.7	1.1	1.3	22.8
	11-21	knots	1.6	0	4.6	9.7	3.8	5.0	8.7	8.7	8.6	4.4	9.8	5.6	70.6
	22-33	knots	0	0	0	0	0	0.1	0.5	0	2.0	2.6	0.9	0	6.2
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.4	0	4.8	10.2	5.2	7.5	15.5	13.3	13.0	8.7	11.8	7.0	
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.0
	4-10	knots	5.1	6.1	7.0	3.0	2.3	2.7	3.5	3.2	3.7	5.4	4.6	4.7	51.2
	11-21	knots	1.2	1.3	5.3	2.3	0.9	1.6	5.0	4.9	6.7	6.2	4.2	1.4	40.9
	22-33	knots	0.1		0.1				0.2	0.2	1.3	0.8	0.1		2.9
	≥34	knots													
	DIRECTION ONLY		7.0	8.1	13.0	5.6	3.3	4.5	8.9	8.5	12.1	12.9	9.4	6.7	

GUERNSEY AIRPORT MET OFFICE 2021

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1		1.5					6.5			0.5			
2		0.5				0.5							
3							2.0					1.0	
4							2.0						
5								0.5	5.5				
6						1.0						0.5	
7							0.5			5.0			
8									3.5		0.5		
9						0.5						3.5	
10						9.5	2.5	2.5					
11						8.5	0.5					1.0	
12	1.5					1.0	2.5						
13													
14	1.0								0.5				
15		1.0						2.0					
16	1.0	1.0	7.5										
17													
18	0.5					3.0				5.5			
19	0.5							1.0					
20													
21								0.5					
22													
23												3.0	
24						1.5							
25						3.0	0.5						
26	0.5						1.0						
27	16.0				0.5								
28	4.5												
29						3.0						8.0	
30	2.0												
31	4.0									0.5			
Tot Hrs	31.5	4.0	7.5	0.0	0.5	31.5	18.0	6.5	9.5	11.5	0.5	17.0	138.0
Tot Days	10	4	1	0	1	10	9	5	3	4	1	6	54

30 Year Averages (1991-2020)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	17.3	20.4	27.2	17.2	20.9	20.9	24.4	18.5	9.1	6.6	7.4	9.1	198.9
Days	4.3	4.8	6.9	5.2	6.3	6.9	7.8	6.8	3.4	3.0	2.4	3.5	61.1

GUERNSEY AIRPORT MET OFFICE 2021

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1		1.5					5.5						
2													
3							1.5						
4													
5									5.5				
6						0.5							
7										3.5			
8									2.0				
9												0.5	
10						6.0	1.5	1.0					
11						5.5	0.5					0.5	
12							0.5						
13													
14													
15								2.0					
16	0.5	1.0	6.5										
17													
18						2.5				4.5			
19								0.5					
20													
21													
22													
23												0.5	
24						1.5							
25						2.0							
26							1.0						
27	12.0				0.5								
28	1.5												
29						1.0						4.5	
30													
31	1.0												
Tot Hrs	15.0	2.5	6.5	0.0	0.5	19.0	10.5	3.5	7.5	8.0	0.0	6.0	79.0
Tot Days	4	2	1	0	1	7	6	3	2	2	0	4	32

30 Year Averages (1991-2020)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	10.2	11.3	15.0	8.9	11.1	11.3	11.9	9.1	4.5	2.5	3.0	3.8	102.7
Days	2.8	2.9	4.3	3.0	4.0	4.4	4.9	4.4	2.0	1.3	1.2	1.6	36.8

REPORT FOR LIHOU 2021

2021 MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	9.0	11.5	28th	6.3	2.2	3rd	N/A	N/A	
FEB	9.4	13.5	24th	6.3	-0.5	11th	N/A	N/A	
MAR	11.2	21.7	30th	7.2	4.3	7th	N/A	N/A	
APR	10.8	15.8	23rd	6.6	4.5	8th	N/A	N/A	
MAY	13.4	16.3	31st	9.5	6.8	1st	N/A	N/A	
JUN	16.6	20.4	2nd	12.7	11.2	22nd	54.5	9.4	21st
JUL	N/A								
AUG	N/A								
SEP	N/A								
OCT	N/A								
NOV	N/A								
DEC	N/A								
YEAR		21.7			-0.5				

Notes: Rainfall Recorder u/s to end of May
Data recorder u/s from July.

REPORT FOR SARK 2021

2021	TEMPERATURE °C								RAINFALL mm				SUNSHINE 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	SUNNIEST DAY	DATE
JAN	8.8	10.7	12.9	22nd	4.9	6.9	1.7	31st	171.2	107.7	28.2	20th	47.0	54.8	5.3	1st
FEB	9.5	9.4	13.9	24th	4.6	5.2	-1.9	10th & 11th	47.7	80.7	9.7	1st	84.4	95.5	9.4	28th
MAR	11.4	11.0	19.7	30th	6.3	6.1	3.3	7th	31.5	62.7	8.4	10th	149.8	149.3	10.7	29th
APR	12.5	14.0	15.6	1st	6.3	7.6	2.2	6th & 7th	11.6	44.4	9.5	10th	281.1	228.3	13.1	23rd & 26th
MAY	15.0	15.9	19.7	31st	9.0	9.5	6.7	22nd	70.5	39.2	14.3	25th	246.1	259.6	13.8	31st
JUN	18.9	18.6	25.2	14th	12.1	12.0	10.1	4th & 23rd	50.4	47.3	12.6	26th	184.6	243.7	14.3	1st
JUL	20.6	21.2	29.2	21st	14.4	13.8	11.6	1st	64.4	38.6	21.7	24th	234.6	282.2	13.8	19th,20th,21st
AUG	20.1	21.1	23.4	4th	14.4	14.3	13.2	10th	35.5	56.4	14.4	7th	215.2	238.9	12.7	28th
SEP	20.9	19.5	27.5	7th	14.4	13.5	11.0	29th	53.2	54.5	21.0	13th	195.0	189.5	11.1	7th
OCT	17.0	16.1	20.7	8th	11.9	11.5	8.1	31st	137.9	106.0	33.3	2nd	150.9	123.1	8.0	14th
NOV	12.3	12.8	14.9	13th & 19th	8.6	8.8	4.0	26th	45.6	106.0	9.5	2nd	56.1	69.3	6.7	11th
DEC	10.9	11.0	14.1	30th & 31st	7.4	7.2	2.9	22nd	119.1	134.6	17.0	3rd	41.5	46.6	5.7	4th & 18th
YEAR	14.8	15.1	29.2	21-Jul	9.5	9.7	-1.9	10th & 11th Feb	838.6	878.1	33.3	02-Oct	1886.3	1980.8	14.3	1-Jun

Note: 10 year average is 2011-2020

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2021

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	1012.0	6.6	0.8	3.7	-4.2	6.6	9.9	040	04	5.1	17	1.9	4.3	Hoar frost, isol hail shrws am. Rain/hail shrws eve					
Sat	2	1017.6	6.7	3.5	5.1	-1.2	6.6	9.8	360	09	7.8	20	6.8	0.5	Cldy with rain/hail shrws early am & evening					
Sun	3	1014.6	6.6	0.9	3.8	0.0	6.5	9.6	030	10	8.0	21	10.2	0.5	Cldy with rain shrws, occn with hail & sleet am					
Mon	4	1016.5	5.7	2.3	4.0	-0.6	6.5	9.4	030	13	11.3	30	20.8	NIL	Cldy with rain/sleet shrws bec rain, hvy & persistent					
Tue	5	1018.4	5.6	3.4	4.5	1.3	6.3	9.3	030	11	11.6	28	16.4	0.4	Early rain clrng to sct rain/sleet/hail showers					
Wed	6	1018.7	6.3	2.5	4.4	1.9	6.2	9.1	080	04	5.2	16	13.0	1.3	Cloudy, scattered rain/hail showers					
Thu	7	1019.5	5.6	1.9	3.8	-1.1	6.0	8.9	040	04	3.7	15	7.5	5.7	Isolated wintry showers early becoming fine					
Fri	8	1017.3	6.5	1.8	4.2	-4.9	5.3	8.8	230	06	5.1	15	4.2	1.5	Cldy with rain/hail shrws am, fair pm					
Sat	9	1024.5	6.6	2.2	4.4	-3.7	5.1	8.6	070	04	5.0	12	NIL	6.5	Fine with hoar frost am & eve					
Sun	10	1027.9	6.1	2.1	4.1	-4.6	4.8	8.4	350	07	5.1	13	NIL	2.0	Fair with early hoar frost bec cloudy					
Mon	11	1024.2	9.1	6.1	7.6	4.1	5.4	8.2	260	11	14.1	36	0.4	NIL	Cloudy with scattered showers					
Tue	12	1017.3	10.4	8.1	9.3	6.4	6.5	8.2	280	23	19.3	35	0.8	NIL	Overcast with rain, drizzle mist and some hill fog pm					
Wed	13	1023.7	10.1	8.9	9.5	8.1	7.5	8.2	290	18	15.8	29	1.1	0.2	Cloudy with drizzle or rain					
Thu	14	1018.2	10.5	8.0	9.3	7.9	8.0	8.3	280	18	17.7	31	TR	0.1	Cloudy. Drizzle and fog patches clrng by noon					
Fri	15	1029.7	8.4	2.4	5.4	3.9	7.7	8.5	020	08	7.2	22	3.1	1.8	Fair to fine pm otherwise cloudy. Brief ground frost late pm					
Sat	16	1020.7	10.2	5.0	7.6	-2.0	7.2	8.6	200	18	13.7	30	2.5	NIL	Rain, drizzle, mist & hill fog, clearing by noon. Occn fair pm					
Sun	17	1026.9	8.9	5.8	7.4	3.6	7.4	8.6	330	14	9.1	24	0.5	5.3	Fair or fine					
Mon	18	1026.7	9.2	4.8	7.0	0.4	7.0	8.6	220	07	11.5	27	4.5	0.3	Mainly cldy. Shrws early, rain drizzle and fog patches by eve					
Tue	19	1012.3	11.0	9.0	10.0	7.4	7.7	8.7	230	20	18.0	33	1.2	0.2	Cloudy. Drizzle & fog early am. Rain eve					
Wed	20	992.8	10.4	9.4	9.9	8.8	8.2	8.7	190	17	20.1	56	1.3	0.1	Light intermittent rain & drizzle, clearing late eve					
Thu	21	992.3	10.2	4.7	7.5	4.2	8.1	8.8	230	21	12.5	33	11.5	NIL	Cldy with occn shrws, bec rain, hvy at times pm & eve					
Fri	22	995.0	8.6	4.4	6.5	-1.0	7.3	8.9	280	04	9.8	28	16.9	3.8	Fair to fine with scattered rain/hail showers					
Sat	23	994.1	7.0	1.2	4.1	0.0	6.8	8.8	020	08	7.8	23	5.9	5.8	Heavy rain, occn sleet early am, clrng to fine					
Sun	24	997.9	7.5	2.4	5.0	-3.6	6.2	8.7	280	16	15.2	40	3.0	3.4	Early frost. Rain clrng to fair with frqnt rain/hail shrws					
Mon	25	1011.4	6.6	2.4	4.5	-0.9	5.9	8.6	360	07	8.0	27	TR	8.0	Fine with hoar frost eve					
Tue	26	1019.2	8.4	2.0	5.2	-3.6	5.7	8.4	180	14	14.3	30	2.6	NIL	O/cast. Lt rain am. Drz, occ hvy rain, mist late pm/eve. Fog late eve					
Wed	27	1015.1	10.7	8.4	9.6	6.7	6.6	8.3	260	12	12.4	24	15.0	NIL	Overcast rain/drizzle and extensive fog					
Thu	28	1007.9	11.4	10.5	11.0	10.1	7.9	8.2	250	19	18.7	38	8.0	NIL	Overcast rain/drizzle, fog, rain eve occn hvy clrng late					
Fri	29	1004.3	10.8	8.2	9.5	7.1	8.5	8.3	270	25	18.6	40	14.1	3.4	Shwrs until dawn. Cldy occn fair pm. Rain arriving late eve					
Sat	30	991.2	10.4	9.1	9.8	6.6	8.6	8.5	170	10	12.6	30	6.0	NIL	Overcast with rain, drz, mist & patchy hill fog					
Sun	31	999.5	10.0	6.2	8.1	6.0	8.5	8.6	120	06	9.4	25	9.2	NIL	Overcast. Rain, drz & mist am. Hvy rain & fog pm, clrng eve					
MEAN		1013.1	8.5	4.8	6.6	2.0	6.9	8.7	W	11.9	11.4	TOTAL	188.4	55.1						
30 YEAR AVG		1017.6	9.0	5.4	7.2	3.1	7.3	8.6	SW	13.2	13.4	////	92.0	62.6						
1991-2020																				
Diff from prev Av		-0.3mb	+0.3°C	+0.4°C	+0.3°C	+0.3°C	+0.4°C	+0.4°C	SW	-0.8Kt	-0.8Kt		-0.5mm	+1.6hrs						
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																	
		27	24	6	11	0	0	0	12	12	1	0	10							
RECORDS FROM JANUARY 1947														RAINFALL		188.4 mm	SUNSHINE		55.1 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		27	SUNLESS DAYS		10
DAY/YEAR		11th/2001	YEAR		1992	DAY/YEAR		20th/1963	YEAR		2007	YEAR		1998	WET DAYS		24			
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 2021

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
Mon	1	995.3	9.6	7.3	8.5	6.8	8.4	8.7	060	06	6.5	24	10.5	NIL	Cldy, ptchy ra/drz & fog ptches. Hvy rain late eve			
Tue	2	998.6	12.3	8.9	10.6	8.5	8.9	8.8	230	13	16.7	31	13.8	2.7	Drz, mist & fog ptches am. Clrng to fair with occ showers pm			
Wed	3	993.8	10.5	7.4	9.0	7.3	9.2	8.9	310	11	10.8	24	1.1	2.2	Cldy, rain, mist, fog early am. High cloud pm, bec fine eve			
Thu	4	1007.9	11.3	7.5	9.4	4.2	8.8	9.0	180	10	10.3	20	4.5	2.7	Cldy with early fog patches & rain. Occn fair with shwrs pm & eve			
Fri	5	1009.8	10.5	5.7	8.1	0.5	8.7	9.1	210	10	7.7	21	0.3	8.5	Fair with early shwr bec fine. Cldy eve with shwrs			
Sat	6	1008.0	8.7	3.4	6.1	-2.5	8.1	9.1	320	02	3.0	09	0.6	5.1	Fine, slight hoar frost early, isol showers late eve			
Sun	7	1004.4	5.8	2.5	4.2	-0.9	7.5	9.1	040	10	9.9	25	TR	1.3	Cloudy with occ showers. Sleet showers eve			
Mon	8	1000.9	2.6	0.6	1.6	0.5	6.8	8.9	030	10	9.6	22	3.0	NIL	Cldy with shwrs of snow pellets or snow			
Tue	9	1003.0	2.4	-0.7	0.9	-0.4	6.0	8.8	100	19	16.8	35	TR	NIL	Cloudy. Snow pellets & sleet am. Slt snow late eve			
Wed	10	1010.1	3.3	-0.3	1.5	-0.7	5.3	8.6	070	18	16.4	32	NIL	5.0	Isol light snow shower early, cloudy became fair for a time			
Thu	11	1021.1	1.8	-1.9	0.0	-2.8	4.9	8.4	110	22	20.2	35	TR	NIL	Cloudy, occ dry air			
Fri	12	1022.5	4.0	0.0	2.0	-0.2	4.5	8.2	100	21	18.2	32	TR	4.9	Slight snow flurries ovnt, cloudy soon clearing to fine. Dry air			
Sat	13	1027.5	2.9	-0.7	1.1	-2.0	4.4	8.0	130	17	18.2	29	0.1	0.2	Cldy with snow pellets & freezing rain am, rain late pm & eve			
Sun	14	1024.2	7.9	1.6	4.8	1.0	4.6	7.7	160	19	18.9	31	2.4	NIL	Cloudy with patchy rain			
Mon	15	1020.2	10.9	7.5	9.2	4.9	5.6	7.6	200	11	13.7	27	4.7	0.5	Cldy with rain & drz and occn hill fog. Occn fair pm			
Tue	16	1011.3	10.7	8.9	9.8	7.0	6.9	7.5	200	12	14.6	26	3.2	1.4	Cldy with rain & fog, soon clearing to fair with showers pm			
Wed	17	1012.7	11.4	8.6	10.0	6.1	7.3	7.6	190	15	15.5	28	2.8	0.2	Cldy with occn rain am & early pm			
Thu	18	1002.4	10.2	7.0	8.6	6.2	7.6	7.8	280	14	14.8	30	TR	6.3	Rain cleared by mid-morning, became fine			
Fri	19	1008.2	11.3	7.1	9.2	3.9	7.5	7.9	170	18	16.6	29	TR	0.1	Cloudy with occasional light rain pm			
Sat	20	1001.1	12.6	9.5	11.1	7.9	7.9	8.0	150	18	15.2	28	3.5	0.4	Cloudy with occn light rain			
Sun	21	1007.5	11.3	9.1	10.2	7.1	8.3	8.2	140	08	8.5	17	3.2	1.7	Rain clearing am to cldy occn fair			
Mon	22	1014.4	10.6	5.3	8.0	7.2	8.7	8.2	320	09	7.1	17	0.1	5.5	Rain until mid-morning, became fine pm			
Tue	23	1024.1	12.3	6.7	9.5	1.2	8.4	8.4	170	19	16.6	28	NIL	7.6	Cloudy until dawn. Became fine before cloud returned pm			
Wed	24	1024.3	13.3	9.6	11.5	7.9	8.8	8.5	170	12	12.7	26	0.3	3.5	Mostly cloudy, some sunny periods			
Thu	25	1027.8	11.4	7.2	9.3	7.1	9.3	8.7	320	07	7.5	17	TR	0.2	Cloudy with light rain am, clearing to fair pm, fine eve			
Fri	26	1037.9	10.2	4.0	7.1	-0.4	8.6	8.8	030	03	5.3	11	NIL	10.0	Fine			
Sat	27	1041.1	11.0	2.9	7.0	-1.8	7.9	8.9	050	03	7.0	23	NIL	9.9	Fine with early morning hoar frost			
Sun	28	1034.8	9.5	5.3	7.4	2.9	7.9	8.8	070	11	12.8	28	NIL	10.0	Fine occ fair, haze early morning			
MEAN		1014.1	8.9	5.0	7.0	3.1	7.4	8.4	S	12.4	12.5	TOTAL	54.1	89.9				
30 YEAR AVG 1991-2020		1017.8	8.8	4.9	6.9	2.5	7.0	8.0	SW	12.5	12.6	////	75.8	87.0				
Diff from prev Av		-0.2mb	+0.4°C	+0.3°C	+0.4°C	+0.3°C	+0.4°C	+0.4°C	SW	-0.5Kt	-0.5Kt		+5.6mm	+1.4hrs				
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	6	4	0	0	4	9	6	1	0	5					
RECORDS FROM JANUARY 1947															RAINFALL	242.5 mm	SUNSHINE	145.0 hrs
WETTEST DAY		59.0mm	DRIEST MONTH		4.8mm	LOWEST MIN		-7.2°C	WARMEST MNTH		9.0°C	SUNNIEST MNTH		150.5	RAIN DAYS	41	SUNLESS DAYS	15
DAY/YEAR		18th/1978	YEAR		1965	DAY/YEAR		21st/48,7th/91	YEAR		1990	YEAR		2019	WET DAYS	35		
WETTEST MNTH		182.8mm	HIGHEST MAX		16.1°C	LOWEST GRASS		-11.1°C	COLDEST MNTH		1.5°C	DULLEST MNTH		36.1hrs				
YEAR		1978	DAY/YEAR		27th/2019	DAY/YEAR		12th/1978	YEAR		1986	YEAR		1976				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2021

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			at 9a.m.	MAX	MIN		MEAN	MIN		30cm	100cm	9a.m.				9a.m.	MEAN	MAX
Mon	1	1028.1	11.0	4.6	7.8	0.8	7.8	8.8	100	10	9.1	18	NIL	9.9	Fine after early haze			
Tue	2	1026.6	11.1	5.6	8.4	2.1	7.9	8.8	070	08	9.0	19	2.3	6.0	Fine with haze became cloudy during afternoon			
Wed	3	1027.5	11.0	8.1	9.6	5.8	8.4	8.8	180	16	7.7	16	0.1	1.4	Cldy with isol shwrs early am & pm. Mist patches/fog late			
Thu	4	1024.2	9.7	6.3	8.0	5.2	8.8	8.8	330	06	8.0	20	TR	0.6	Cloudy with mist or haze. Drz early pm			
Fri	5	1029.0	7.3	4.6	6.0	4.2	8.4	8.8	050	08	11.0	26	0.1	1.2	Cldy with sct lt rain and hail showers. Dry air			
Sat	6	1032.8	7.4	3.1	5.3	0.4	7.6	8.9	060	11	11.0	22	NIL	9.3	Cloudy became fine			
Sun	7	1027.4	5.7	2.7	4.2	-0.1	7.3	8.9	030	08	7.0	17	NIL	0.9	Cloudy by dawn			
Mon	8	1025.6	7.2	3.0	5.1	0.5	7.3	8.8	040	03	4.3	12	NIL	1.6	Cloudy becoming fine by late eve			
Tue	9	1023.8	9.0	2.8	5.9	-3.4	6.7	8.7	030	06	6.7	20	1.4	8.3	Early hoar frost, fine with high cloud encroaching late pm			
Wed	10	1013.6	10.6	6.0	8.3	1.8	7.3	8.6	190	18	17.7	34	6.0	NIL	Cldy with rain from dawn to mid pm. Drz eve			
Thu	11	1003.6	11.0	5.4	8.2	5.9	8.0	8.5	260	23	23.6	51	4.1	6.8	Sct shwrs, occn hvy with hail. Gales 0120-0135 & 0525-0530			
Fri	12	1009.0	9.8	6.4	8.1	3.9	7.9	8.5	250	22	20.5	41	7.3	0.7	Cldy with squally shwrs, occn hvy with hail. Rain by eve			
Sat	13	1003.2	9.5	4.3	6.9	2.9	8.0	8.6	290	20	22.2	46	0.7	4.9	Fair with sct shwrs, occn with hail. Lightning @ 0010			
Sun	14	1020.0	10.6	6.7	8.7	3.4	7.8	8.6	300	14	16.5	29	TR	5.7	Cldy bec fair or fine. Cldy pm with lt rain eve			
Mon	15	1023.9	11.7	8.5	10.1	6.7	8.4	8.6	310	14	13.1	26	TR(fog)	5.7	Cloudy occn fair pm			
Tue	16	1030.8	11.1	7.8	9.5	5.6	8.9	8.7	290	10	10.5	23	0.3	3.5	Thick fog am with rain @ noon, bec fine pm			
Wed	17	1035.3	10.3	5.5	7.9	0.5	9.0	8.8	350	04	6.0	16	NIL	4.3	Fine early am bec cloudy, clrng eve			
Thu	18	1032.2	10.2	5.0	7.6	-0.5	8.5	8.9	350	09	7.9	18	TR	3.1	Bec cloudy am with occ light rain			
Fri	19	1025.8	9.2	5.3	7.3	6.4	8.9	9.0	030	13	11.1	27	TR	7.1	Cloudy with occn shwr or drz am, bec fine			
Sat	20	1033.5	9.3	4.1	6.7	-0.7	8.5	9.0	010	07	5.7	19	TR	2.4	Mainly cloudy with some brighter spells			
Sun	21	1029.7	10.5	5.9	8.2	7.3	8.9	9.0	020	07	6.2	14	NIL	2.9	Cloudy, with fair periods pm			
Mon	22	1028.4	11.7	3.7	7.7	-0.3	8.7	9.0	280	05	3.6	10	TR(dew)	4.2	Mist early am, cloudy bec fine pm			
Tue	23	1026.7	9.5	5.3	7.4	0.0	8.7	9.1	190	10	6.5	16	NIL	10.7	Early fog soon clearing to fine			
Wed	24	1023.0	12.3	4.5	8.4	-0.4	8.8	9.1	190	07	7.4	18	0.1	2.8	Cldy with some light drizzle & rain later pm & eve			
Thu	25	1022.7	11.5	5.2	8.4	1.0	9.2	9.2	200	10	10.0	21	0.3	1.6	Some fair periods, showers by evening			
Fri	26	1012.9	11.5	4.9	8.2	6.2	9.5	9.3	200	17	15.3	30	3.8	1.8	Cloudy with rain am, fair with rain/hail showers pm			
Sat	27	1026.0	11.4	4.2	7.8	2.0	8.9	9.3	250	12	13.5	33	TR	8.0	Fair with occn shwrs, bec cldy eve			
Sun	28	1027.2	12.4	7.1	9.8	5.5	9.4	9.3	200	15	11.5	24	NIL	6.0	Cloudy am, fair periods developing pm			
Mon	29	1029.1	16.5	5.9	11.2	1.5	9.5	9.4	170	07	7.1	15	NIL	11.5	Fine			
Tue	30	1026.9	19.6	11.5	15.6	5.8	10.4	9.5	140	13	10.3	18	NIL	9.3	Fine bec cloudy mid pm. Dry air			
Wed	31	1020.1	17.7	10.6	14.1	6.2	10.9	9.6	160	10	7.4	14	NIL	0.9	Cloudy, briefly fair pm			
MEAN		1024.1	10.9	5.6	8.3	2.8	8.5	8.9	S	11.1	10.6	TOTAL	26.5	143.1				
30 YEAR AVG		1017.2	10.2	5.8	8.0	3.1	8.1	8.4	SW	11.8	11.7	////	63.3	135.3				
Diff from prev Avg		+0.2mb	+0.2°C	+0.2°C	+0.2°C	+0.2°C	+0.3°C	+0.4°C	W	-0.6Kt	-0.6Kt		-3.7mm	+7.7hrs				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		≥0.2µµ	≥1.0µµ															
		9	6	0	5	0	1	0	6	4	1	1	1					
RECORDS FROM JANUARY 1947															RAINFALL	269.0 mm	SUNSHINE	288.1 hrs
WETTEST DAY	30.0mm	DRIEST MONTH	2.7mm	LOWEST MIN	-2.2°C	WARMEST MNTH	10.3°C	SUNNIEST MNTH	214.8	RAIN DAYS 50 SUNLESS DAYS 16								
DAY/YEAR	28th/1960	YEAR	1961	DAY/YEAR	10th/11th/1958	YEAR	1957	YEAR	2009									
WETTEST MNTH	179.6mm	HIGHEST MAX	19.6°C	LOWEST GRASS	-9.4°C	COLDEST MNTH	4.4°C	DULLEST MNTH	67.4hrs	WET DAYS 41								
##### YEAR	2001	DAY/YEAR	30th/2021	DAY/YEAR	3rd/1965	YEAR	1962	YEAR	1964									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - APRIL 2021

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER				
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
				at 9a.m.	MAX	MIN		MEAN	MIN		30cm				100cm	9a.m.	9a.m.	MEAN
Thu	1	1019.4	20.1	8.2	14.2	8.6	11.3	9.8	080	07	12.3	30	NIL	8.1	Fine with hazy sunshine. Occn high cloud & Saharan dust			
Fri	2	1026.4	9.4	6.2	7.8	5.7	11.1	9.9	060	17	16.7	34	NIL	9.1	Fair to fine			
Sat	3	1030.8	8.5	5.9	7.2	4.4	10.5	10.1	060	13	12.3	27	NIL	1.7	Cloudy bec fine late pm			
Sun	4	1028.9	9.3	5.7	7.5	3.5	10.0	10.1	060	05	7.2	18	NIL	6.9	Cloudy bec fine pm			
Mon	5	1019.3	10.2	4.8	7.5	3.2	10.2	10.1	340	13	11.2	25	TR	3.5	Cloudy, little rain am, bec fair with occn shower pm			
Tue	6	1024.1	7.6	2.2	4.9	-1.4	9.4	10.1	350	13	11.0	28	0.1	6.5	Sunny periods and scattered light snow/snow pellet showers			
Wed	7	1027.1	8.7	0.9	4.8	-3.0	8.8	10.1	280	05	6.6	20	1.5	4.4	Fine bec cldy with shwrs early pm. Occn fair pm. Good viz & dry air			
Thu	8	1025.0	10.0	3.1	6.6	-2.2	8.7	10.0	160	05	3.4	11	NIL	12.0	Fine with high cloud at times			
Fri	9	1015.0	10.8	2.9	6.9	0.2	9.3	9.9	360	05	3.7	10	4.7	4.7	Cloudy, rain by evening			
Sat	10	1011.1	8.5	5.8	7.2	6.1	9.9	9.9	050	05	5.9	18	1.9	0.2	Rain am bec fair by evening. Showers by late evening			
Sun	11	1018.2	8.2	4.4	6.3	3.2	9.5	10.0	030	11	7.4	22	NIL	10.3	Occn light shwrs am bec fair then fine pm			
Mon	12	1030.4	10.7	3.4	7.1	-1.2	9.3	9.9	280	11	8.0	22	0.1	9.1	Mainly fine bec cldy with shwrs during afternoon & evening			
Tue	13	1033.5	10.6	2.9	6.8	0.0	9.3	10.0	130	10	6.9	15	NIL	12.8	Fine			
Wed	14	1032.6	11.4	2.3	6.9	-0.5	9.6	10.0	080	08	6.9	16	0.1	12.7	Fine, dry air at times			
Thu	15	1031.9	9.1	3.0	6.1	-0.1	9.8	10.0	070	12	8.7	22	TR	10.4	Cldy with sct lt shwrs am bec fair by noon, fine mid pm. Good viz			
Fri	16	1030.4	10.0	3.3	6.7	-0.5	9.8	10.0	040	08	7.2	18	NIL	8.1	Cloudy with odd shower am clearing to become fine pm			
Sat	17	1029.1	10.5	3.6	7.1	-1.2	9.6	10.0	050	09	6.2	18	NIL	13.3	Fine, dry air at times			
Sun	18	1025.7	11.6	4.1	7.9	-2.1	9.8	10.0	340	05	4.4	12	NIL	12.4	Early hoar frost. Fine with high cloud at times			
Mon	19	1021.6	13.6	3.2	8.4	0.5	10.0	10.0	100	08	5.7	12	NIL	13.0	Fine, dry air at times			
Tue	20	1017.3	14.5	5.5	10.0	1.7	10.7	10.1	060	07	5.9	14	NIL	12.0	Briefly cloudy am, otherwise fine. Dry air			
Wed	21	1017.7	14.2	6.2	10.2	2.5	11.1	10.2	070	10	11.2	27	NIL	12.7	Mist early am, bec fine with haze			
Thu	22	1023.2	12.0	6.7	9.4	5.1	11.4	10.4	070	13	14.2	26	NIL	12.3	Fine			
Fri	23	1024.2	15.7	7.5	11.6	4.8	11.4	10.5	070	14	13.4	23	NIL	13.2	Fine, dry air at times			
Sat	24	1022.3	13.6	8.7	11.2	5.8	11.7	10.6	070	14	15.1	29	NIL	12.4	Fair with high cloud			
Sun	25	1022.9	11.1	7.5	9.3	5.0	11.7	10.7	070	20	19.7	40	NIL	11.4	Fair, high cloud eve. Smoke mid pm from fire			
Mon	26	1019.4	10.2	6.5	8.4	5.5	11.4	10.9	060	18	15.3	34	NIL	11.5	Cloudy for a time am, but clearing to become fine			
Tue	27	1011.6	12.4	4.4	8.4	-0.1	11.2	10.9	020	07	6.1	13	NIL	11.6	Fine bec cloudy eve			
Wed	28	1004.1	10.8	7.5	9.2	4.4	11.9	11.0	310	08	8.4	18	NIL	7.8	Fair to cloudy am bec fair/fine pm			
Thu	29	1012.0	10.8	5.9	8.4	3.8	11.5	11.0	010	10	6.8	16	NIL	12.4	Cloudy becoming fine, dry air at times			
Fri	30	1015.1	11.6	5.0	8.3	0.0	11.4	11.1	280	04	4.1	13	TR	8.9	Cldy bec fair then fine early am, light shwr @ noon			
MEAN		1022.3	11.2	4.9	8.1	2.1	10.4	10.2	NE	9.8	9.1	TOTAL	8.4	285.4				
30 YEAR AVG		1015.3	12.4	7.0	9.7	4.3	10.4	9.9	NE	11.0	10.6	////	54.0	200.7				
1991-2020																		
Diff from prev Avg		+0.2°mb	+0.6°C	+0.4°C	+0.5°C	+0.6°C	+0.6°C	+0.5°C	NE	-0.8Kt	-0.8Kt		+0.9mm	+6.0hrs				
EXTREMES		NUMBER	RAIN	WET	SNOW/	HAIL	THNDR	LGHNTNG	AIR	GROUND	FOG	FOG	GALE	NO				
ARE IN		OF DAYS	≥0.2µµ	≥1.0µµ	SLEET				FROST	FROST	FOG	9a.m.		SUN				
BOLD TYPE		WITH	3	3	1	2	0	1	0	10	0	0	0	0				
TOTALS FOR YEAR TO DATE																		
RECORDS FROM JANUARY 1947																		
WETTEST DAY		34.0mm	DRIEST MONTH		2.9mm	LOWEST MIN		-1.4°C	WARMEST MNTH		12.0°C	SUNNIEST MNTH		285.4	RAINFALL	277.4 mm	SUNSHINE	573.5 hrs
DAY/YEAR		30th/2017	YEAR		1980	DAY/YEAR		11th/1986	YEAR		2020	YEAR		2021	RAIN DAYS	53	SUNLESS DAYS	16
WETTEST MNTH		130.4mm	HIGHEST MAX		24.5°C	LOWEST GRASS		-7.0°C	COLDEST MNTH		6.4°C	DULLEST MNTH		122.2hrs	WET DAYS	44		
YEAR		1966	DAY/YEAR		11th/2020	DAY/YEAR		5th/1990	YEAR		1986	YEAR		1981				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2021

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.
Sat	1	1016.7	10.9	4.5	7.7	-1.6	10.9	11.1	120	05	4.1	12	NIL	7.5	Hoar frost then mainly fine odd shower am		
Sun	2	1022.2	12.7	4.7	8.7	-1.8	10.6	11.1	290	04	4.5	13	NIL	10.5	Hoar frost then fine occn fair am		
Mon	3	1020.8	13.6	4.9	9.3	-0.5	10.8	11.1	210	14	16.6	46	1.7	7.0	Fine, bec cldy & windy pm with rain late eve		
Tue	4	1008.5	12.7	8.3	10.5	7.4	11.3	11.0	280	17	17.9	40	0.6	9.1	Cldy, slt rain early am. Fine pm. Cldy late eve with rain/hail shwrs		
Wed	5	1013.5	11.6	6.0	8.8	3.2	11.3	11.0	290	13	13.1	26	4.5	8.5	Fine bec fair with slt shwr @ noon then xtnsv high cloud pm		
Thu	6	1004.6	10.2	6.6	8.4	4.7	11.3	11.1	050	05	5.5	15	1.4	3.6	Cldy with rain until late pm, bec fair then fine eve		
Fri	7	1018.5	12.0	5.2	8.6	-0.5	10.8	11.1	090	03	6.4	21	4.9	9.8	Fine bec cldy pm, with patchy rain from late eve		
Sat	8	1006.2	16.1	9.5	12.8	9.2	12.2	11.1	200	16	14.8	27	NIL	5.2	Early mist & fog assoc with rain & drz, clrg by dawn to fair		
Sun	9	998.0	17.0	10.4	13.7	10.0	12.7	11.2	190	10	10.6	21	TR	1.9	Cloudy occn fair, light rain pm		
Mon	10	1000.5	14.9	8.7	11.8	7.9	12.6	11.3	210	16	10.9	25	2.6	7.8	Fair am bec cldy pm with sct shwrs, occn hvy		
Tue	11	1007.1	13.2	8.3	10.8	6.3	12.7	11.5	180	12	13.5	29	TR	10.2	Fine, becoming cloudy with occ showers		
Wed	12	1008.8	12.9	7.7	10.3	6.1	12.5	11.6	150	10	12.1	33	8.1	2.2	Bright am. Patchy rain bec mod late pm. Funnel cloud @ 1620z		
Thu	13	1005.5	9.9	7.3	8.6	6.9	12.1	11.6	280	17	14.5	26	7.3	NIL	Overcast with rain from dawn, occn hvy with drz am		
Fri	14	1011.0	13.4	9.5	11.5	9.1	11.7	11.6	330	09	8.4	25	2.9	5.6	Cloudy occn fair. Rain from late eve		
Sat	15	1002.3	14.4	8.2	11.3	7.9	12.4	11.6	250	16	15.2	27	1.8	9.3	Early rain clrng to cldy occn fair am, fair/fine pm		
Sun	16	1000.6	13.9	9.9	11.9	7.8	12.8	11.7	220	14	16.7	35	0.2	4.5	Scattered showers am, fair pm		
Mon	17	1009.1	13.9	9.9	11.9	8.4	12.7	11.8	280	16	15.7	32	NIL	8.6	Isol shwrs before dawn, fair with some brighter spells pm		
Tue	18	1016.3	14.5	9.2	11.9	6.5	13.1	11.9	240	10	11.5	20	2.2	11.8	Fair with good sunny periods odd shower eve		
Wed	19	1020.8	14.2	9.2	11.7	7.4	13.4	12.0	290	14	12.8	24	TR	12.0	Early shwrs clrng to fair/fine. High cloud late pm		
Thu	20	1016.2	14.2	9.7	12.0	7.1	13.8	12.2	170	19	17.0	39	0.6	2.8	Cloudy with occ rain, clrng to fine early eve		
Fri	21	1005.2	13.8	8.4	11.1	7.9	13.0	12.3	240	26	24.6	46	4.3	10.0	Isolated blustery showers, some heavy for a time in the evening		
Sat	22	1006.8	13.1	8.7	10.9	8.1	12.7	12.3	250	18	15.4	31	TR	8.8	Cloudy with occ shower clearing to long sunny intervals pm		
Sun	23	1012.3	13.5	7.4	10.5	4.4	12.9	12.4	210	15	14.4	46	9.8	2.3	Cloudy with rain from early pm, bec prsistnt & hvy, clrng late eve		
Mon	24	1003.7	12.2	7.6	9.9	6.7	12.7	12.4	220	18	16.8	33	3.0	7.7	Sunny periods, sct showers occn with hail		
Tue	25	1020.4	13.1	9.4	11.3	7.3	12.5	12.3	280	15	15.2	34	11.8	3.4	Fair bec cldy with rain from mid pm, cleared by midnight		
Wed	26	1017.8	14.4	8.8	11.6	7.6	12.6	12.2	290	07	7.5	15	NIL	2.5	Cloudy with sunny spells developing in the afternoon		
Thu	27	1020.9	16.3	7.7	12.0	2.1	13.1	12.3	240	04	4.4	10	NIL	14.0	Mist with early fog soon clrng to fine		
Fri	28	1021.6	20.1	9.8	15.0	7.4	14.5	12.4	150	03	5.7	13	0.3	8.8	Extensive high & medium cloud		
Sat	29	1024.3	18.5	12.1	15.3	11.1	15.3	12.6	090	08	7.3	17	0.1	4.2	Cloudy with showers am, clrng to fair periods pm		
Sun	30	1025.5	15.7	11.3	13.5	10.1	15.2	12.8	060	12	10.7	21	NIL	11.4	Cloudy, became fine late am		
Mon	31	1019.8	21.2	10.5	15.9	7.6	15.5	13.0	080	08	8.4	18	NIL	14.1	Fine, dry air		
MEAN		1012.4	14.1	8.4	11.3	6.2	12.6	11.8	W	12.1	12.0	TOTAL	68.1	225.1			
30 YEAR AVG																	
1991-2020		1016.9	15.1	9.4	12.3	7.2	13.4	12.2	NE	10.9	10.4	////	49.0	238.9			
Diff from prev Avg		+0.9mb	+0.2°C	+0.2°C	+0.3°C	+0.5°C	+0.4°C	+0.4°C	NE	-0.5Kt	-0.5Kt		-1.9mm	+3.4hrs			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		≥0.2µm	≥1.0µm														
		18	14	0	2	0	1	0	4	2	0	0	1				
RECORDS FROM JANUARY 1947																	
WETTEST DAY	40.4mm	DRIEST MONTH	4.1mm	LOWEST MIN	0.1°C	WARMEST MNTH	13.9°C	SUNNIEST MNTH	336.4hrs	RAINFALL	345.5 mm	SUNSHINE	798.6 hrs				
DAY/YEAR	24th/1950	YEAR	1989	DAY/YEAR	2nd/1979	YEAR	1989	YEAR	1989	RAIN DAYS	71	SUNLESS DAYS	17				
WETTEST MNTH	128.7mm	HIGHEST MAX	25.9	LOWEST GRASS	-5.6°C	COLDEST MNTH	9.9°C	DULLEST MNTH	136.9hrs	WET DAYS	58						
YEAR	1994	DAY/YEAR	30th/2003	DAY/YEAR	5th/1979	YEAR	1984	YEAR	1981								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JUNE 2021

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
Tue	1	1012.1	22.4	14.0	18.2	10.1	16.3	13.2	100	09	9.3	19	3.5	14.1	Fair or fine. Dry air. Lightning late eve		
Wed	2	1010.0	20.0	14.1	17.1	14.3	17.0	13.4	140	09	8.8	19	TR	3.6	Cloudy with showers am, mist and fog patches by late pm		
Thu	3	1020.6	16.4	11.4	13.9	10.5	17.1	13.7	290	05	5.7	14	0.5	1.7	Cloudy, some patchy rain p.m. became fair.		
Fri	4	1024.6	15.8	11.0	13.4	8.4	16.3	13.9	330	09	8.0	15	NIL	12.7	Fine		
Sat	5	1027.1	17.8	10.5	14.2	4.9	16.3	14.1	210	06	5.8	12	TR	14.7	Early shallow for & dew. Fine		
Sun	6	1026.3	18.0	12.0	15.0	9.2	16.8	14.2	230	08	6.0	12	NIL	1.9	Cloudy light rain am. Sunny per pm, bec cloudy with fog eve		
Mon	7	1025.5	16.0	12.1	14.1	13.1	17.0	14.4	300	05	4.0	10	NIL	0.3	Cloudy, became fair late evening.		
Tue	8	1024.9	18.3	10.7	14.5	6.4	16.5	14.5	040	05	5.1	14	NIL	13.7	Some cloudy spells am otherwise a fine and sunny day		
Wed	9	1023.9	19.0	11.5	15.3	6.9	16.9	14.6	270	04	5.4	13	0.2	9.8	Fair or fine bec cldy with hill fog eve		
Thu	10	1023.7	18.7	13.8	16.3	13.9	17.6	14.7	220	10	7.2	14	0.2	2.3	Overcast with fog + occ drizzle am, occ fair pm, fog returned eve		
Fri	11	1023.3	18.6	13.5	16.1	14.1	17.5	14.9	250	08	7.7	16	0.1	3.2	Fog and patchy drizzle a.m., fair for a time p.m.		
Sat	12	1025.1	17.4	13.7	15.6	14.5	17.5	15.0	320	07	6.1	13	NIL	10.8	Drizzle & fog before dawn, then cldy bec fine by late am		
Sun	13	1027.8	22.2	13.5	17.9	10.2	17.7	15.2	130	05	6.3	13	NIL	15.1	Fine		
Mon	14	1021.7	22.9	12.6	17.8	9.7	18.5	15.3	020	07	7.1	16	NIL	14.8	Fine		
Tue	15	1022.5	20.4	13.0	16.7	11.0	18.6	15.5	360	05	5.3	14	NIL	14.6	Fine		
Wed	16	1012.7	19.4	12.7	16.1	9.5	18.7	15.7	010	04	5.5	14	3.2	8.2	Fine, bec cldy with showery rain late pm		
Thu	17	1011.4	17.6	12.6	15.1	13.3	18.2	15.9	340	07	8.4	19	10.4	2.7	Early mist & fog, then rain after dawn, occn hvy, clrng late am		
Fri	18	1012.2	15.5	12.3	13.9	13.4	17.6	16.0	360	15	9.2	25	1.9	0.7	Cloudy with persis rain am. Mist + fog clearing mid pm		
Sat	19	1015.1	14.8	10.2	12.5	7.0	16.4	16.0	060	06	6.5	17	0.7	0.2	Cloudy, sct showers pm, turning misty during evening		
Sun	20	1008.3	17.5	12.7	15.1	10.8	16.7	15.9	160	07	7.6	19	13.1	2.8	Cldy with early fog ptchs & shwr mid am, occn fair pm		
Mon	21	1008.2	14.5	11.5	13.0	12.8	17.1	15.8	050	14	13.3	29	5.6	NIL	Overcast with mist, rain & drizzle		
Tue	22	1018.6	14.6	10.6	12.6	11.0	15.9	15.7	020	15	11.4	29	0.6	0.1	Cloudy with rain & drizzle until early pm		
Wed	23	1024.4	16.8	10.3	13.6	5.8	15.6	15.6	030	07	6.0	17	NIL	14.3	Shallow fog early otherwise fine		
Thu	24	1024.1	17.2	10.9	14.1	7.0	16.4	15.5	290	09	8.5	17	4.2	9.7	Fine bec cldy late am. Rain & fog ptchs by early eve		
Fri	25	1019.7	16.5	11.8	14.2	11.9	16.8	15.9	260	14	9.3	20	4.7	2.7	Cldy with rain mist & fog until early pm, bec fair then fine eve		
Sat	26	1017.2	14.4	9.5	12.0	5.1	16.2	15.5	150	03	6.1	17	6.1	1.1	Cloudy, persistent rain pm. Mist & fog eve		
Sun	27	1011.0	19.9	13.7	16.8	13.5	16.2	15.5	120	07	7.6	19	0.2	3.9	Showers with mist & fog am, occn fair pm		
Mon	28	1013.8	18.6	11.7	15.2	9.0	17.2	15.5	150	06	6.4	16	2.0	8.8	Fine bec cloudy by late afternoon		
Tue	29	1014.7	17.1	12.3	14.7	13.1	17.7	15.6	270	04	4.6	12	TR	3.7	Light shwrs early, then mist & fog patches with occn drz		
Wed	30	1018.1	19.2	13.9	16.6	14.3	17.7	15.7	280	04	5.2	11	TR(FOG)	10.6	Mist with fog ptchs & early light rain bec fine pm. Fair & misty eve		
MEAN		1019.0	17.9	12.1	15.0	10.5	17.1	15.1	W	7.5	7.1	TOTAL	57.2	202.8			
30 YEAR AVG		1017.8	17.7	11.8	14.8	9.6	16.2	14.4	W	10.2	9.9	////	47.9	245.9			
diff from prev Avg		-0.2mb	+0.2°C	+0.3°C	+0.3°C	+0.6°C	+0.2°C	+0.3°C	W	-0.2Kt	-0.2Kt		+2.4mm	-0.7hrs			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG	FOG	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		≥0.2mm	≥1.0mm									9a.m.					
		16	10	0	0	0	1	0	0	14	0	0	0	1			
RECORDS FROM JANUARY 1947															RAINFALL	402.7 mm	
WETTEST DAY		46.8mm	DRIEST MONTH		0.6mm	LOWEST MIN		5.4°C	WARMEST MNTH		16.7°C	SUNNIEST MNTH		355.3hrs	RAIN DAYS	87	
DAY/YEAR		16th/1970	YEAR		1976	DAY/YEAR		1st/1975	YEAR		1976	YEAR		1975	SUNLESS DAYS	18	
WETTEST MNTH		129.7mm	HIGHEST MAX		30.8°C	LOWEST GRASS		-3.0°C	COLDEST MNTH		11.3°C	DULLEST MNTH		147.8hrs	WET DAYS	68	
YEAR		1986	DAY/YEAR		26th/1976	DAY/YEAR		14th/1987	YEAR		1972	YEAR		1977			

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JULY 2021

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
Thu	1	1019.4	18.1	13.2	15.7	11.9	18.3	15.8	250	06	7.7	15	TR(dew)	7.0	Thick fog am, fair pm with haze			
Fri	2	1017.6	19.9	12.4	16.2	9.8	18.2	16.0	270	02	4.5	13	1.1	5.5	Fair bec cloudy with rain eve. Sea & coastal fog			
Sat	3	1013.3	19.6	14.4	17.0	13.8	18.5	16.1	220	10	9.1	20	4.4	5.2	Rain, drz, mist & fog am clrng to bec fair			
Sun	4	1008.3	17.6	14.4	16.0	15.1	18.5	16.3	230	15	12.9	29	2.7	6.4	Cldy with shwrs, occn hvy, & fog ptchs am. Fine pm bec cldy, rain eve			
Mon	5	1007.9	16.6	12.5	14.6	11.6	18.0	16.4	230	09	10.0	32	8.9	0.4	Cloud thickened during morning with rain from mid-afternoon			
Tue	6	1004.4	16.5	12.6	14.6	12.0	17.5	16.4	250	17	17.0	46	0.4	7.7	Cldy & wndy with shwrs ovnt, clrng to fair with odd shwr early pm			
Wed	7	1013.2	17.5	12.7	15.1	11.9	17.2	16.4	240	16	12.2	21	NIL	3.5	Drz & brief period of fog early am, then mainly cldy occn fair pm			
Thu	8	1021.8	17.5	13.7	15.6	14.4	17.4	16.3	250	09	10.5	19	TR	6.3	Cldy, early mist & fog, light shwr am. Fine pm, cldy eve			
Fri	9	1023.8	16.4	12.6	14.5	12.1	17.6	16.3	200	06	6.2	12	10.5	1.1	Mainly cloudy			
Sat	10	1015.7	16.2	12.2	14.2	13.3	17.6	16.3	160	07	6.5	13	0.9	0.3	Cldy with rain early, occn hvy, clrng mid pm. Fog & mist am			
Sun	11	1016.3	18.3	11.6	15.0	10.3	17.3	16.4	190	07	6.8	13	2.7	2.7	Cldy with mist & fog early. T/storms 1609-1730z			
Mon	12	1010.4	15.7	13.1	14.4	13.9	17.5	16.3	300	08	8.3	18	0.1	0.1	Cloudy with periods of rain & drizzle, mist & fog patches			
Tue	13	1016.0	19.7	14.0	16.9	13.9	17.2	16.3	340	11	9.1	18	NIL	11.2	Few spots rain early, became fine by late morning			
Wed	14	1020.9	19.2	14.1	16.7	13.8	17.9	16.3	330	09	9.8	20	NIL	13.3	Fine, occn fair spells			
Thu	15	1023.7	21.3	14.0	17.7	13.3	18.3	16.4	330	06	5.9	12	NIL	13.5	Fine, bec cldy mid pm & late eve			
Fri	16	1027.2	19.8	13.7	16.8	9.9	18.7	16.5	060	08	5.5	17	NIL	14.8	Fine			
Sat	17	1028.1	21.3	14.9	18.1	10.6	18.9	16.7	050	11	8.5	22	NIL	14.7	Shallow fog early. Fine			
Sun	18	1025.7	23.0	13.9	18.5	10.1	19.1	16.8	070	07	7.3	18	NIL	14.4	Fine			
Mon	19	1021.8	27.1	16.3	21.7	13.0	19.7	17.0	110	04	6.5	13	NIL	14.6	Fine			
Tue	20	1020.0	28.0	18.4	23.2	14.1	20.2	17.2	140	06	6.2	15	NIL	14.2	Fine, dry air			
Wed	21	1022.4	28.1	17.5	22.8	12.3	20.7	17.4	100	05	4.9	10	NIL	14.3	Fine, dry air			
Thu	22	1021.7	26.7	16.6	21.7	13.8	20.9	17.6	090	08	8.8	22	NIL	13.4	Fine, occn patches of high cloud pm			
Fri	23	1013.5	19.5	15.9	17.7	15.4	20.8	17.8	060	13	13.7	34	7.3	4.0	Fine bec cldy. Shwrs late pm. T/storms 1602-1801z & 2100-2330z			
Sat	24	1005.8	20.1	15.4	17.8	14.0	19.7	17.9	140	12	9.0	23	6.9	1.6	Cldy with sct shwrs am prsistnt & occn hvy pm. Misty eve, fog ptchs			
Sun	25	1008.1	19.6	14.9	17.3	14.8	19.2	17.8	340	07	7.3	16	NIL	2.9	Ocn fair, otherwise cloudy with mist or fog patches at times			
Mon	26	1012.6	19.7	15.4	17.6	12.9	19.2	17.8	250	10	10.5	20	TR	7.3	Cloudy with fog clrng am. Haze at times pm, rain by eve			
Tue	27	1010.4	19.6	15.1	17.4	15.5	19.3	17.8	220	10	12.7	25	NIL	7.8	Cldy am with fog, mist & light rain, clearing by early pm to fine			
Wed	28	1011.9	18.6	14.5	16.6	12.5	18.9	17.8	230	15	16.2	30	TR	9.2	Fair			
Thu	29	1014.6	18.9	14.2	16.6	12.2	18.5	17.7	230	13	10.5	23	0.2	4.2	Fair, became cloudy during evening			
Fri	30	1007.0	18.3	14.1	16.2	11.9	18.5	17.7	250	23	19.8	38	NIL	6.7	Fair to cloudy with occn showers am			
Sat	31	1012.9	18.6	14.0	16.3	14.1	18.5	17.6	270	11	11.4	21	TR	9.9	Cloudy bec fair to fine mid afternoon			
MEAN		1016.0	19.9	14.3	17.1	12.8	18.6	16.9	SW to W	9.7	9.5	TOTAL	46.1	238.2				
30 YEAR AVG		1017.3	19.6	13.8	16.7	11.5	17.9	16.4	W	10.1	9.8	////	43.2	253.3				
1991-2020																		
Diff from prev Avg		-0.3mb	+0.1°C	+0.2°C	+0.2°C	+0.3°C	+0.1°C	+0.1°C	W	-0.4Kt	-0.4Kt		+1.1mm	+2.6hrs				
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															
		11	8	0	1	2	2	0	0	13	2	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	448.8 mm	SUNSHINE	1239.6 hrs
WETTEST DAY	62.5mm	DRIEST MONTH	3.9mm	LOWEST MIN	8.3°C	WARMEST MNTH	19.4°C	SUNNIEST MNTH	340.5	RAIN DAYS	98	SUNLESS DAYS	18					
DAY/YEAR	7th/2004	YEAR	1999	DAY/YEAR	8th/1954	YEAR	1983	YEAR	2018	WET DAYS	76							
WETTEST MNTH	120.2mm	HIGHEST MAX	32.6°C	LOWEST GRASS	1.0°C	COLDEST MNTH	13.8°C	DULLEST MNTH	167.7hrs									
YEAR	1960	DAY/YEAR	19th/2016	DAY/YEAR	7th/1996	YEAR	1954	YEAR	1972									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2021

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	1013.1	18.7	13.8	16.3	12.0	18.6	17.6	270	08	9.0	18	NIL	3.8	Light drz early otherwise cloudy occn fair			
Mon	2	1016.0	18.1	13.6	15.9	11.6	18.5	17.6	280	07	8.7	19	NIL	6.7	Fine bec mainly cloudy			
Tue	3	1014.5	18.5	13.4	16.0	11.0	18.2	17.5	280	08	6.7	14	0.7	4.8	Sunny periods am, becoming cloudy pm, isol showers by eve			
Wed	4	1013.2	19.8	13.9	16.9	13.8	18.5	17.5	070	06	4.3	12	0.1	6.8	Isol shwr early bec fair then fair/fine pm. Cloudy eve			
Thu	5	1006.3	18.4	13.9	16.2	11.5	18.6	17.5	170	13	13.6	28	2.6	1.2	Cldy with shwrs, rain & drz with brief fog am. Cldy pm with isol shwr			
Fri	6	1004.1	18.6	14.8	16.7	14.4	18.1	17.5	250	20	17.1	31	3.4	6.6	Rain and drizzle early. Some fair periods and isol light showers			
Sat	7	999.1	17.6	14.0	15.8	13.0	17.9	17.5	240	17	16.1	33	13.0	5.6	Cloudy occn shwrs, rain by late am, fine by eve			
Sun	8	1009.7	18.3	13.4	15.9	11.6	17.4	17.4	250	18	16.0	30	2.3	9.4	Fair with occn shwrs. Cldy eve with rain			
Mon	9	1014.3	18.8	14.6	16.7	12.7	17.6	17.3	240	14	13.4	26	2.0	9.4	Cldy with shwrs to mid am then fair or fine			
Tue	10	1017.6	17.9	13.8	15.9	14.5	18.0	17.3	280	08	7.1	16	NIL	9.2	Cloudy with fog soon clearing to bec fair or fine			
Wed	11	1020.3	18.6	12.4	15.5	8.1	17.8	17.3	200	08	6.3	12	0.1	8.6	Fair			
Thu	12	1019.2	20.7	14.6	17.7	12.6	18.2	17.3	190	08	7.6	14	NIL	9.0	Cloudy with occ showers am, bec fine. Occ fair eve			
Fri	13	1024.4	19.7	14.0	16.9	11.0	18.6	17.3	230	11	7.9	17	NIL	7.9	Cloudy am, bec fine by early pm			
Sat	14	1022.1	22.5	14.2	18.4	10.0	18.5	17.3	190	05	4.6	10	0.1	12.6	Early mist thickening to fog, clrng mid am to fine			
Sun	15	1016.9	19.6	14.2	16.9	10.0	19.0	17.4	250	14	14.2	28	0.2	2.6	Cldy am with early drz, fog & mist clearing, occn fair pm, drz eve			
Mon	16	1020.8	18.1	14.5	16.3	12.2	18.4	17.5	310	12	11.5	22	NIL	7.2	Cloudy early am, clrng to fine. Becoming cloudy pm			
Tue	17	1024.5	17.8	13.4	15.6	9.5	18.0	17.5	300	12	11.1	26	TR	0.7	Cloudy am, some bright spells pm with odd spot of rain			
Wed	18	1021.2	18.5	14.7	16.6	12.8	17.9	17.4	260	10	8.9	17	1.0	1.9	Cloudy with occn drizzle & mist			
Thu	19	1017.0	17.8	13.7	15.8	12.9	17.9	17.4	200	08	8.9	19	0.6	NIL	Cloudy with fog & mist. Intmnt drz & rain through day			
Fri	20	1017.2	19.7	14.1	16.9	10.4	17.8	17.3	170	08	6.1	13	0.1	0.6	Cloudy, fog patches am			
Sat	21	1015.1	18.6	15.5	17.1	14.6	18.3	17.3	240	09	10.2	23	0.8	0.8	Cldy with occn rain am. Rain, drizzle, fog pm bec fair late pm			
Sun	22	1021.9	19.6	14.6	17.1	12.7	18.1	17.3	290	13	9.9	20	NIL	11.2	Cldy with early light shwrs, soon bec fine			
Mon	23	1027.0	19.6	13.4	16.5	8.6	18.0	17.3	050	07	6.8	19	NIL	8.9	Cloudy becoming fine by early afternoon			
Tue	24	1027.6	19.4	13.9	16.7	8.1	17.8	17.3	050	11	10.6	25	NIL	7.7	Cloudy becoming fine by early afternoon			
Wed	25	1023.7	19.3	14.9	17.1	13.6	17.8	17.3	060	13	10.6	25	NIL	12.3	Cloudy soon becoming fine			
Thu	26	1022.2	18.8	13.2	16.0	9.5	17.8	17.2	030	08	6.2	16	NIL	6.8	Cldy with early mist patches bec fine mid pm			
Fri	27	1023.0	18.4	12.6	15.5	5.4	17.2	17.2	050	09	6.8	16	NIL	11.8	Early shallow fog then fine occn fair @ noon. Good viz			
Sat	28	1025.7	18.9	12.9	15.9	6.6	17.1	17.1	060	08	6.8	16	NIL	12.5	Fine			
Sun	29	1025.6	19.8	13.5	16.7	7.6	17.2	17.0	030	07	5.9	16	NIL	12.7	Fine, occn shallow fog early am			
Mon	30	1024.6	17.9	13.1	15.5	7.8	17.3	17.0	050	08	9.3	21	TR	2.6	Briefly fair pm, othwse cloudy with light shwr am			
Tue	31	1027.7	17.7	15.0	16.4	14.5	17.3	16.9	050	10	9.6	20	NIL	2.8	Odd light shower overnight, cloudy till mid pm, then fair to fine			
MEAN		1018.6	18.9	13.9	16.4	11.1	18.0	17.3	W	10.3	9.4	TOTAL	27.0	204.7				
30 YEAR AVG		1017.0	19.9	14.2	17.1	11.8	18.1	17.2	W	9.7	9.3	////	56.6	226.8				
1991-2020																		
diff from prev Avg		-0.3mb	+0.1°C	+0.1°C	+0.2°C	+0.5°C	0.0°C	0.0°C	W	-0.2Kt	-0.4Kt		+8.9mm	-3.3hrs				
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															
		10	6	0	0	0	0	0	0	7	0	0	1					
RECORDS FROM JANUARY 1947																		
WETTEST DAY		55.8mm	DRIEST MONTH		3.8mm	LOWEST MIN		9.2°C	WARMEST MNTH		19.3°C	SUNNIEST MNTH		323.0hrs	RAINFALL	475.8 mm	SUNSHINE	1444.3 hrs
DAY/YEAR		22nd/1973	YEAR		1955	DAY/YEAR		28th/1986	YEAR		2003	YEAR		1955	RAIN DAYS	108	SUNLESS DAYS	19
WETTEST MNTH		122.0mm	HIGHEST MAX		34.3	LOWEST GRASS		0.8°C	COLDEST MNTH		14.3°C	DULLEST MNTH		139.2hrs	WET DAYS	82		
YEAR		1951	DAY/YEAR		9th/2003	DAY/YEAR		11th/1981	YEAR		1956	YEAR		1992				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2021

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	
Wed	1	1028.9	17.7	15.2	16.5	13.7	17.1	16.9	060	12	12.3	26	TR	2.5	Cloudy occn fair, became fine by evening			
Thu	2	1025.3	19.7	15.0	17.4	13.1	16.9	16.8	060	12	13.7	29	NIL	10.6	Fine occn fair early am			
Fri	3	1020.0	19.8	15.1	17.5	13.7	17.1	16.8	060	11	9.8	23	NIL	7.9	Cldy am bec fine pm. Cldy eve with haze			
Sat	4	1017.0	20.8	15.8	18.3	15.0	17.7	16.7	050	07	7.6	18	NIL	6.3	Cldy with mist am, bec fine pm but hazy. Mist returning eve			
Sun	5	1019.1	23.9	15.6	19.8	13.9	17.9	16.8	030	03	4.8	12	NIL	7.3	Thick fog am burnt back to the coast. Fine pm			
Mon	6	1022.4	26.5	16.0	21.3	12.4	18.3	16.9	060	06	6.7	16	NIL	11.7	Fine			
Tue	7	1018.7	27.5	18.5	23.0	15.0	18.8	17.0	090	14	11.8	27	5.6	10.8	Fine bec cloudy mid eve. Dry air			
Wed	8	1010.4	23.6	16.9	20.3	15.1	18.8	17.1	310	07	6.5	21	3.7	1.6	Cldy occn fair pm. T/storm (0715-0840z). Fog am & eve. Shwrs eve			
Thu	9	1008.4	20.4	16.0	18.2	13.6	18.6	17.2	190	11	8.5	19	0.8	2.7	Fog early, mainly cloudy with isolated showers			
Fri	10	1013.2	18.9	15.1	17.0	15.7	18.6	17.2	250	12	11.8	21	TR	0.7	Early mist & fog with isol shwr. Cldy bec fair late eve			
Sat	11	1020.1	19.1	13.4	16.3	11.7	17.9	17.3	240	11	8.1	18	NIL	8.7	Fair bec fine eve			
Sun	12	1020.2	18.5	13.5	16.0	8.3	17.6	17.2	170	06	3.4	08	NIL	0.7	Cloudy with early morning shallow fog, occn fair later			
Mon	13	1016.2	21.2	13.4	17.3	10.3	17.4	17.2	090	06	6.1	14	16.6	5.2	Fair bec cloudy with a few very light showers in evening			
Tue	14	1010.5	21.5	16.0	18.8	15.6	17.9	17.1	120	06	7.1	15	NIL	2.3	Rain early, occn hvy, clrng to fair early pm then mist and fog eve			
Wed	15	1015.2	18.3	14.6	16.5	12.3	18.0	17.2	020	07	7.0	15	TR(dew)	8.9	Fair bec fine late pm with fog late eve			
Thu	16	1019.9	18.8	13.3	16.1	9.6	17.7	17.2	280	07	5.5	12	NIL	10.0	Cloudy soon clearing to fine			
Fri	17	1014.4	19.0	12.9	16.0	8.0	17.3	17.1	180	09	7.1	15	TR	7.1	Fair			
Sat	18	1013.2	20.5	16.2	18.4	14.6	17.9	17.1	120	06	5.3	17	NIL	2.4	Odd spot of rain am, otherwise cldy. Some bright spells after midday			
Sun	19	1016.4	18.5	14.3	16.4	12.0	18.0	17.1	280	10	10.9	21	NIL	7.4	Cloudy bec fair am			
Mon	20	1023.8	17.8	13.6	15.7	10.5	17.2	17.1	350	11	9.1	21	NIL	11.2	Fine			
Tue	21	1031.1	20.2	13.3	16.8	5.7	16.8	17.1	060	04	4.8	14	TR(dew)	10.5	Shallow fog early, otherwise fine. Misty by late eve			
Wed	22	1029.8	19.9	11.9	15.9	5.0	16.6	17.0	100	05	4.4	13	NIL	10.4	Shallow fog early, otherwise fine.			
Thu	23	1024.4	18.4	11.9	15.2	5.1	16.5	16.9	300	08	7.7	17	0.6	4.0	Cloudy occn fair. Mist & drizzle by eve			
Fri	24	1019.4	17.8	12.7	15.3	12.2	17.0	16.8	250	09	5.8	14	NIL	8.4	Drizzle am clearing to fine			
Sat	25	1014.9	19.8	11.5	15.7	6.0	16.6	16.8	120	03	4.9	12	TR	5.9	Shallow fog at first. Fine became fair			
Sun	26	1013.8	20.0	14.8	17.4	13.0	17.0	16.7	250	13	10.3	26	3.4	6.4	Cldy with early morning mist, occn fair pm. Lightning @ 0230 to SE			
Mon	27	1012.8	17.6	11.9	14.8	10.3	17.1	16.7	260	19	17.3	45	0.3	8.5	Rain clrng by dawn to occn shwrs then bec mainly fine			
Tue	28	1018.8	17.2	12.7	15.0	10.7	16.4	16.7	210	15	14.3	36	9.3	0.5	Cldy with shwrs by noon, bec rain late pm & eve, occn hvy			
Wed	29	1023.4	15.8	11.1	13.5	7.3	15.7	16.6	310	12	11.8	24	NIL	10.0	Light showers early otherwise mainly fine			
Thu	30	1025.3	17.5	9.8	13.7	4.0	15.1	16.5	210	16	15.3	29	5.5	1.9	Cloudy with some patchy light rain by evening			
MEAN		1018.9	19.9	14.1	17.0	11.1	17.4	17.0	NE	9.3	8.7	TOTAL	45.8	192.5				
30 YEAR AVG		1017.4	18.2	13.1	15.7	10.2	16.4	16.5	SW	10.6	10.3	////	55.2	183.9				
1991-2020																		
diff from prev Avg		+0.2°C	+0.2°C	+0.2°C	+0.3°C	+0.4°C	+0.1°C	0.0°C	W	-0.5Kt	-0.5Kt		-2.3mm	+3.8hrs				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG	GALE	NO	SUN				
		≥0.2µµ	≥1.0µµ								9a.m.							
		9	6	0	0	1	2	0	0	7	1	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	521.6 mm	SUNSHINE	1636.8 hrs
WETTEST DAY		43.7mm	DRIEST MONTH		6.9mm	LOWEST MIN		5.8°C	WARMEST MNTH		17.5°C	SUNNIEST MNTH		266.5hrs	RAIN DAYS	117	SUNLESS DAYS	19
DAY/YEAR		20th/1949	YEAR		1997	DAY/YEAR		28th/1974	YEAR		1949	YEAR		1959	WET DAYS	88		
WETTEST MNTH		194.5mm	HIGHEST MAX		30.6°C	LOWEST GRASS		-1.0°C	COLDEST MNTH		12.8°C	DULLEST MNTH		104.5hrs				
YEAR		1952	DAY/YEAR		2nd/1961	DAY/YEAR		23rd/1979	YEAR		1986	YEAR		1956				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2021

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	1012.6	17.1	10.9	14.0	13.7	15.7	16.3	250	15	12.9	27	2.5	5.9	Cloudy with rain clearing am to become fine. Cloud returning eve			
Sat	2	1001.3	17.3	11.1	14.2	7.1	15.4	16.2	170	16	16.0	44	25.1	NIL	Cldy with rain by dawn bec hvy @ noon clrng late pm. Rain eve			
Sun	3	1000.1	16.8	10.7	13.8	9.9	15.0	16.1	260	15	15.1	35	3.3	7.9	Early rain bec fine with isol showers. Lightning @ 2325z			
Mon	4	1011.2	17.1	11.2	14.2	10.0	14.8	16.0	220	17	16.7	34	13.3	6.1	Ocn showers mainly before dawn, some bright spells pm			
Tue	5	1006.6	15.6	12.4	14.0	9.6	14.9	15.9	290	18	17.8	33	TR	7.9	Heavy rain early am, clrng to fine with occ showers			
Wed	6	1023.2	16.6	13.1	14.9	9.9	14.5	15.7	290	11	11.4	24	2.0	5.3	Bec cldy with early shwr, drz late eve			
Thu	7	1026.7	18.3	14.5	16.4	12.6	15.1	15.6	270	06	5.3	12	TR	0.7	Cldy with fog & drz clrng mid am but remaining cldy			
Fri	8	1029.0	18.5	13.0	15.8	12.5	15.7	15.6	120	06	7.2	15	NIL	6.3	Patchy drz & mist before dawn, mainly cldy occn fair @ midday			
Sat	9	1028.0	17.7	10.3	14.0	5.9	15.5	15.6	070	05	5.3	12	TR(dew)	9.2	Fine, becoming cloudy eve			
Sun	10	1029.8	17.3	11.9	14.6	7.1	15.2	15.6	020	08	5.8	16	NIL	3.3	Fine with early mist bec cldy by noon. Fine eve			
Mon	11	1032.4	15.7	10.3	13.0	6.0	14.8	15.6	040	07	5.6	15	NIL	6.9	Fine to start then bec fair to cloudy but good sunny periods			
Tue	12	1027.8	15.6	9.8	12.7	3.6	14.1	15.5	330	05	5.2	16	NIL	8.6	Early morning shallow fog then mainly fine occn cloudy			
Wed	13	1028.9	16.9	11.3	14.1	5.6	13.9	15.4	020	05	4.0	09	NIL	4.1	Fine, becoming cloudy by afternoon, fine again by evening			
Thu	14	1027.1	16.0	10.4	13.2	4.9	13.7	15.3	160	06	5.2	12	NIL	9.0	Fine with high cloud late pm & eve. Good viz			
Fri	15	1020.9	16.6	9.8	13.2	4.2	13.6	15.2	310	05	4.1	11	NIL	6.7	Cloudy to start then fair to fine			
Sat	16	1020.9	16.6	11.0	13.8	4.1	13.4	15.0	130	05	5.3	14	NIL	7.4	Shallow fog early, then fine to mid pm with incrsng high cloud			
Sun	17	1016.8	16.4	11.3	13.9	8.7	13.7	14.9	170	10	7.9	16	TR	7.6	Cloudy, clearing to fine pm			
Mon	18	1017.1	17.2	11.3	14.3	5.9	13.9	14.9	170	11	11.7	23	6.3	NIL	Cldy, early rain. Rain from late am bec misty with xtnsv fog pm & eve			
Tue	19	1016.3	18.8	16.2	17.5	14.5	14.7	14.8	180	14	13.3	27	10.7	3.6	Fog & drz clrng by dawn. Mainly cldy occn fair late am & early pm			
Wed	20	1005.5	17.3	12.0	14.7	14.9	15.3	14.8	220	19	21.7	61	15.6	4.5	Fair with hvy rain early. Hvy shwrs by late pm. Gales 2126-2225z			
Thu	21	1009.7	13.3	10.0	11.7	9.1	14.3	14.9	320	10	12.0	40	0.1	7.4	Blustery shwrs dying out am, long sunny spells developing			
Fri	22	1024.5	13.7	8.9	11.3	3.1	13.5	14.9	290	11	7.0	19	TR	1.7	Fine becoming cloudy am with an isolated shower. Good vis			
Sat	23	1026.7	14.2	10.7	12.5	9.4	13.1	14.8	200	08	9.1	20	NIL	4.0	Fair with good vis & occn dry air			
Sun	24	1018.5	15.0	11.4	13.2	8.6	13.0	14.6	180	13	12.7	24	0.8	0.6	Fair bec cloudy with occ drizzle, fair periods eve			
Mon	25	1017.4	16.1	12.3	14.2	10.1	13.4	14.5	240	14	12.6	26	0.8	7.3	Fair or fine with sct showers			
Tue	26	1021.6	16.7	12.3	14.5	9.6	13.6	14.4	240	16	14.0	25	TR	1.0	Cloudy with occn showers am			
Wed	27	1022.1	16.9	13.4	15.2	11.6	13.8	14.4	200	13	13.4	23	NIL	7.3	Fair			
Thu	28	1010.4	16.1	13.0	14.6	11.4	13.9	14.4	170	14	17.0	33	2.0	3.7	Fair to cloudy			
Fri	29	998.7	15.5	11.7	13.6	11.3	14.0	14.4	250	19	17.6	34	5.7	5.5	Rain early, became fair with sct showers am			
Sat	30	996.3	14.9	9.8	12.4	8.9	13.5	14.4	260	13	14.4	31	12.9	6.2	Cloudy with rain clrng early am, cloudy with isolated showers pm			
Sun	31	992.9	14.4	9.4	11.9	9.8	13.3	14.4	250	22	22.2	48	8.4	5.7	Hvy rain clrng by dawn to shwrs, occn hvy pm & eve. 31st cont. Gale 0648-0653. T&L 2205-2210			
MEAN		1016.8	16.3	11.5	13.9	8.8	14.3	15.2	S	11.5	11.3	TOTAL	109.5	161.4				
30 YEAR AVG		1015.0	15.3	11.1	13.2	8.4	13.7	14.7	SW	11.9	11.7	////	97.9	120.1				
1991-2020																		
Diff from prev Avg		+0.2mb	+0.2°C	+0.3°C	+0.2°C	+0.3°C	+0.1°C	+0.1°C	W	-0.5Kt	-0.7Kt		+3.1mm	+3.0hrs				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THUNDER	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	1	2	0	0	5	1	2	2					
RECORDS FROM JANUARY 1947															RAINFALL	631.1 mm	SUNSHINE	1798.2 hrs
WETTEST DAY		59.1mm	DRIEST MONTH		3.4mm	LOWEST MIN		3.5°C	WARMEST MNTH		15.2	SUNNIEST MNTH		176.4hrs	RAIN DAYS	131	SUNLESS DAYS	21
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 2021

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				
Mon	1	999.1	13.5	7.9	10.7	7.1	12.6	14.3	270	15	14.4	33	2.9	3.4	Cloudy to fair with shwrs, more frqnt pm					
Tue	2	1000.4	12.4	7.4	9.9	5.7	12.2	14.1	260	05	5.5	18	9.8	2.1	Fair with sct slow moving showers					
Wed	3	1004.6	12.2	7.5	9.9	1.5	11.6	14.0	330	06	8.1	21	0.9	5.7	Fair with isol shwrs, hvy with hail early. Excellent visibility					
Thu	4	1015.7	11.1	8.8	10.0	6.1	11.5	13.8	360	14	10.8	23	NIL	6.5	Occn showers early am. Fair becoming cloudy pm, excellent vis					
Fri	5	1027.8	11.5	6.8	9.2	1.0	11.1	13.7	020	03	4.4	13	TR	7.1	Fair with high cloud am. Xlnt vis					
Sat	6	1031.2	13.3	7.8	10.6	1.2	11.0	13.4	260	13	12.9	28	0.5	0.4	Cloudy, briefly fair. Slt rain late pm & drz late eve					
Sun	7	1025.7	13.3	10.3	11.8	8.6	11.6	13.3	320	08	10.1	29	NIL	6.0	Cloudy with early drizzle bec fair after dawn					
Mon	8	1025.8	12.8	8.2	10.5	2.9	11.6	13.2	300	01	4.0	10	3.4	0.7	Fair bec cldy with rain, drizzle, mist & fog patches pm & eve					
Tue	9	1025.8	13.8	11.5	12.7	8.6	11.9	13.1	310	05	4.7	11	0.3	0.4	Cloudy with occn rain & drizzle, especially early am					
Wed	10	1024.7	13.3	11.5	12.4	11.0	12.3	13.1	340	01	3.8	13	TR	NIL	Cloudy with occn light rain					
Thu	11	1024.9	13.4	10.0	11.7	6.7	12.2	13.1	170	07	8.6	20	TR	8.0	Fair soon becoming fine					
Fri	12	1015.6	14.4	10.7	12.6	7.0	11.9	13.2	230	20	16.3	30	1.5	0.1	Cloudy with patchy rain/drizzle am, showers pm					
Sat	13	1018.9	13.8	11.6	12.7	9.9	12.2	13.1	320	09	8.5	24	NIL	0.5	Cloudy with patchy light showers before dawn					
Sun	14	1023.7	12.7	11.1	11.9	7.8	12.2	13.1	020	07	6.6	15	TR	0.1	Cloudy with occn light showers					
Mon	15	1026.9	12.4	9.9	11.2	9.9	12.1	13.0	080	02	4.4	12	NIL	0.1	Cloudy with early light shower					
Tue	16	1025.4	12.8	7.8	10.3	1.9	11.6	13.1	310	02	6.1	20	2.0	0.3	Fine bec cloudy with patchy rain/drizzle early eve					
Wed	17	1026.0	12.7	8.4	10.6	5.9	11.7	13.0	350	10	6.7	17	NIL	5.3	Early morning showery rain then cloudy occn fair pm					
Thu	18	1032.1	12.5	8.4	10.5	2.9	11.5	12.9	280	05	5.1	13	1.1	NIL	Cloudy. Rain and drizzle in the evening					
Fri	19	1033.1	12.2	9.3	10.8	6.6	11.7	12.9	210	04	3.2	14	0.4	0.9	Cloudy with periods of rain/drizzle, occn mist					
Sat	20	1026.2	11.4	9.2	10.3	6.6	11.8	12.8	060	05	4.5	15	4.5	0.1	Cloudy, patchy rain/drizzle late pm					
Sun	21	1018.5	11.1	6.9	9.0	7.2	11.7	12.8	010	15	13.1	31	0.1	5.5	Brief prd of hvy rain early clrng to fair with shwrs, occn hail pm					
Mon	22	1026.7	10.4	6.4	8.4	4.3	10.8	12.8	040	14	14.0	28	1.8	1.5	Mainly cloudy with showers, briefly fair					
Tue	23	1031.2	10.4	8.3	9.4	6.6	10.6	12.6	080	12	9.8	24	TR	0.1	Cloudy with sct shwrs until late pm. Fair eve					
Wed	24	1024.4	9.9	8.2	9.1	6.3	10.6	12.5	040	04	5.2	12	0.4	NIL	Cloudy with occn light showers					
Thu	25	1017.6	8.9	6.2	7.6	4.5	10.4	12.4	010	14	10.5	27	0.3	6.2	Odd shower before dawn, then fair					
Fri	26	1003.4	11.0	5.6	8.3	1.6	9.8	12.2	280	18	16.4	38	1.9	2.4	Fair to cldy with frqnt rain shwrs, hail shwrs eve					
Sat	27	996.7	7.4	4.6	6.0	2.3	9.3	12.0	350	25	23.5	47	TR	0.1	Cldy with frqnt rain shwrs am, occn hail. Isol shwrs pm. Dry air					
Sun	28	1010.2	8.2	4.8	6.5	1.4	8.5	11.9	350	15	12.5	32	0.7	1.9	Fine, became cloudy. Showers late eve					
Mon	29	1017.0	9.2	3.9	6.6	0.4	8.3	11.6	320	03	7.2	24	1.5	2.0	Bec cldy by dawn but with xlnt viz. Rain & drz from mid eve					
Tue	30	1019.7	11.3	8.7	10.0	2.4	8.8	11.4	270	11	18.6	39	6.6	0.5	Cloudy with rain & drizzle early & again from mid morning					
MEAN		1020.0	11.8	8.3	10.0	5.2	11.2	12.9	N	9.1	9.3	TOTAL	40.6	67.9	27th - Storm 'Arwen'					
30 YEAR AVG		1014.1	12.1	8.4	10.3	5.7	10.7	12.3	SW	12.5	12.7	////	106.7	76.8						
1991-2020																				
Diff from prev Avg		-1.2mb	+0.3°C	+0.3°C	+0.4°C	+0.4°C	+0.2°C	+0.2°C	SW	-0.3Kt	-0.3Kt		+2.4mm	-1.0hrs						
EXTREMES		NUMBER OF DAYS WITH	RAIN	WET	SNOW/	HAIL	THUNDER	LGHTNG	AIR	GROUND	FOG	FOG	GALE	NO	TOTALS FOR YEAR TO DATE					
ARE IN			≥0.2µµ	≥1.0µµ	SLEET				FROST	FROST		9a.m.	SUN							
BOLD TYPE			18	11	0	4	0	0	0	0	1	0	0	3						
RECORDS FROM JANUARY 1947															RAINFALL		671.7 mm	SUNSHINE		1866.1 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		149	SUNLESS DAYS		24
DAY/YEAR		15th/1975	YEAR		1978	DAY/YEAR		28th/2010	YEAR		2015	YEAR		2006	WET DAYS		111			
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 2021

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	1004.7	12.0	7.2	9.6	7.3	9.6	11.3	310	21	18.5	40	0.7	3.0	Fair to cldy with sct rain shwrs, occn hvy with hail early am		
Thu	2	1013.4	8.4	4.4	6.4	0.8	9.0	11.3	320	13	9.6	26	12.2	5.3	Cldy with occn shwrs am, occn fair pm with xln't viz		
Fri	3	1008.0	12.5	3.8	8.2	-2.7	8.4	11.2	270	13	14.6	34	16.3	NIL	Cloudy with persistent rain. Occasional hill fog		
Sat	4	1004.2	12.4	5.5	9.0	6.9	9.2	11.1	310	18	17.7	36	2.0	2.8	Drz & fog early, bec fair with sct rain/hail shwrs, frqnt pm & eve		
Sun	5	1009.6	9.2	5.9	7.6	1.3	8.8	10.9	320	21	16.0	34	TR	3.1	Fair to cldy with occn shwrs am & late eve		
Mon	6	1012.8	11.6	5.4	8.5	-0.5	8.6	10.9	200	15	13.6	36	2.3	1.5	Cldy with rain, drz & fog ptches, clrng @ noon to fair, isol shwrs		
Tue	7	1000.6	10.5	5.0	7.8	0.1	8.6	10.8	170	22	19.2	41	9.3	0.5	Fair bec cldy with rain clrng early pm, to fair with rain/hail shwrs		
Wed	8	995.3	8.6	5.2	6.9	2.4	8.3	10.7	300	14	16.3	38	0.4	0.3	Cldy with frqnt rain/hail shwrs. T/storm 0119hrs		
Thu	9	1006.8	11.9	6.4	9.2	2.3	7.9	10.6	260	11	14.5	39	10.9	0.6	Cldy with rain/hail shwrs am. Rain, drz, mist & fog pm clrng eve		
Fri	10	1003.3	10.8	6.7	8.8	2.7	8.4	10.5	320	17	17.4	45	TR	0.7	Cldy am with frq rain/hail shwrs, fair/cldy pm. Cldy eve		
Sat	11	1018.5	12.1	8.1	10.1	5.1	8.2	10.4	250	07	10.3	23	0.5	NIL	Cloudy. Rain, drizzle, mist arriving late am with occ hill fog		
Sun	12	1023.3	12.5	11.2	11.9	10.1	9.2	10.3	220	13	12.6	24	0.1	0.3	Rain and drizzle in early hours otherwise mostly cloudy		
Mon	13	1024.2	11.5	9.5	10.5	9.1	9.7	10.3	180	14	11.4	21	NIL	1.2	Cloudy slight drizzle am, some sun pm		
Tue	14	1029.3	11.9	9.8	10.9	8.9	9.9	10.4	200	06	6.8	13	TR	NIL	Cloudy, mist late pm & eve		
Wed	15	1032.6	11.2	5.9	8.6	9.2	10.1	10.6	170	08	6.9	14	TR(dew)	1.0	Cldy with light drz early am bec fair/fine late pm. Shallow fog eve		
Thu	16	1036.9	9.5	5.9	7.7	0.7	9.5	10.6	120	13	12.3	23	NIL	0.5	Fair, becoming cloudy by midday		
Fri	17	1037.8	11.0	8.1	9.6	5.1	9.2	10.7	070	12	14.1	31	NIL	7.0	Fine bec cloudy pm		
Sat	18	1034.9	9.4	6.7	8.1	4.5	9.0	10.6	080	16	13.4	26	NIL	7.3	Fine with occn low cloud at times		
Sun	19	1032.4	9.2	7.7	8.5	5.4	8.8	10.5	070	11	12.8	26	TR	1.6	Dew early. Mainly cloudy but with sunny intervals		
Mon	20	1026.0	8.1	4.7	6.4	6.6	9.0	10.4	090	14	13.4	26	NIL	NIL	Cloudy with occasional drizzle early morning		
Tue	21	1023.7	6.1	3.8	5.0	2.2	8.4	10.4	110	12	13.2	22	NIL	5.5	Mainly fine with odd cloudier spell		
Wed	22	1018.2	6.1	3.1	4.6	1.1	7.5	10.3	140	18	17.2	26	0.2	NIL	Fair bec cloudy by dawn, low cloud by evening		
Thu	23	1010.1	11.9	5.6	8.8	4.2	7.6	10.2	160	14	12.0	23	1.0	NIL	Fog & rain at first, bec fair by late pm with shallow fog by eve		
Fri	24	1004.7	10.6	8.8	9.7	4.7	8.4	10.0	180	12	10.2	22	3.7	NIL	Cloudy with occasional rain or showers pm		
Sat	25	1001.4	10.6	9.7	10.2	7.1	8.8	10.0	160	10	10.4	20	12.1	NIL	Rain,mist and hill fog am & again late pm. Some drier spells		
Sun	26	1001.6	11.8	9.0	10.4	8.9	9.3	10.0	240	10	8.6	19	7.8	1.8	Cldy, occn fair with early shwrs		
Mon	27	991.8	12.6	9.4	11.0	4.5	9.5	10.1	240	20	16.3	37	6.2	0.9	Mainly cloudy, with rain, heavy at times		
Tue	28	998.1	12.3	9.5	10.9	8.0	9.9	10.1	260	26	21.0	43	14.6	4.2	Cloudy with occn showers. Fine pm, bec cloudy eve with rain		
Wed	29	1006.8	13.3	9.5	11.4	8.8	10.1	10.2	240	23	18.8	34	1.0	NIL	Overcast with rain, drizzle, mist & hill fog		
Thu	30	1017.5	13.5	11.8	12.7	11.5	10.8	10.4	220	16	14.8	28	0.2	0.4	Mainly cldy with rain & drz am bec fair eve		
Fri	31	1019.2	13.5	11.2	12.4	9.3	10.8	10.5	220	13	12.4	26	TR	0.6	Mainly cloudy, a little rain/drizzle, became misty/foggy late eve		
MEAN		1014.4	10.9	7.2	9.1	5.0	9.0	10.5	S	14.6	13.8	TOTAL	101.5	50.1	7th - Storm 'Barra'		
30 YEAR AVG																	
1991-2020		1016.3	9.9	6.3	8.1	3.6	8.4	10.0	SW	13.3	13.6	////	119.3	58.3			
Diff from prev Avg		-0.1mb	+0.4°C	+0.3°C	+0.4°C	+0.2°C	+0.4°C	+0.4°C	SW	-0.2Kt	-0.1Kt		+6.4mm	+0.1hrs			
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			
		≥0.2mm	≥1.0mm														
		18	13	0	7	1	2	0	2	10	1	0	9				
RECORDS FROM JANUARY 1947														RAINFALL	773.2 mm	SUNSHINE	1916.2 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	167	SUNLESS DAYS	33				
DAY/YEAR	4th/2010	YEAR	2016	DAY/YEAR	24th/1963	YEAR	2015	YEAR	2001	WET DAYS	124						
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								

Seasonal data - Guernsey Airport 2021

Winter	2020/2021	30 Yr Avg	Anomaly/%
Rain (mm)	440.0	283.1	155.4
Sun (hrs)	207.7	207.3	100.2
Mean Max (°C)	9.2	9.2	0.0
Mean Min (°C)	5.5	5.5	0.0
Mean (°C)	7.3	7.4	-0.1

Spring	2021	30 Yr Avg	Anomaly/%
Rain (mm)	103.0	166.3	61.9
Sun (hrs)	653.6	574.9	113.7
Mean Max (°C)	12.1	12.6	-0.5
Mean Min (°C)	6.3	7.4	-1.1
Mean (°C)	9.2	10.0	-0.8

Summer	2021	30 Yr Avg	Anomaly/%
Rain (mm)	130.3	147.6	88.3
Sun (hrs)	645.7	726.0	88.9
Mean Max (°C)	18.9	19.1	-0.2
Mean Min (°C)	13.4	13.3	+0.1
Mean (°C)	16.2	16.2	0.0

Autumn	2021	30 Yr Avg	Anomaly/%
Rain (mm)	195.9	259.8	75.4
Sun (hrs)	421.8	380.8	110.8
Mean Max (°C)	16.0	15.2	+0.8
Mean Min (°C)	11.3	10.9	+0.4
Mean (°C)	13.6	13.1	+0.5

NB - 30 year average is 1991-2020

Seasonal data - Sark 2021

Winter	2020/2021	10 Yr Avg	Anomaly/%
Rain (mm)	420.8	312.5	134.7
Sun (hrs)	175.7	197.9	88.8
Mean Max (°C)	9.5	9.9	-0.4
Mean Min (°C)	5.5	6.0	-0.5
Mean (°C)	7.5	7.9	-0.4

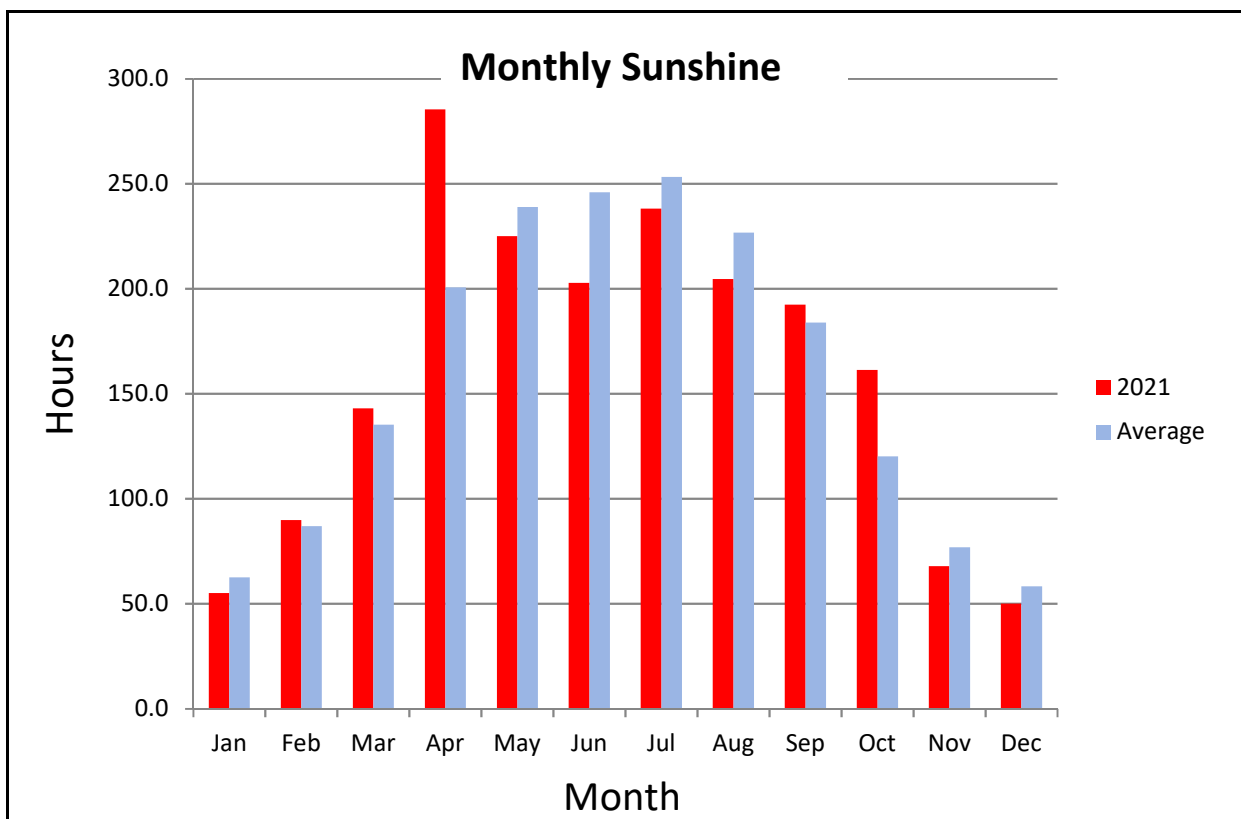
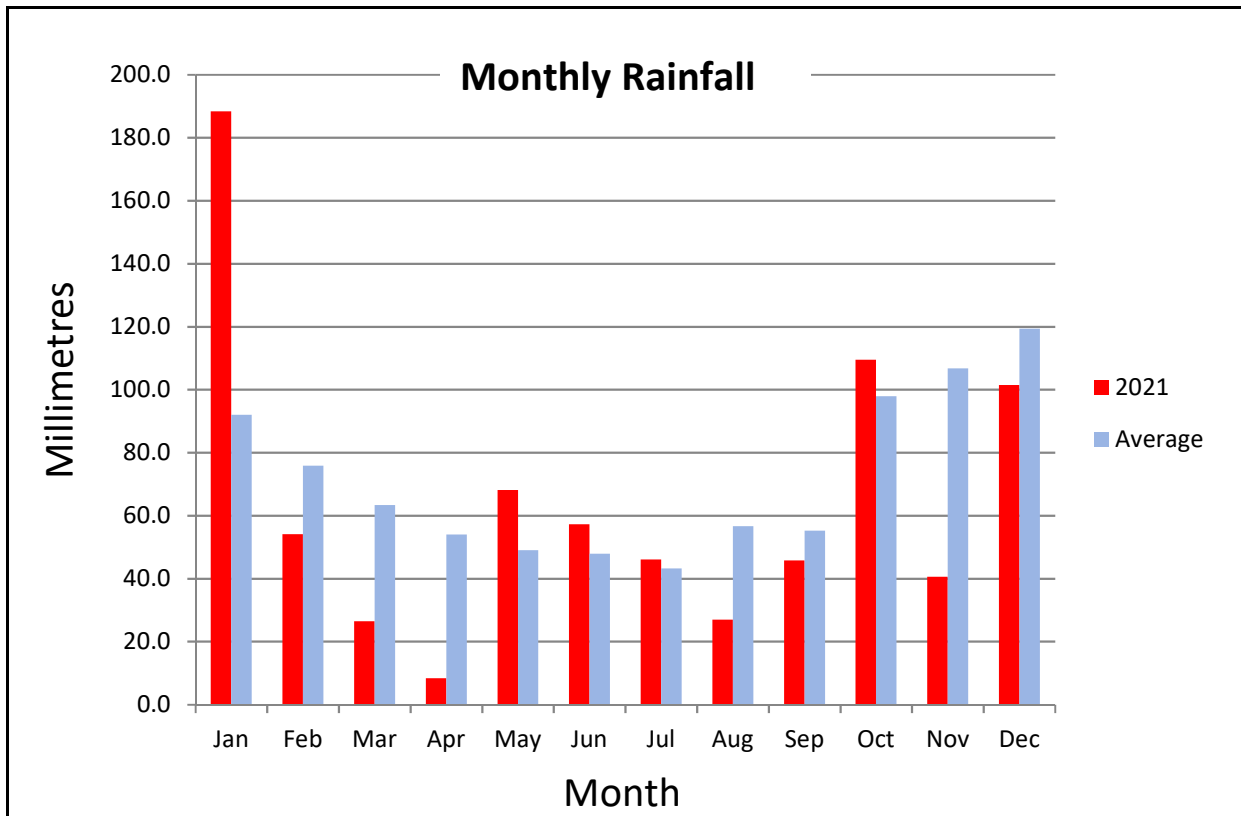
Spring	2021	10 Yr Avg	Anomaly/%
Rain (mm)	113.6	146.3	77.6
Sun (hrs)	677.0	637.2	106.2
Mean Max (°C)	13.0	13.7	-0.7
Mean Min (°C)	7.2	7.8	-0.6
Mean (°C)	10.1	10.7	-0.6

Summer	2021	10 Yr Avg	Anomaly/%
Rain (mm)	150.3	142.3	105.6
Sun (hrs)	634.4	764.9	82.9
Mean Max (°C)	19.9	20.3	-0.4
Mean Min (°C)	13.7	13.4	+0.3
Mean (°C)	16.8	16.9	-0.1

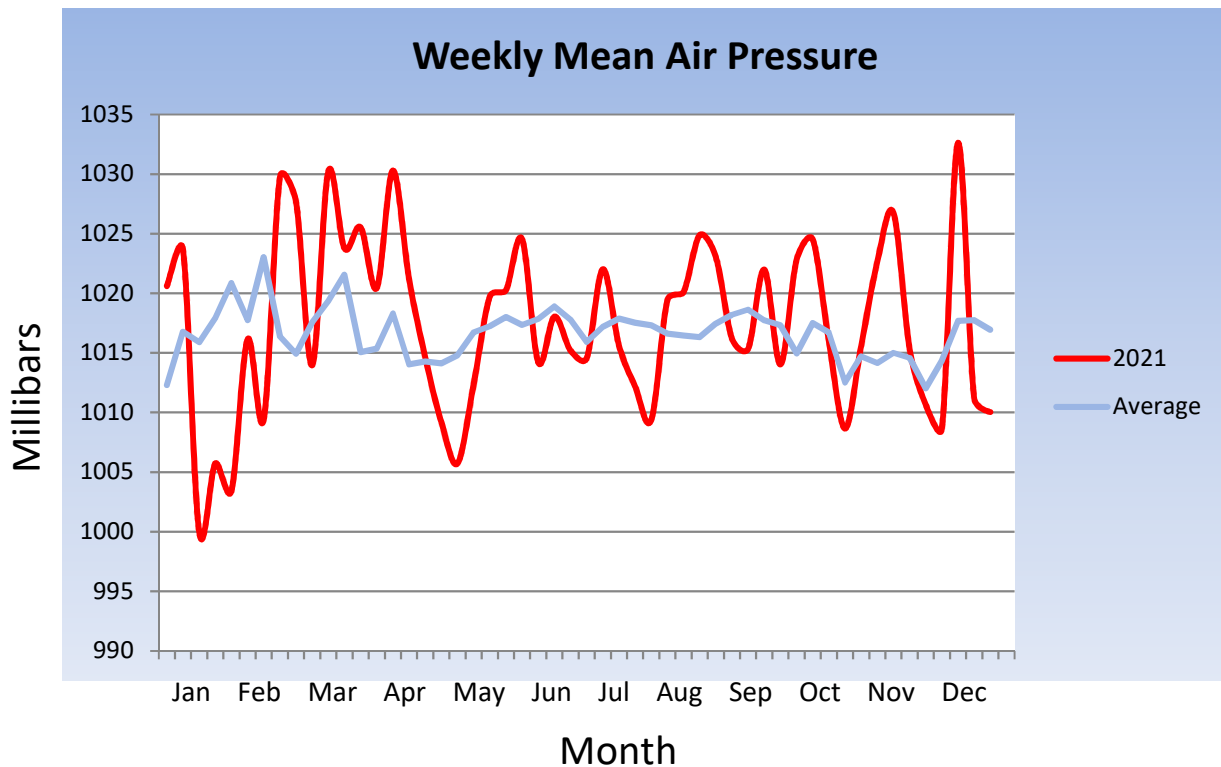
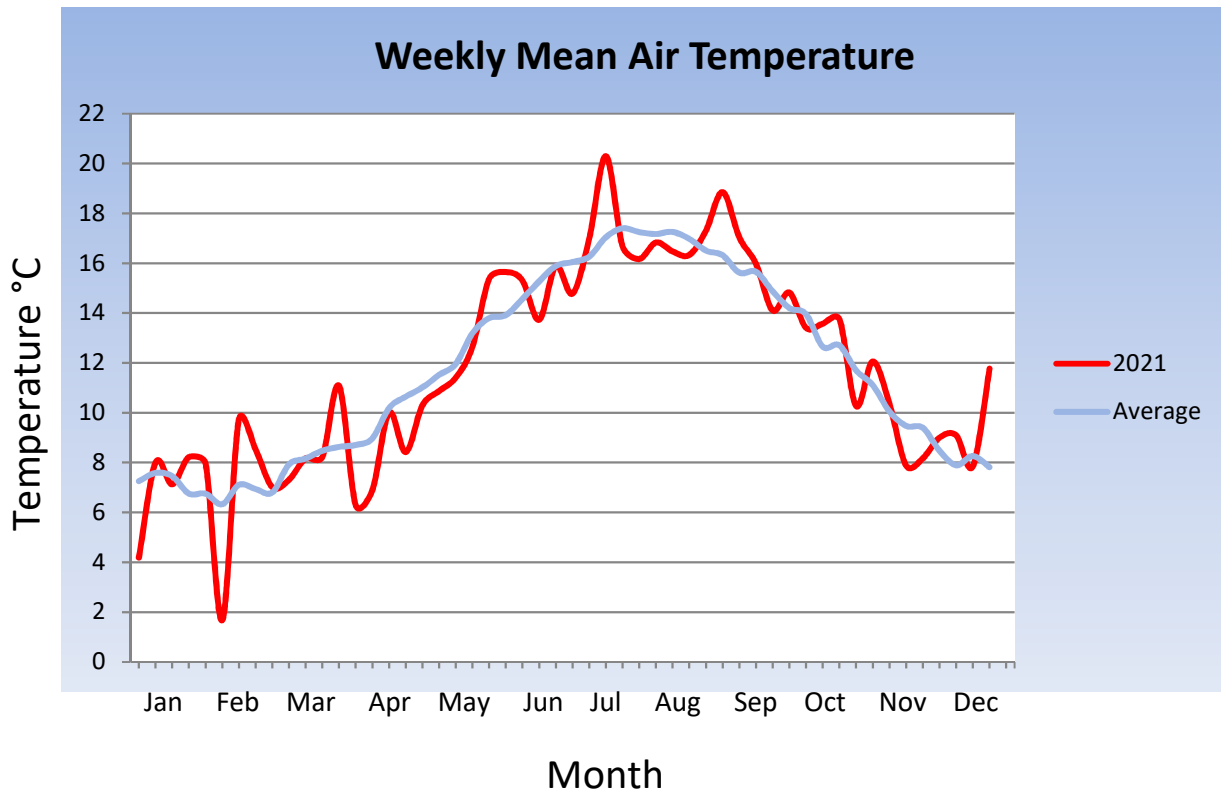
Autumn	2021	10 Yr Avg	Anomaly/%
Rain (mm)	236.7	266.5	88.8
Sun (hrs)	402.0	381.9	105.3
Mean Max (°C)	16.7	16.1	+0.6
Mean Min (°C)	11.6	11.3	+0.3
Mean (°C)	14.2	13.7	+0.5

NB - 10 year average is 2011-2020

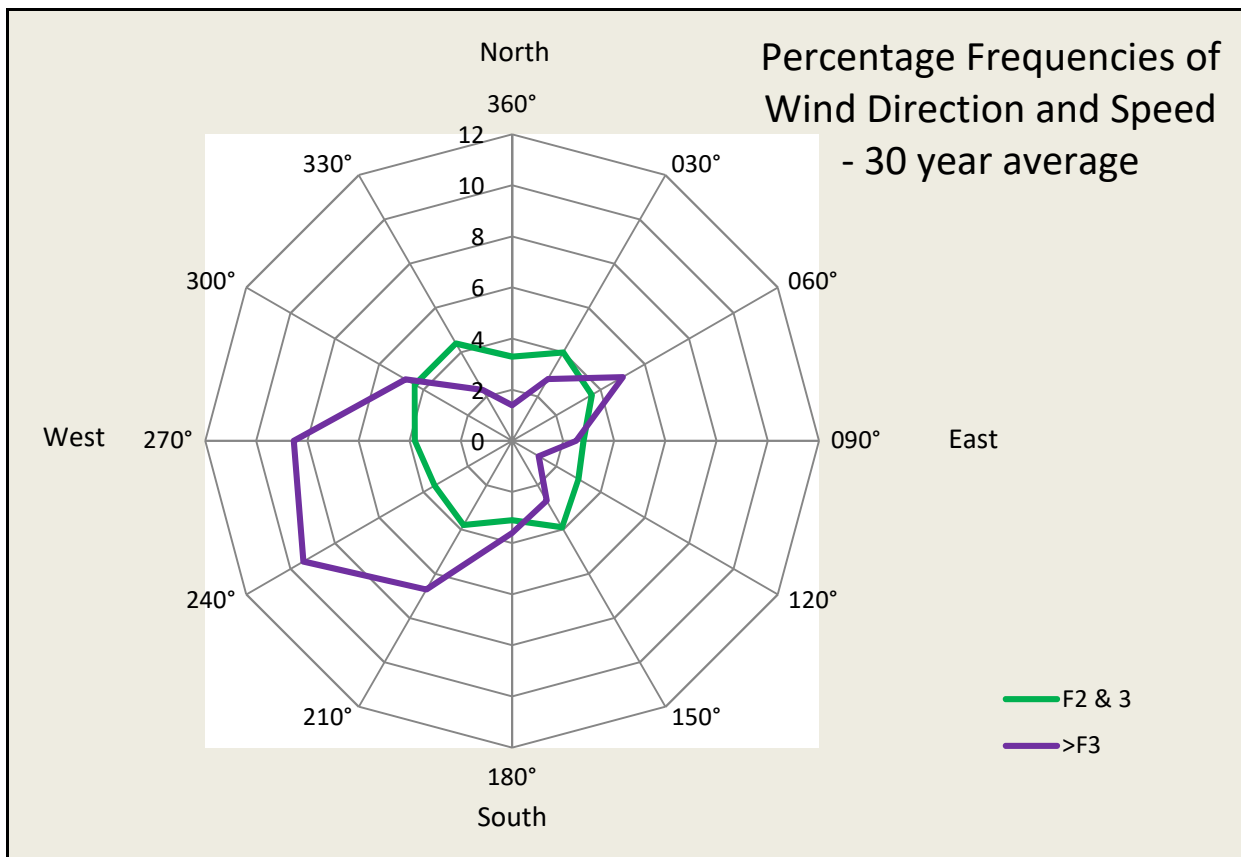
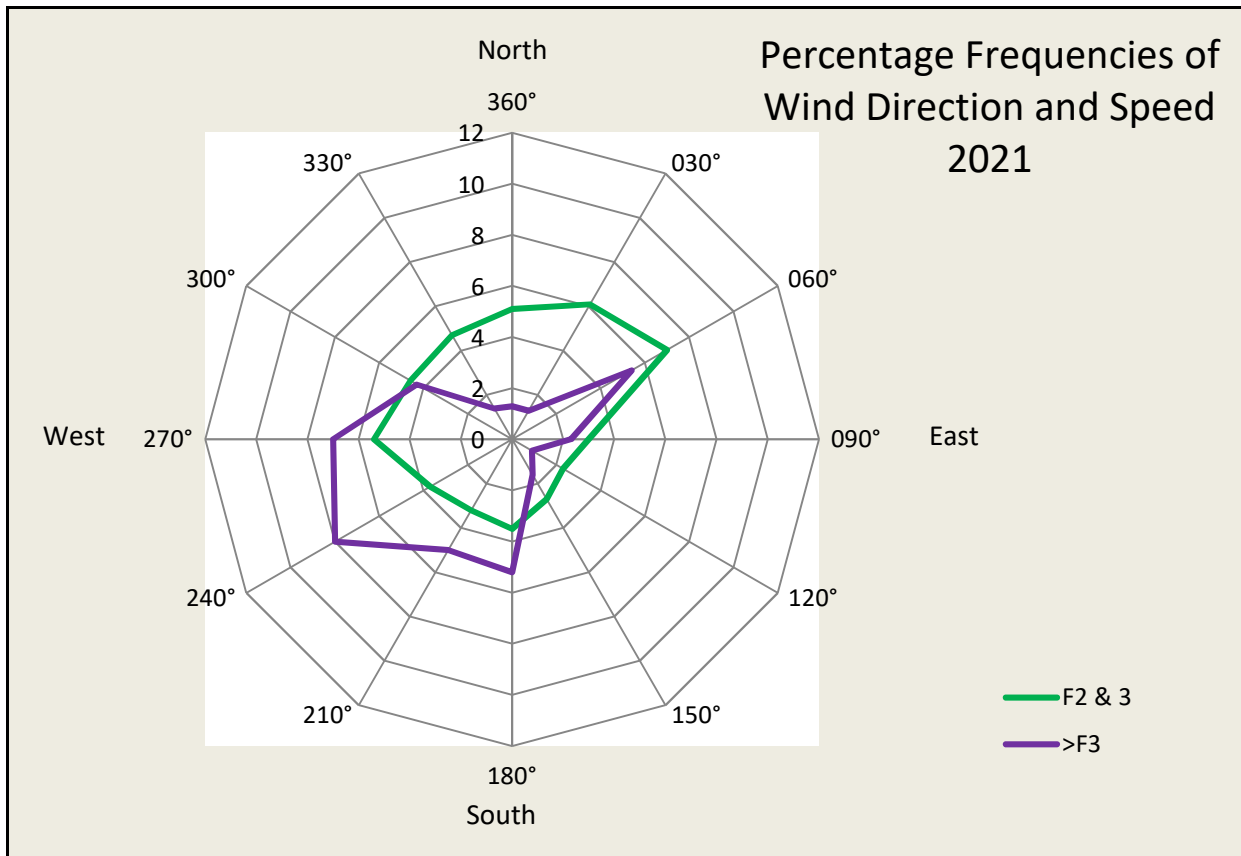
Guernsey Met Office



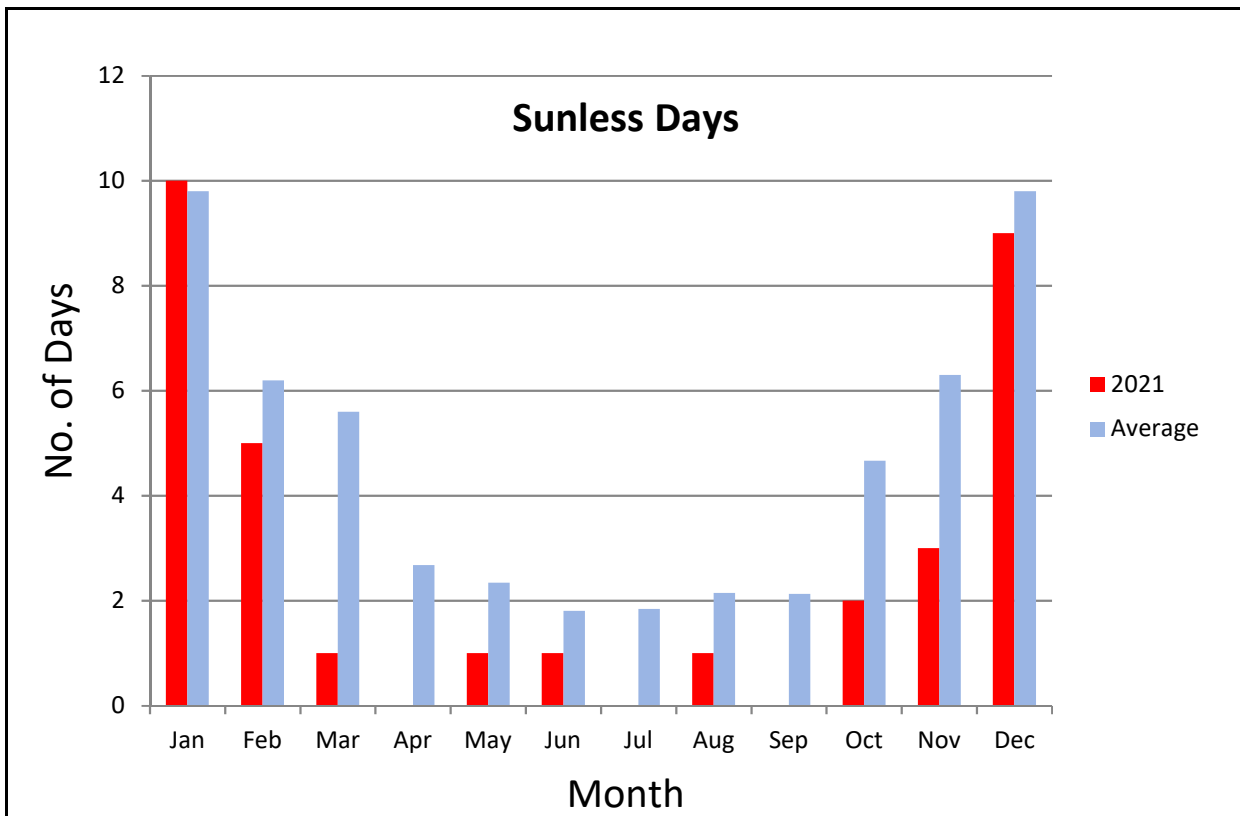
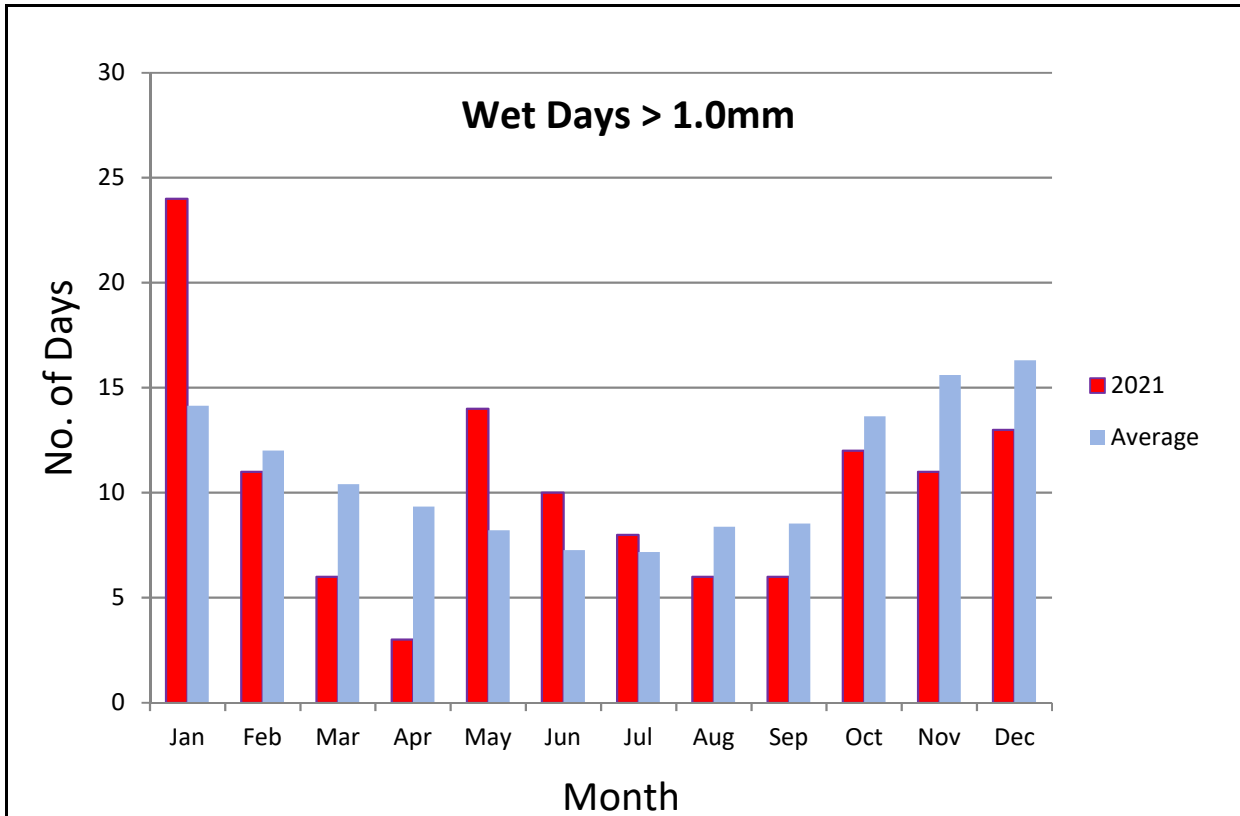
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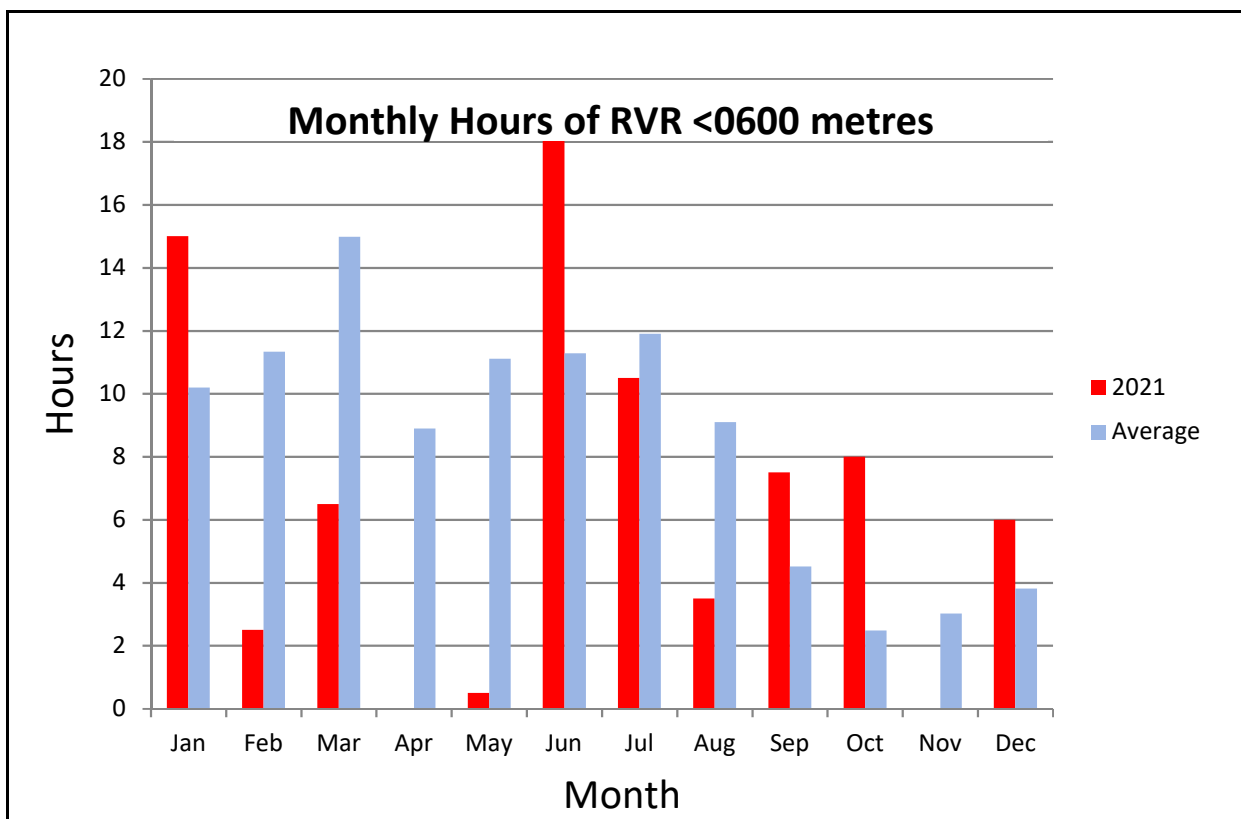
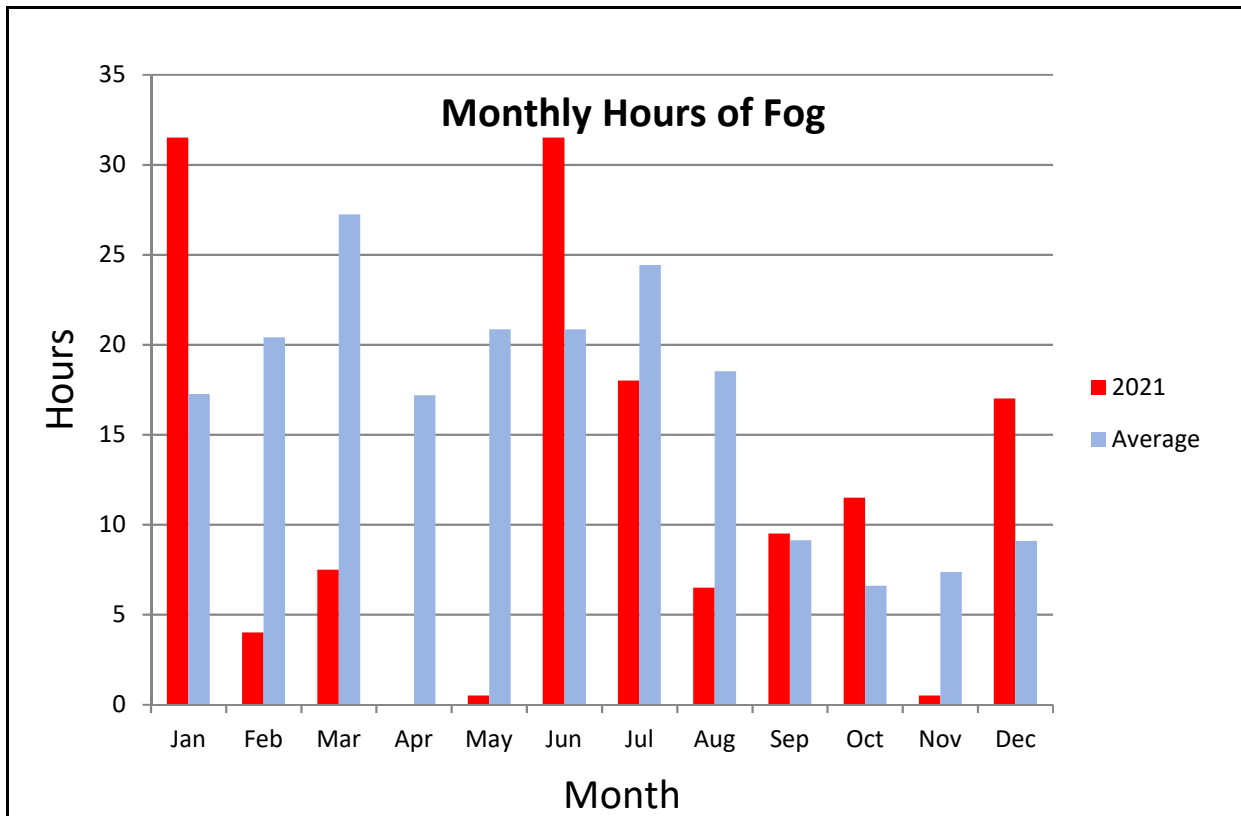
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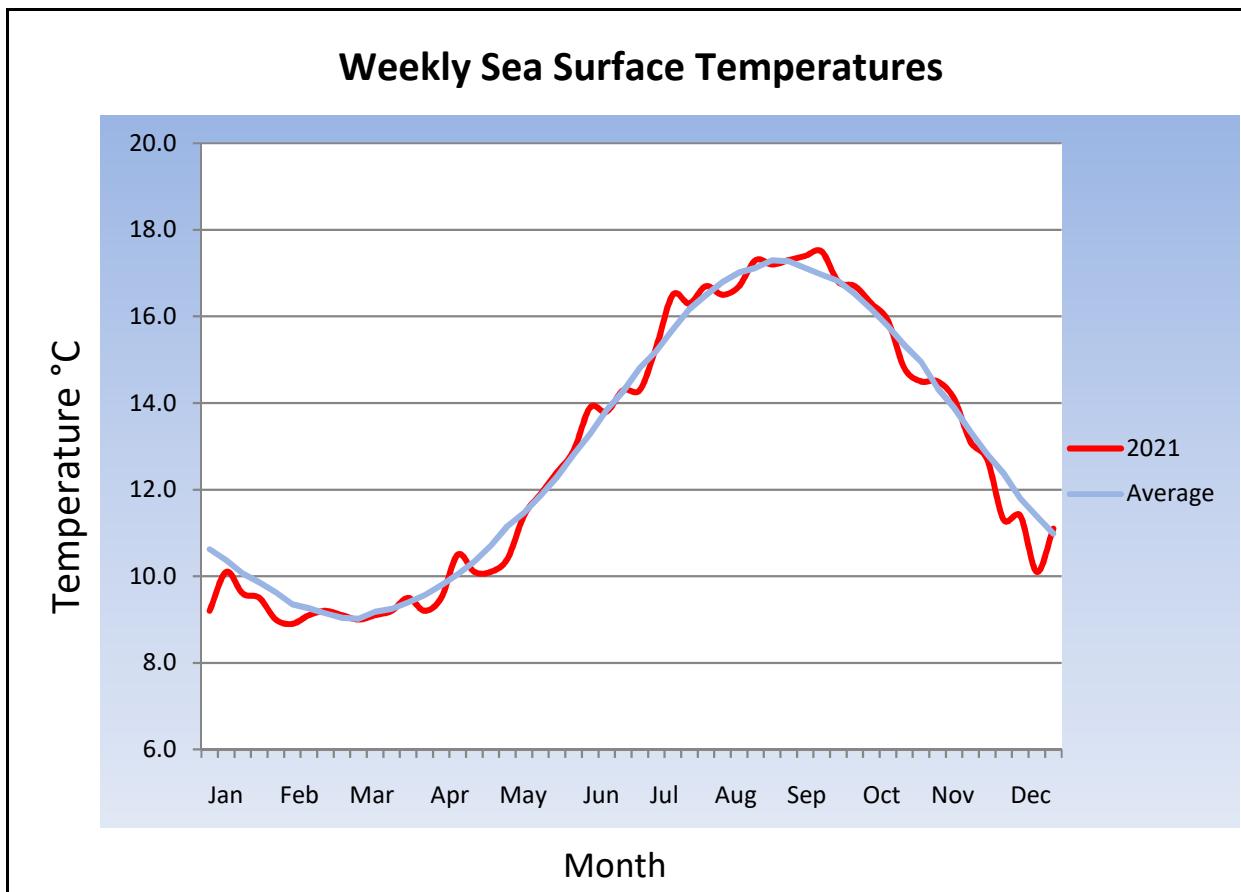
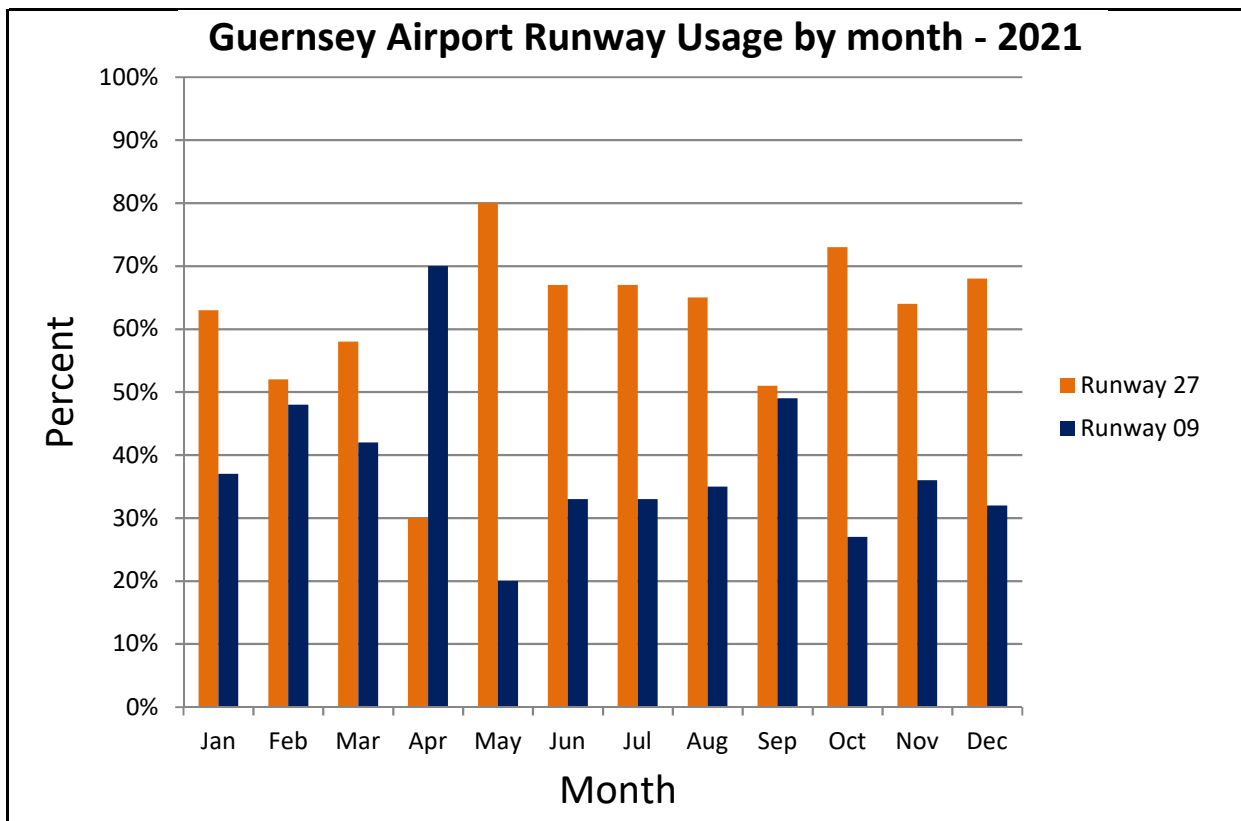
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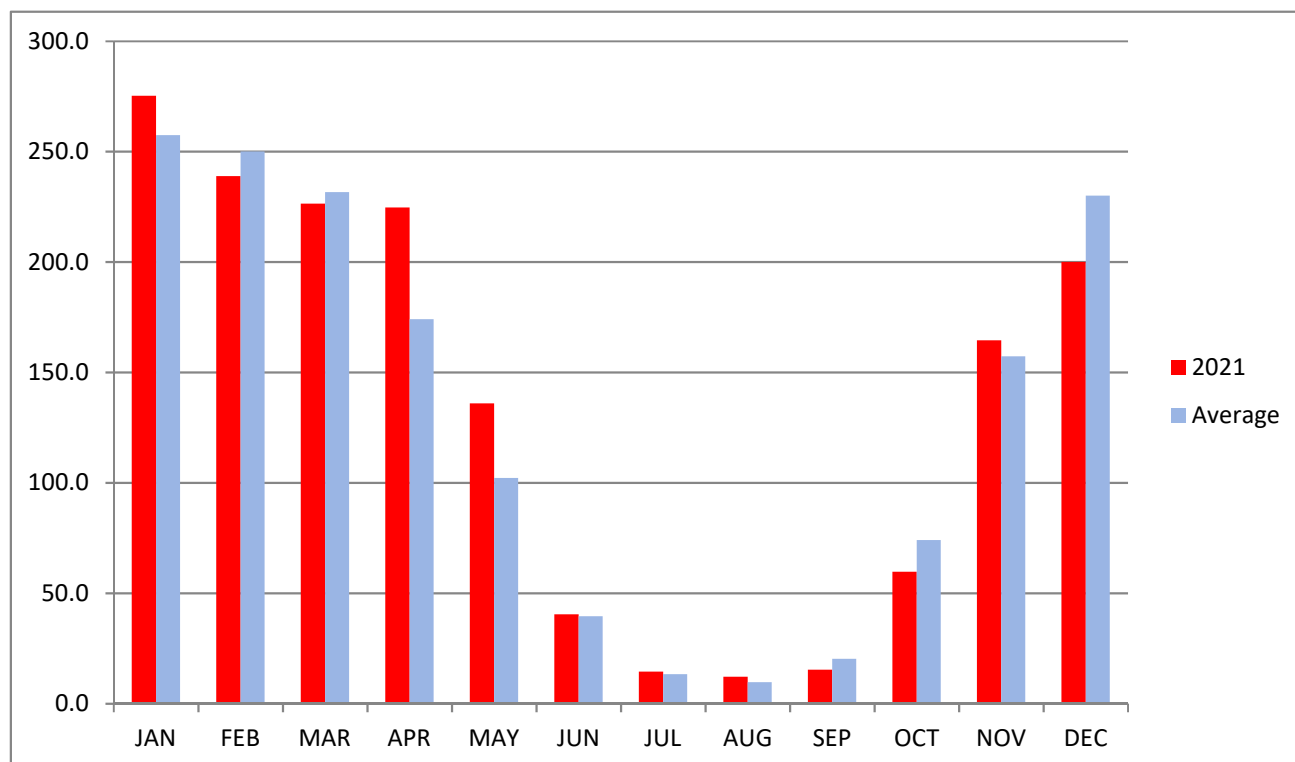
Degree Days

Monthly accumulated Degree Days below 15.5°C

(Average figures use data from 1991 - 2020)

	2021	Average
JAN	275.3	257.5
FEB	238.9	250.0
MAR	226.4	231.6
APR	224.7	174.1
MAY	136.0	102.2
JUN	40.4	39.6
JUL	14.5	13.3
AUG	12.2	9.7
SEP	15.4	20.3
OCT	59.7	74.1
NOV	164.5	157.3
DEC	200.0	230.0
YEAR	1608.0	1559.7

Accumulated Degree Days



GUERNSEY AIRPORT SUNRISE/SUNSET TIMES

2022 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

22 DY		JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		22 DY
		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS	
1	S	0806	1622	T	0742	1706	T	0653	1753	F	0548	1842	S	0449	1927	W	0409	2008	F	0408	2020	M	0442	1951	T	0526	1854	S	0610	1749	T	0658	1649	T	0745	1614	1
2	S	0806	1623	W	0741	1708	W	0651	1755	S	0546	1843	M	0447	1929	T	0408	2009	S	0409	2020	T	0443	1949	F	0528	1852	S	0611	1747	W	0700	1647	F	0746	1613	2
3	M	0806	1624	T	0739	1710	T	0649	1756	S	0544	1845	T	0445	1930	F	0408	2010	S	0410	2019	W	0444	1948	S	0529	1850	M	0613	1745	T	0702	1646	S	0747	1613	3
4	T	0806	1625	F	0738	1711	F	0647	1758	M	0541	1846	W	0443	1932	S	0407	2011	M	0410	2019	T	0446	1946	S	0530	1847	T	0614	1743	F	0703	1644	S	0748	1612	4
5	W	0806	1626	S	0736	1713	S	0645	1759	T	0539	1848	T	0442	1933	S	0406	2012	T	0411	2019	F	0447	1945	M	0532	1845	W	0616	1741	S	0705	1642	M	0750	1612	5
6	T	0805	1627	S	0735	1715	S	0643	1801	W	0537	1849	F	0440	1935	M	0406	2013	W	0412	2018	S	0449	1943	T	0533	1843	T	0617	1739	S	0707	1641	T	0751	1612	6
7	F	0805	1628	M	0733	1716	M	0641	1803	T	0535	1851	S	0439	1936	T	0406	2013	T	0413	2018	S	0450	1941	W	0535	1841	F	0619	1737	M	0708	1639	W	0752	1612	7
8	S	0805	1630	T	0732	1718	T	0639	1804	F	0533	1852	S	0437	1938	W	0405	2014	F	0413	2017	M	0451	1940	T	0536	1839	S	0620	1735	T	0710	1638	T	0753	1611	8
9	S	0804	1631	W	0730	1720	W	0637	1806	S	0531	1854	M	0435	1939	T	0405	2015	S	0414	2016	T	0453	1938	F	0538	1837	S	0622	1732	W	0711	1636	F	0754	1611	9
10	M	0804	1632	T	0728	1721	T	0635	1807	S	0529	1855	T	0434	1941	F	0404	2016	S	0415	2016	W	0454	1936	S	0539	1835	M	0624	1730	T	0713	1635	S	0755	1611	10
11	T	0803	1634	F	0727	1723	F	0633	1809	M	0527	1857	W	0432	1942	S	0404	2016	M	0416	2015	T	0456	1935	S	0541	1832	T	0625	1728	F	0715	1634	S	0756	1611	11
12	W	0803	1635	S	0725	1725	S	0630	1811	T	0525	1858	T	0431	1943	S	0404	2017	T	0417	2014	F	0457	1933	M	0542	1830	W	0627	1726	S	0716	1632	M	0757	1611	12
13	T	0802	1636	S	0723	1726	S	0628	1812	W	0523	1900	F	0430	1945	M	0404	2017	W	0418	2013	S	0459	1931	T	0543	1828	T	0628	1724	S	0718	1631	T	0758	1611	13
14	F	0801	1638	M	0722	1728	M	0626	1814	T	0521	1902	S	0428	1946	T	0404	2018	T	0419	2013	S	0500	1929	W	0545	1826	F	0630	1722	M	0719	1630	W	0759	1611	14
15	S	0801	1639	T	0720	1730	T	0624	1815	F	0519	1903	S	0427	1948	W	0403	2018	F	0420	2012	M	0501	1927	T	0546	1824	S	0631	1720	T	0721	1628	T	0800	1611	15
16	S	0800	1641	W	0718	1732	W	0622	1817	S	0517	1905	M	0425	1949	T	0403	2019	S	0421	2011	T	0503	1926	F	0548	1822	S	0633	1718	W	0723	1627	F	0800	1611	16
17	M	0759	1642	T	0716	1733	T	0620	1818	S	0515	1906	T	0424	1950	F	0403	2019	S	0423	2010	W	0504	1924	S	0549	1820	M	0634	1716	T	0724	1626	S	0801	1612	17
18	T	0758	1644	F	0714	1735	F	0618	1820	M	0513	1908	W	0423	1952	S	0403	2020	M	0424	2009	T	0506	1922	S	0551	1817	T	0636	1714	F	0726	1625	S	0802	1612	18
19	W	0757	1645	S	0713	1737	S	0616	1822	T	0511	1909	T	0422	1953	S	0404	2020	T	0425	2008	F	0507	1920	M	0552	1815	W	0638	1712	S	0727	1624	M	0802	1612	19
20	T	0757	1647	S	0711	1738	S	0613	1823	W	0509	1911	F	0420	1954	M	0404	2020	W	0426	2007	S	0509	1918	T	0554	1813	T	0639	1710	S	0729	1623	T	0803	1613	20
21	F	0756	1648	M	0709	1740	M	0611	1825	T	0507	1912	S	0419	1956	T	0404	2020	T	0427	2006	S	0510	1916	W	0555	1811	F	0641	1709	M	0730	1622	W	0804	1613	21
22	S	0755	1650	T	0707	1742	T	0609	1826	F	0505	1914	S	0418	1957	W	0404	2021	F	0429	2004	M	0512	1914	T	0557	1809	S	0642	1707	T	0732	1621	T	0804	1614	22
23	S	0753	1651	W	0705	1743	W	0607	1828	S	0503	1915	M	0417	1958	T	0404	2021	S	0430	2003	T	0513	1912	F	0558	1807	S	0644	1705	W	0733	1620	F	0804	1614	23
24	M	0752	1653	T	0703	1745	T	0605	1829	S	0501	1917	T	0416	1959	F	0405	2021	S	0431	2002	W	0514	1910	S	0600	1804	M	0646	1703	T	0735	1619	S	0805	1615	24
25	T	0751	1655	F	0701	1746	F	0603	1831	M	0459	1918	W	0415	2000	S	0405	2021	M	0432	2001	T	0516	1908	S	0601	1802	T	0647	1701	F	0736	1618	S	0805	1616	25
26	W	0750	1656	S	0659	1748	S	0601	1832	T	0458	1920	T	0414	2002	S	0406	2021	T	0434	1959	F	0517	1906	M	0603	1800	W	0649	1659	S	0738	1617	M	0806	1616	26
27	T	0749	1658	S	0657	1750	S	0559	1834	W	0456	1921	F	0413	2003	M	0406	2021	W	0435	1958	S	0519	1904	T	0604	1758	T	0650	1657	S	0739	1616	T	0806	1617	27
28	F	0748	1700	M	0655	1751	M	0556	1835	T	0454	1923	S	0412	2004	T	0406	2021	T	0436	1957	S	0520	1902	W	0605	1756	F	0652	1656	M	0741	1616	W	0806	1618	28
29	S	0746	1701				T	0554	1837	F	0452	1924	S	0411	2005	W	0407	2021	F	0438	1955	M	0522	1900	T	0607	1754	S	0654	1654	T	0742	1615	T	0806	1619	29
30	S	0745	1703				W	0552	1839	S	0450	1926	M	0410	2006	T	0408	2020	S	0439	1954	T	0523	1858	F	0608	1751	S	0655	1652	W	0743	1614	F	0806	1620	30
31	M	0744	1705				T	0550	1840				T	0410	2007				S	0440	1953	W	0525	1856				M	0657	1650				S	0806	1621	31

Prepared by the Guernsey Meteorological Office. The States of Guernsey cannot accept responsibility for any consequence arising from the use of this data.

Times are UTC (=GMT)

Additional Information:

St Peter Port Tides 2022:

<http://www.harbours.gg/CHttpHandler.ashx?id=148399&p=0>

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

Ormering Tides 2022:

<https://seeker.gg/Tides/Ormer>

Lihou Causeway Times 2022:

<http://www.gov.gg/CHttpHandler.ashx?id=148854&p=0>