

Guernsey Met Office

2023 Annual Weather Report

Including data from Sark



The 2023 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

On behalf of



Front cover photo:

Hazy morning sunshine on Guernsey's north coast, Wednesday 6th September, the result of atmospheric Saharan dust. The temperature reached 28.3°C later that day and a long settled spell contributed to this being the warmest month of 2023.

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2023 – Senior Met Officer’s report on local weather and climate

In the near 250 years that weather observations have been recorded in Guernsey, in one form or another, never have weather and climate events been as front and centre as they are today on a local, national and international level. Nightly news reports from the town of Lahaina on Maui, Hawaii, devastated by wildfire, app notifications of Yellow Snow warnings briefly causing excitement at the thought of a snow day until the realisation that ‘working from home’ is now a thing, and amateur weather enthusiasts with their ever-impressive home weather stations. Our interest in the weather and the impacts it has on our daily lives is clear and that can only be a good thing.


Storm Ciarán

Every year as autumn arrives, and the inevitable Atlantic storms develop, the comparisons to the famous storm of 1987 will usually follow. The now infamous Michael Fish report at lunchtime on 15th October that year became the stuff of legend among weather professionals. Informing viewers there would be no hurricane forthcoming, and technically he was correct, Hurricane Force winds were experienced during the night of 15th including across the Channel Islands. Weather forecasts had focussed on the heavy rain associated with this very deep depression rather than the strong winds and a reliable track of the low-pressure system was only becoming clear 24 hours ahead of its arrival.

Fast forward thirty-six years and we have a new storm to which Millennials and Gen-Z can relate. Storm Ciarán. The third named storm of that season, incidentally the naming of storms since 2015 aids communication of approaching severe weather with the aim of keeping the public safe, was officially named by the UK Met Office on Sunday 29th October a full 3 days ahead of its impact. Confidence in the likely track of the system and forecast wind strengths was high from the outset, giving emergency planners and the Bailiwick community the best possible opportunity to prepare for the approaching severe weather.

Multi-agency briefings across the Channel Islands were taking place regularly from Monday 30th, public advisories issued through the media and other available channels, a Storm Warning was issued by Jersey Met on 31st October along with the initial Red Wind Warning (upgraded from the Yellow and Orange Warnings already in place) and Thunderstorm Warnings.


By the time the storm arrived on the evening of Wednesday 1st, all reasonable preparations to reduce risk to life and property damage were in place, including the closing of schools for the following day, business’ instructing staff to work from home, avoidance of all but essential travel, and the repositioning of all commercial aircraft that would usually stop in Guernsey overnight to airfields away from the worst impacts of Ciarán.

 **Jersey Met** Wind Warning Service

Channel Islands Shipping Area Wind Warning
C.I. Warnings cover the area bounded by the French coast between Cap de la Hague and Ile de Brehat, 50 degrees north and 3 degrees west.

Warning Level
Red

Wind Warning 1/11
Issued 08:52 UTC Wednesday 01 November 2023



S to SE severe gale F9 with gusts to 60kt expected soon veering SW to W violent storm F11 with gusts to 85kt later.

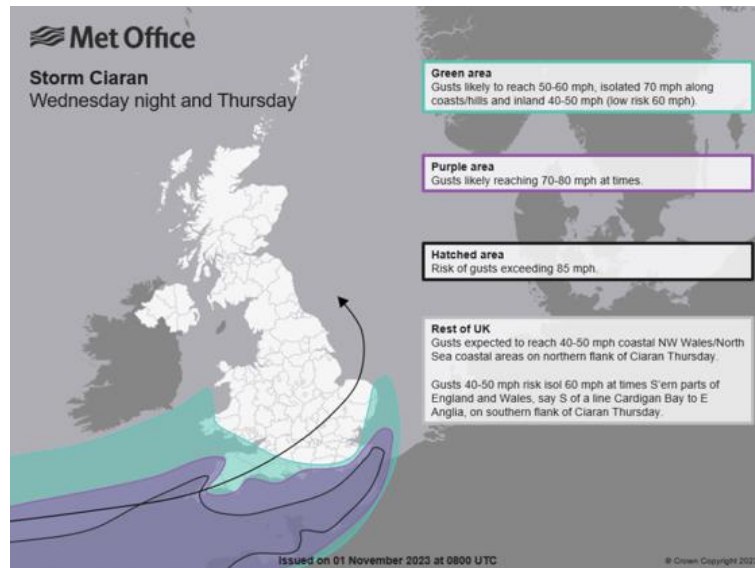
IMMINENT	0 to 6 hours from the time of issue.
SOON	6 to 12 hours from the time of issue.
LATER	More than 12 hours from the time of issue

For the wind forecast specific to Jersey see <https://www.gov.je/weather/>
For the wind forecast specific to Guernsey see <https://www.gov.je/weather/guernsey-forecast>

South Cone at Fort Regent Signal Station

COLOUR	WARNING	ACTION
GREEN	NO WARNING	None
YELLOW	STRONG WIND	Caution with wind sensitive activity. Secure loose objects.
ORANGE	GALE	Remain vigilant. Check the latest forecast.
RED	STORM	Avoid outside activity. Follow advice of authorities.

The forecast track of the system had proved reliable, and whilst the Bailiwick escaped the strongest winds a mean wind speed of 50 knots (Force 10) and maximum gust of 68 knots (Force 12) was recorded at Guernsey Airport around sunrise on Thursday. The Islands' woke to fallen trees and missing roof tiles, with some facing significant damage to property but fortunately nothing life threatening. It is impossible to know what additional damage may have occurred with less preparation, but the general view was that we had escaped the worst. So, what of the forecast 100mph winds?



Forty miles to the SE, Jersey experienced the full force of Ciarán, with mean wind speeds of 60+ knots and gusts exceeding 88 knots at Jersey Airport. Reports of a tornado touching down have since been verified, leaving an 8km trail of destruction through Jersey's eastern parishes. Assessed a T6 intensity tornado, wind speeds in the range of 161-186mph were likely, and the devastation supported that – no amount of preparation was going to prevent the damage wreaked on this occasion.

As the Channel Islands entered the recovery phase and Storm Ciarán moved into Europe, the accuracy of forecasting and presentation skills of those conveying it did not pass unnoticed. Whilst Ciarán can be added to the list of storms to affect this part of the British Isles, one particular weather report from 1987 stands alone, like folklore.

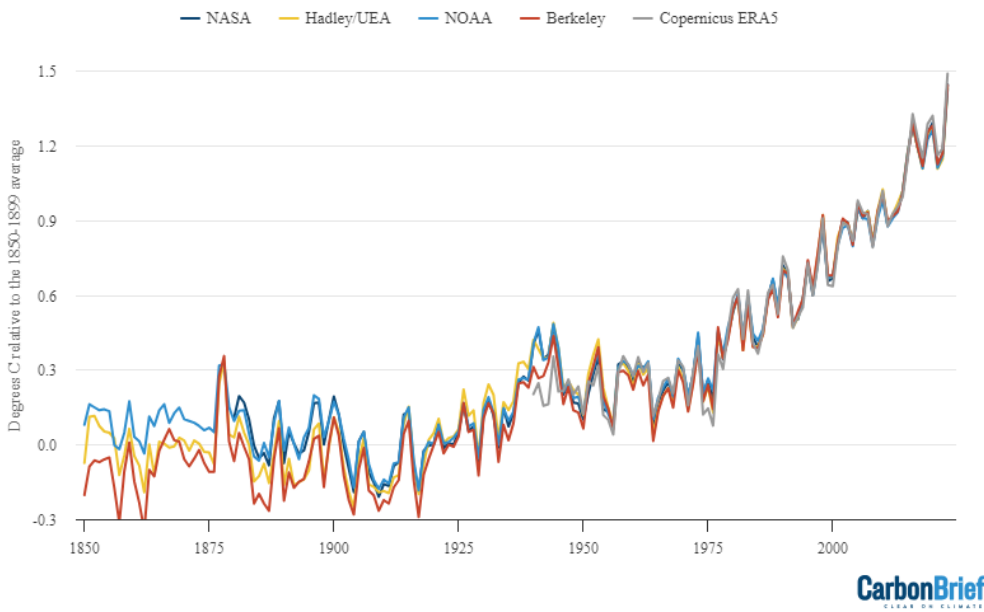
Climate change

At a global level, Dubai was the host for the latest “conference of the parties” with Cop28 initially making headlines for the record number of fossil fuel representatives present. The takeaway headline from the international climate negotiations was more positive, with agreement reached by nearly every country in the world to “transition away from fossil fuels”.

Reports on climate change often refer to average global temperatures exceeding thresholds, specifically targets set by the Paris Agreement in 2015 limiting the rise to well below 2°C and preferably 1.5°C below pre-industrial levels. The World Meteorological Organization (WMO) has confirmed that 2023 was the warmest on record, with the annual average global temperature 1.45 ±0.12°C above pre-industrial levels (WMO, 2024).

WMO (2024), Available at <https://wmo.int/news/media-centre/wmo-confirms-2023-smashes-global-temperature-record> (Accessed 27/02/2024).

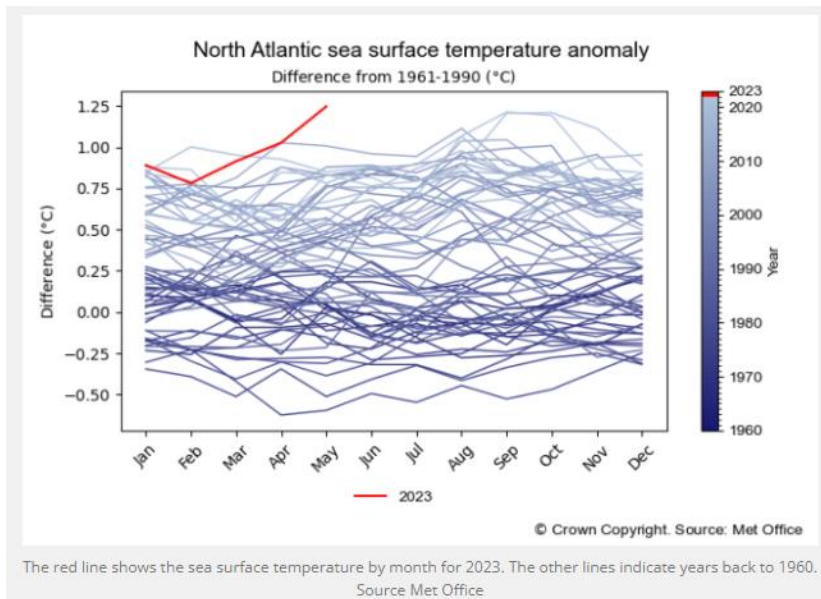
Global surface temperature records, 1850-2023



Annual global average surface temperatures over 1850-2023. Data from [NASA GISTEMP](#), [NOAA GlobalTemp](#), [Hadley/UEA HadCRUT5](#), [Berkeley Earth](#) and [Copernicus ERA5](#). Temperature records are aligned over the 1981-2010 period and use the average of NOAA, Berkeley and Hadley records to calculate warming relative to the pre-industrial baseline. Chart by Carbon Brief.

For Guernsey, the data provided in this annual report echoes this, with 2023 being the second warmest year on record, and only topped by a record set the previous year. Sea temperatures, recorded by Sea Fisheries, have also been increasing in recent years. Whilst this data is not as extensive as that we have for air temperature, 8 of the last 10 years have seen sea temperatures above the long-term average. This tallies with a recent UK Met Office report noting North Atlantic sea surface temperatures as the warmest on record.

What will 2024 be remembered for? Given the current El Niño event warming the tropical Pacific, added to the ongoing anthropogenic warming, further records are expected. The possibility of the first year where the 1.5°C Paris Agreement threshold is reached, in the year that Paris hosts the XXXIII Olympiad? Peut-être.



The red line shows the sea surface temperature by month for 2023. The other lines indicate years back to 1960. Source Met Office

2023 Weather Headlines

- **January** - Very much a month of two halves with over 95% of the total rain falling by the 17th and the daily mean temperature for that same period 9.1°C compared to just 6.0°C for the remainder of the month. Mild and damp Atlantic sourced weather gave way to cooler, drier more continental conditions through that third week with a 7 night run of consecutive ground frosts from the 17th. It was a milder than average month with more rain than we'd normally expect whilst sunshine was pretty much on a par with the long term average. Just one gale was recorded in the early hours of the 16th; leading to the highest gust of the month at 55 knots (63mph).
- **February** - Despite the cool finish to the month, February ended up slightly warmer than average due largely to milder Atlantic air at the start and again mid month. We also saw the sunniest February since 2019 with only 3 sunless days and despite a rather damp last day we recorded just 27.1mm of rain making this February the driest since 2004. The 12 months to 28th February recorded 2136.4hrs of sunshine, the highest such total since 1964. With a mean monthly Sea Level pressure of 1030hPa this was the highest reading for this month for 11 years. We also noted the lowest mean wind speed for this month for 25 years and at just 30 knots, the lowest maximum gust recorded since records began at the airport in 1947.
- **Winter 2022/23** - Winter was slightly milder than average at 7.7°C with no air frosts and the lowest air temperature being +0.3°C on 22nd January. All 3 winter months were very similar in mean air temperatures and whilst December and January together yielded some 10 inches of rain, February produced just over 1 inch leading to a very average overall total. Similarly sunshine totals were very close to the 30 year average, bolstered by February's 104.9 hours after disappointing totals from the 2 previous months.
- **March** - Wetter, duller, and slightly warmer than average. Low pressure was never too far away and as a result the average monthly pressure was the lowest since 2018. The month had almost double the average rainfall, making it the wettest March since 2001 with a total of 117.4mm of rain. With warm moist Atlantic air commonplace, the month saw 14 days with fog observed, the highest number for 26 years. It's unsurprising then that only 93.5 hours of sunshine were recorded, making it the duller March for 10 years.
- **April** - A cool start to April was offset by a warmer finish resulting in the average monthly mean temperature to exactly mirror the long term average of 9.7°C. Only once did we reach the higher teens, with 16.0°C on the 29th which together with 11.2 hours of sunshine made it arguably the nicest day of the month. Rainfall was slightly above average with 61.1mm making it the wettest April for 9 years and sunshine fell just short of the long term average at 186.1hrs. Storm 'Noa' on the 12th gave us the first April gale in 21 years and also yielded the month's highest gust of 54 knots (62mph).
- **May** - Very much a month of two halves; initially dull and damp, but with the advent of high pressure dominating from the 14th, the last two weeks were brighter and drier with no rainfall recorded at the airport after the 14th. The lack of rainfall in the second half of the month kept the total for May below the average, but at 32.9mm it was still two and a half times the total recorded in 2022. Sunshine levels were once again above the long term average, and a total of 278.3 hours made it the sunniest May since 2020. Although the monthly mean temperature was slightly above the average, the daily maximum temperatures were notably down on previous years. The highest maximum recorded was 17.7°C on the 2nd making it the coolest maximum temperature recorded for May since 1984. Similarly the lowest temperature recorded for May, 8.1°C on the 2nd, was in fact the highest May minimum ever recorded at the airport.
- **Spring** - Wetter, duller, and warmer than average. With March and April the wettest for 22 years and 9 years respectively, the dry end to May didn't stop it being the wettest Spring since 2014. It was also the duller for 5 years; with the May sunshine not enough to offset the previous two dull months. Spring also reflected the temperature trend seen in May as despite the above average mean temperature, it was the first time since 2009 that the maximum temperature didn't reach or exceed 20°C during the first five months of the year.

- **June** - Drier and brighter than average, and with a mean monthly temperature of 16.7°C, the 3rd warmest June on record after 1846 (17.3°C) and 1976 (also 16.7°, but fractionally warmer on rounding). With only 38.4% of the average rainfall it was the driest for 5 years and with 272.4 hours of sunshine, the sunniest since 2015. The mean monthly minimum temperature came in at 13.5°C, the highest recorded figure for June since records began at the airport.
- **July** - A rather disappointing month and whilst it was slightly warmer and drier than average, sunshine totals were the lowest for this month for 25 years. Some 44% of the month's rain fell in the last 2 days and it was also the windiest July since 2007. With an average monthly sea level pressure of just 1014.0hPa this was the lowest such figure since 1988 and the 2nd lowest figure since records began at the airport in 1947.
- **August** - August was generally disappointing as Atlantic low pressure dominated for most of the month with just 22.9°C recorded on the 10th as the month's top temperature. Despite this the monthly mean temperature was similar to the long term average, due mainly to the overnight minimums staying up above average. With just 179.2 hours of sunshine this was the dullest August for 8 years and 83.7mm of rainfall gave us the wettest since 2017. Some 50% of that total fell on the 1st (wettest August day since 1993) with another 14.2mm falling on the 31st. A maximum recorded gust of 44 knots on the 2nd was the highest noted for this month for 31 years.
- **Summer** – The season started well with the warmest June since 1976 with plenty of sunshine and well below average rainfall. July again was warmer and slightly drier but duller than average and August was dull and wet with only average temperatures. With a mean temperature of 17.0°C this was the 9th warmest summer since 1843 and despite a wet August we ended up slightly below average rainfall for those 3 months. Sunshine was some 56 hours down on the long term average due to both July and August being dull. The highest temperature recorded was 27.0°C on the 7th July and the lowest 10.1°C on the 3rd June.
- **September** - Following a very warm start to the month this ended up being the warmest September since our records began in 1843 with a mean monthly temperature of 18.3°C, some 1.2°C warmer than either July or August this year. A maximum temperature of 29.5°C on the 9th was also the highest recorded this year and the highest for this month since 1961. An overnight minimum of 19.3°C gave us the warmest September night since 2005. Some 88% of the month's rainfall fell over just 3 days but both rainfall and sunshine were very close in total to the long term averages for September. We also noted Sahara Dust on the 6th, some very lively thunderstorms on the 10th and 17th and storm 'Agnes' on the 27th. The 16th saw 27.2mm of rainfall, the wettest September day for 11 years.
- **October** - Although last October was warmer, with a mean monthly temperature of 14.8°C this was still the 6th warmest since our records began back in 1843. After a warm and dry start, the second half of the month yielded over 90% of the month's rainfall but sunshine overall was very close to the long term average. A maximum air temperature of 24.3°C on the 8th set a new record for October, surpassing 23.6°C set back in 2011. A mean monthly Sea Level pressure of 1008.3hPa was the lowest for October for 19 years.
- **November** - It was all about the rain this month with just over twice the average falling, particularly over the first half of the month, leading to the wettest month for 14 years and the second wettest November at the airport. With largely Atlantic influenced weather we noted another milder than average month although temperatures did fall away sharply at times in the last week. Storm 'Ciaran' produced the highest gust at the airport since January last year and the highest November gust since 2016 helping make this month the windiest of the year to date. Sunshine did well considering the very unsettled nature of the month, coming in at just a fraction below the long term average.
- **Autumn** - Sunshine totals were within 3 hours of the average but rainfall was well above due to the very wet November. With September being the warmest month of the year it was no real surprise to see this season overall being the second warmest on record after 2006.
- **December** - After a short cool snap to start the month, December was predominately about strong but mild southwest or westerly winds with resulting air temperatures well above average. With a mean temperature of 9.9°C it was the warmest December for 8 years and the 5th warmest since our records began in 1843. Sunshine came in well below average making it the dullest for 5 years and all that rain

led to the 2nd wettest for 10 years. With a mean speed of 15.6 knots it was also the windiest December since 2015.

- **2023** – With every month this year being at or above the average mean monthly temperature we ended up +0.9°C above the 30 year mean, making it the 2nd warmest year on record after 2022. Indeed, of the ten warmest years on record (since 1843), 8 have been since the year 2000. Despite being the 2nd warmest recorded we didn't manage to make 30°C at any time during the summer, the highest recorded temperature being 29.5°C on 9th September. That month was also the warmest of the year with a record breaking mean of 18.3°C, some 2.6°C higher than average.

No air frosts were noted through the year with the lowest recorded temperature being +0.3°C on 22nd January. We saw a couple of days with sleet or snow in January and March but no snow lying at any stage. An annual rainfall total of 1026.5mm was the 2nd highest since 2014 and only the 4th occasion when we've breached the 1000mm mark since the turn of the century. 46% of the annual rainfall fell in just the last 3 months of 2023. The wettest day of the year was 1st August with 42.1mm, the wettest day for that month for 30 years.

Sunshine was just below the average for the year at 1814.1hrs with May the sunniest month at 278.3hrs. The sunniest day was 15th June with 14.6hrs. December was the dullest with just 71.5hrs.

December was also the windiest month of the year with a mean of 15.6 knots but the year's highest gust came out of storm 'Ciaran' on the 2nd November with 68 knots. September as well as being the warmest month also turned out to be the least windy with just 8.9 knots.

November will probably be best remembered for storm 'Ciaran' with widespread damage across the islands, particularly in Jersey.

Warmer, wetter and just about duller than average, with a lot of Atlantic sourced weather especially during the last 2 months of 2023.

January

Low pressure blanketed much of Northern Europe as we started the New Year, with a series of fronts pushing up the Channel from the southwest. Rain arrived soon after dawn on the 1st becoming persistent through the day with drizzle and mist at times before clearing around mid evening. The clearance of this low eastward initially led to a rash of showers locally through the 2nd ahead of a brief ridge later that afternoon which gave us a few hours of sunshine. The next system was already waiting in the wings however, with a warm front arrival late morning on the 3rd. Again, the rain became persistent through the afternoon with drizzle, mist and hill fog patches by evening. The winds freshened too, from the southwest, with a solid F5 gusting to 35mph at times.

Mild Tropical air was being brought up over the islands with a low over Scotland as air temperatures across the Bailiwick reached 12°C. This broad area of mild but unsettled weather continued in to the 4th with further rain, drizzle, mist and fog patches, clearing only briefly late morning before returning that afternoon. This mobile run continued for the next couple of days with a mix of rain, drizzle and mist with the odd drier spell thrown in. A more noticeable change arrived early afternoon on the 7th with deep low pressure off the northwest coast of Ireland steering a series of fronts across the UK but with some cooler air being dragged down from the north following these fronts. Lively rain showers, often with hail, and single figure temperatures replaced the mild, dank spell of the previous week, still those fresh to strong southwesterly winds but with a tad more brightness between those showers.

Gradually that extensive area of low pressure eased away north and started to fill, leaving us in a brisk showery airflow and more seasonable air temperatures. The showers eased off through the afternoon of the 9th as a flat ridge briefly covered the UK ahead of the next warm front that arrived on our shores in the small hours of the 10th. Rain and drizzle affected the islands that morning with the corresponding cold front clearing through that evening with further rain, followed by a scattering of showers on the 11th. Those showers pepped up during that evening borne along on a strong southwest wind that gusted to 50mph at times.

Further rain and drizzle arrived late morning on the 12th as the next series of fronts swept in, again clearing to showers that evening. The showers continued through the 13th but thickening cloud that evening heralded the imminent arrival of the next system which brought further rain overnight through to the early afternoon of the 14th. Scattered showers that afternoon and evening became livelier overnight with hail and lightning recorded at times. Strong to gale force westerly winds through most of this last week also led to disruption of ferry sailings to and from the islands and UK. Blustery rain & hail showers continued through the 15th as well but became more isolated later that afternoon.

Of real interest though was a rapidly deepening little low pressure system developing just out to the west, which arrived later on the 15th. Rain arrived around mid evening, became heavy for a time before clearing to showers in the small hours of the 16th. Our winds veered sharply to the northwest as that low barrelled up the Channel just to the north of the islands with a maximum gust recorded at Guernsey Airport of 54.8 knots (63mph) at 0358hrs and 70 knots (81mph) at Alderney Airport at 0425hrs. Locally a number of trees were brought down by these winds primarily due to the unusual direction, just west of north (339°). As this low continued off to the northeast so we started to see much colder air being pulled down across western parts of the UK and northern France. By day's end on the 16th the mercury was showing just 3.8°C at the airport.

Further fronts within the general circulation brought more rain late on the 16th which became persistent and heavy overnight and with air temperatures barely making 3°C we saw some sleet mixed in for a time later that morning. This mixture of rain & snow eased off by mid afternoon but it remained cold. The 24 hour rainfall total ending 2100hrs on the 17th was 31.3mm leading to quite extensive flooding across parts of the island.

High pressure now building out in mid-Atlantic and extensive low pressure covering most of Europe combined to pull cooler air down across the UK resulting in much brighter, drier conditions across the Bailiwick albeit with a scattering of mostly light rain or hail showers. Winds were much reduced too and visibility within this airflow was generally very good. A low out to the west of us on the 19th slid by just to the south of the islands

providing a cloudier day with more widely scattered showers but once cleared we returned to those cool, calm, dry and clear conditions for the next few days.



Spectacular sky with *Cirrus* cloud just before sunrise on the 22nd. Overnight ground temperatures fell to -5.8°C.

Photo credit Laura Johns

Overnight clear skies and light winds led to a series of ground frosts, the lowest being the early hours of the 23rd where -6.0°C was noted at the airport, that's the lowest such reading since 3rd February 2019.

Gradually that Atlantic high slipped east over the UK to be replaced by the more traditional low pressure scenario with associated frontal systems nudging in to western parts of Wales and Scotland. An extensive area of low *Stratocumulus* cloud covered much of the UK ahead of this system with dull but calm conditions locally through the 24th. The fronts arrived in the Channel late on the 25th with patchy rain, drizzle, mist and hill fog much of that evening, clearing overnight.

High pressure built quickly following the clearance of these fronts, extending up from the southwest to cover much of the UK, but with a lot of cloud trapped under this high sunshine totals were small although that cloud cover did manage to stave off any potential overnight ground frosts. These settled conditions continued on until late on the 29th when a weak front dropped south in to the Channel with outbreaks of rain and drizzle as that high retreated southward. Conditions improved by mid morning on the 30th as a brief ridge again built in from the southwest but a weakening Atlantic system out to the west brought thickening cloud through the afternoon and in to the 31st with patchy rain and drizzle to close out the month.

January was very much a month of two halves with over 95% of the total rain falling by the 17th and the daily mean temperature for that same period was 9.1°C compared to just 6.0°C for the remainder of the month. Mild and damp Atlantic sourced weather gave way to cooler, drier more continental conditions through that third week with a 7 night run of consecutive ground frosts from the 17th. It was a milder than average month with more rain than we'd normally expect whilst sunshine was pretty much on a par with the long term average. Just one gale was recorded in the early hours of the 16th; leading to the highest gust of the month at 55 knots (63mph).

February

The last month of winter opened with the rather familiar pattern of deep low pressure to the north of Scotland and a belt of more settled high pressure over the Azores extending a ridge up in to the Southwest Approaches.

Any unsettled wet and windy weather was therefore restricted to more northern parts of the UK whilst we enjoyed rather quieter conditions across the islands albeit with gloomy skies with a smattering of light rain showers.

Cloudy conditions prevailed for the first few days with air temperatures on the mild side for early February as moderate westerly winds covered much of central and southern UK. By the 4th however, a weakening cold front started to drop down across the country with the promise of a slightly cooler flow behind. This front arrived in the Channel just before dawn on the 5th with outbreaks of mostly light rain or drizzle before clearing to brighter conditions through the day. Temperatures fell away slowly as our winds veered in to the northeast, dipping to around 5°C by mid evening. A recorded Sea Level Pressure of 1046.0hPa at 1018hrs on the 5th was the highest such reading for February since 1964.

That high pressure was now very much the dominating player for the UK weather, with light winds, cooler air temperatures and plenty of sunshine locally. Overnight clear skies led to a couple of sharp ground frosts on the 7th & 8th but the first week of the month ended with just 0.5mm of rainfall and 29.2hrs of sunshine.

Gradually though, that high slipped eastward to be centred over Moscow by noon on the 8th, but still managing to extend a ridge back across southern Britain as an active cold front slipped in across the northwest coast of Scotland bringing gales and outbreaks of heavy rain. This front continued to make its way south and east across the country but weakening as it neared the Channel. Locally, cloud thickened and lowered through the afternoon of the 9th with outbreaks of rain and drizzle from mid afternoon before clearing that evening. Clear skies and light winds led to some patchy shallow fog overnight but the 10th dawned fairly bright with light westerly winds.

High pressure was still the dominant feature across Europe, now centred over Germany but with a weak warm front just nudging its way along the south coast of England. This added cloud and moisture brought patchy hill fog with rain and drizzle to our shores later that evening which finally cleared around noon the following day. Fair or fine conditions settled in thereafter as that high remained slow moving over central Europe with a mild and gentle southeasterly flow up over the islands.

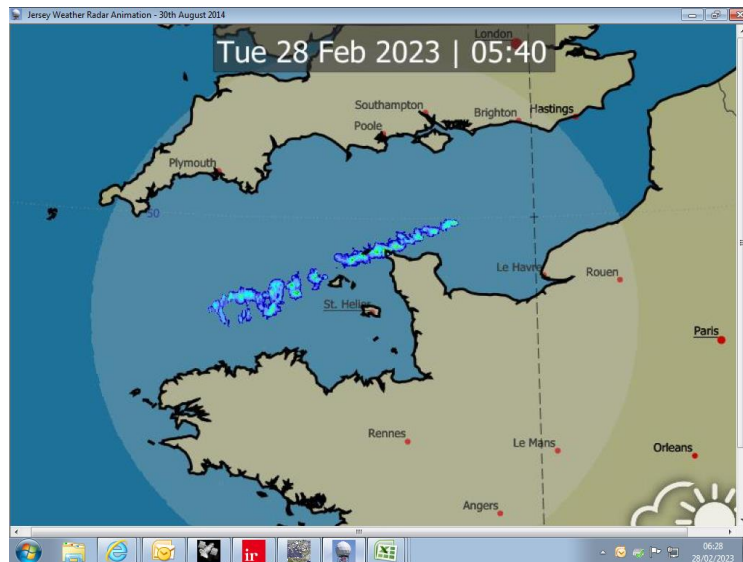
At 0259hrs on the 13th asteroid 'Sar2667' was observed entering the atmosphere just to the east of the island, disintegrating as it fell to earth. Reports suggest it burnt up over Normandy, northern France.

Plenty of sunshine and above average temperatures prevailed through to late afternoon on the 15th when we started to see that European high drift away eastward to allow a weakening Atlantic cold front to nudge in from the west, with thickening cloud bringing rain, drizzle and mist to the islands through the evening. Mild temperatures were still the order of the day with our weather now more tropically orientated but cloudier conditions brought outbreaks of light rain and drizzle with mist and hill fog to our shores. Less than 10 minutes of sunshine was recorded over the 3 day period 16th to 18th.

The Azores high was extending a ridge across Central Europe by now too, with weakening fronts draped across the UK. Benign but rather cloudy conditions ensued through the 19th and 20th under that high's influence but gradually this feature edged away eastward with a series of slow moving showery troughs nudging slowly up from France and Biscay by the 21st. Low cloud and mist by daybreak thickened in to hill fog by mid morning with scattered showers that afternoon turning to more general rain and drizzle during the evening and overnight in to the 22nd. A clearing cold front introduced cooler, fresher and brighter weather by noon but with just a few isolated showers that afternoon.

A large area of high pressure building in mid Atlantic was by now starting to dominate the UK weather, introducing cooler air from the northwest but rather cloudy skies locally as our winds settled in to the northeast for the 23rd with a rash of showers, occasionally heavy and with hail in the morning, through the day. Temperatures picked up slowly from just 4°C around dawn to 8°C by dusk but freshening northeast winds and mostly cloudy conditions continued to make it feel quite raw. Those showers continued overnight but became more isolated by dawn as that high further extended its influence across the islands.

The cool northerly flow across the UK brought a series of weak fronts down across the country in association with low pressure slow moving over Scandinavia. Those fronts led to a scattering of mostly light rain showers at times for us over the next couple of days but gradually that high edged eastward to be centred over Scotland by the 26th. Whilst this feature kept any frontal systems at bay it did set us up nicely for a fresh northeasterly down the Channel with the resulting cool, dry airflow picking up a rash of rain showers, occasionally with hail as well.



Jersey's Weather Radar showing a line of showers running down over the islands from the northeast.

This high remained slow moving to close out the month with a continuation of cool northeasterly winds, a scattering of rain or occasionally hail showers and air temperatures falling away to mid single figures celcius.

Despite the cool finish to the month, February ended up slightly warmer than average due largely to milder Atlantic air at the start and again mid month. We also saw the sunniest February since 2019 with only 3 sunless days and despite a rather damp last day we recorded just 27.1mm of rain making this February the driest since 2004. The 12 months to 28th February recorded 2136.4hrs of sunshine, the highest such total since 1964. With a mean monthly Sea Level pressure of 1030hPa this was the highest reading for this month for 11 years. We also noted the lowest mean wind speed for this month for 25 years and at just 30 knots, the lowest maximum gust recorded since records began at the airport in 1947.

Winter 2022/23 was slightly milder than average at 7.7°C with no air frosts and the lowest air temperature being +0.3°C on 22nd January. All 3 winter months were very similar in mean air temperatures and whilst December and January yielded some 10 inches of rain, February produced just over 1 inch leading to a very average overall total. Similarly the winter sunshine total was very close to the 30 year average, bolstered by February's 104.9 hours after disappointing totals from the 2 previous months.

Winter	2022/23	30 Yr Avg	Anomaly/%
Rain (mm)	277.1	283.1	97.9
Sun (hrs)	208.9	207.3	100.8
Mean Max (°C)	9.5	9.2	+0.3
Mean Min (°C)	5.8	5.5	+0.3
Mean (°C)	7.6	7.4	+0.2

March

The first month of meteorological Spring opened with an extensive area of high pressure centred between Iceland and Scotland with a cool and generally dry but mostly cloudy northeasterly flow covering the Channel.

A large swathe of low *Stratocumulus* cloud covered much of southern Britain and the near continent with only a few glimpses of sunshine on offer for the first 4 days. By the 5th that high had lost its identity to be replaced by shallow low pressure across the country with a series of weak frontal systems moving south within the general flow.

That low deepened by the 6th, moving south and east to be in the North Sea by noon allowing its associated cold front to drop south over the Midlands with cold Arctic air following on behind. Milder Atlantic air was meanwhile being pushed up from the southwest with the initial engagement area of these two air masses over the south coast of the UK and Channel. Air temperatures locally had struggled in single figures up to the 7th but with this milder air spilling in from the Atlantic we started to enjoy the dizzy heights of double figures by dawn on the 8th, albeit it with fresher winds and the first real rain of the month with some 14.8mm falling in the 24 hour period to 0900hrs on the 8th.

That Atlantic air continued to make steady progress northwards with outbreaks of snow and sleet where the two air masses met. By dawn on the 9th that North Sea low has filled and cleared to the east, but the next feature of interest was a new low deepening off the southern tip of Ireland. This system tracked eastward just to the north of the Bailiwick overnight in to the 10th with increasing winds from the west veering northwest by dawn with a maximum recorded gust of 47 knots (54 mph) at the airport at 0300hrs.

Early rain gave way to showers through that morning with the winds easing down to a light Force 3 by noon as a brief ridge covered the Channel ahead of the next Atlantic front moving in to the Western Approaches. Mild tropical air with this system came up against the much cooler air locally with sleet falling in the early hours of the 11th. That overnight precipitation fell mostly as rain however before turning more to drizzle by noon, with mist and hill fog becoming widespread through the afternoon. Conditions improved that evening as those fronts cleared to the east and it was also interesting to note that air temperatures had risen from just 2.7°C earlier that morning to 10.7°C late afternoon following the introduction of that milder Atlantic air.

This very mobile setup continued in to the 12th with the next frontal system bringing rain to our shores later that afternoon. That rain became heavy and persistent for a time with mist and fog plaguing the higher parishes before improving later that evening. We remained in a brisk southwesterly flow with some brighter spells at times during the 13th but showers perked up that afternoon, continuing overnight before becoming more isolated by late morning of the 14th. The low pressure system responsible had tracked east across northern parts of the country over the last 24 hours or so, to be centred over Scandinavia with a veer in our winds to the northwest and a resulting dip in air temperatures across the islands. Clearer skies prevailed as pressure built briefly across the area with plenty of sunshine for most of the day.

By dawn on the 15th a series of weak fronts pushing up through the Irish Sea brought cloudier conditions to our shores and with our winds backing in to the south that cloud thickened and lowered enough to bring patchy light rain at times that afternoon and evening. Drier but still cloudy conditions prevailed overnight and through the bulk of the following day before further rain arrived late afternoon as a cold front rolled in to the western Channel. This front was reluctant to clear however, with rain, drizzle and fog patches that evening and overnight before finally clearing to the east mid morning on the 17th.

Blue skies late morning and into the afternoon were short lived though as a rash of showers arrived late afternoon and evening as an occluded front made its way across the islands. The low pressure feature responsible slowed over the Irish Sea with bands of showers within the general circulation but surface winds were much lighter and air temperatures picked up in to double figures once more.

The weekend of the 18th & 19th seemed to herald the arrival of Spring with light and variable winds, plenty of sunshine and temperatures peaking at 13.9°C on the Saturday but just falling away a tad on Sunday. Ridge conditions on Sunday held on until just before dawn on the 20th when we saw the start of the next series of low pressure systems extending fronts across the country with rain and drizzle affecting the Bailiwick initially that morning and again overnight in to the 21st.

Early rain drizzle and fog cleared by dawn on the 21st as a cold front moved east up the Channel with improving conditions through the morning. With low pressure still very much the dominant player over the UK it wasn't long before the next front arrived on our shores though, as the next series of fronts arrived in the early hours of the 22nd. These fronts slowed their eastward progress, initially with outbreaks of rain which turned more to drizzle with mist and hill fog after daybreak. The drizzle eased by mid morning but that patchy fog lingered until just after lunch.

With a lot of cloud within the general circulation sunshine totals were rather disappointing but temperatures remained on the mild side to late March. Further frontal systems arrived locally shortly after noon on the 23rd with more rain, occasionally heavy at first with drizzle, mist and fog patches through until mid evening. The clearance found us in a more unstable airflow with a rash of showers overnight before easing off by the morning of the 24th.

The slow moving low pressure feature currently off the north coast of Ireland had deepened overnight resulting in our winds strengthening by dawn to a steady Force 6, coinciding with large spring tides leading to coastal flooding along the island's west coast and the overtopping of the harbour marinas in Town. Yet more blustery showers barrelled in that afternoon on these strong winds but they became more isolated that evening and overnight as a flat ridge built briefly up from the south.



Spectacular early morning drone shot of Vistas cafe at Vazon on the 23rd. With a 10.1m tide, fresh to strong southsouthwesterly winds and low barometric pressure, waves were breaking along large stretches of the west coast. Photo credit: Ross Yeates at Skywave Photography.

The 25th dawned reasonably bright and initially breezy with just the odd rogue shower with winds easing down through the day. It was a brief respite however, as a developing low in Biscay wound itself up and swept in over the Brest Peninsular that afternoon with rain, occasionally heavy arriving by early evening. The rain cleared in the small hours of the 26th but with a rash of rain showers around dawn.

High pressure built quickly across the UK following the clearance of that low leading to a dry and settled spell through the 27th but again it was rather short lived, breaking down by dawn on the 28th as the next Atlantic system rolled in from the west. Patchy light rain through the day didn't amount to much but a series of fronts arriving overnight brought rain, drizzle mist and hill fog to the islands, again generally clearing by dawn on the 29th. Rain arrived around the afternoon commute later on before clearing to a few showers later that evening and overnight.

As these fronts edged away to the northeast, the European weather charts were now starting to show a deepening low out to the west of Biscay with a forecast track across southern Britain overnight in to the 31st. Storm 'Mathis' arrived early that evening with rain and strengthening southerly winds. The wind touched gale force on

nine occasions throughout the morning, with a peak gust of 53kt (61mph) just after at 0700hrs. By mid morning the persistent rain had cleared through, by which time 17.8mm had fallen in a twelve hour period. Conditions remained unpleasant through the remainder of the 31st as winds were slow to ease, remaining a strong Force 6 until gradually reducing down to fresh Force 5 by late evening as 'Mathis' filled in and moved north east.

Overall, March was wetter, duller, and slightly warmer than the average. Low pressure was never too far away and as a result the average monthly pressure was the lowest since 2018. The month had almost double the average rainfall, making it the wettest March since 2001 with a total of 117.4mm recorded. With warm moist Atlantic air commonplace, the month saw 14 days with fog observed, the highest number for 26 years. It's unsurprising then that only 93.5 hours of sunshine were recorded, making it the dullest March for 10 years.

April

Storm 'Mathis' which brought such an unsettled finish to last month eased away over the Low Countries through the small hours of the 1st leaving the islands in a fresh, showery northwesterly airflow. Pressure built in from the southwest as this storm continued to track away eastward with any residual showers all but dying out locally by dawn on the 2nd.

As that high became more established over Scandinavia by the 3rd our winds veered in to the east drawing in drier but cooler air off the nearby continent. Sunshine was plentiful for the next couple of days but air temperatures were only just making double figures during the day and falling to low single digits by night. Gradually though, that high started to lose its dominance over the UK as weak frontal systems moved in from the west in association with low pressure to the north of Scotland. Those fronts were mostly quite weak affairs by the time they reached the Channel in the early hours of the 5th with cloudier conditions prevailing by sunrise, but that cloud thickened and lowered through the day leading to some patchy rain and drizzle later that afternoon.

Dawn on the 6th saw the last of those fronts clearing to the east as pressure built once again from the southwest. This new high drifted slowly across the UK over the Easter Bank Holiday with fine and dry conditions prevailing locally until late evening on the 9th when deepening low pressure across the North Atlantic introduced some quite active fronts across the country. Periods of rain, heavy at times with mist and hill fog that night, cleared by mid morning on the 10th to a scattering of blustery showers through the afternoon.

The charts showed a rather unsettled look as the next low out to the west deepened and barrelled in to the Southwest Approaches with rain arriving across the islands just before noon on the 11th. That rain became persistent and heavy at times through the afternoon before clearing to scattered showers later that evening.

By the 12th Meteo France had named this system Storm 'Noa' as it swept in across central and southern parts of the UK with winds gusting up to 97mph recorded at The Needles in the Isle of Wight. The southwestern flank of this storm produced the strongest winds and it was through the afternoon that our winds ramped up to a full gale, with gusts up to 53mph recorded at the airport. Squally showers of rain and occasionally hail made conditions quite challenging at times until later that afternoon when those showers cleared away to the east and those very strong winds started to abate. The winds continued to ease off overnight and by dawn on the 13th we were down to a gentle 10 knots from the southwest although showers started to bubble up through the morning.

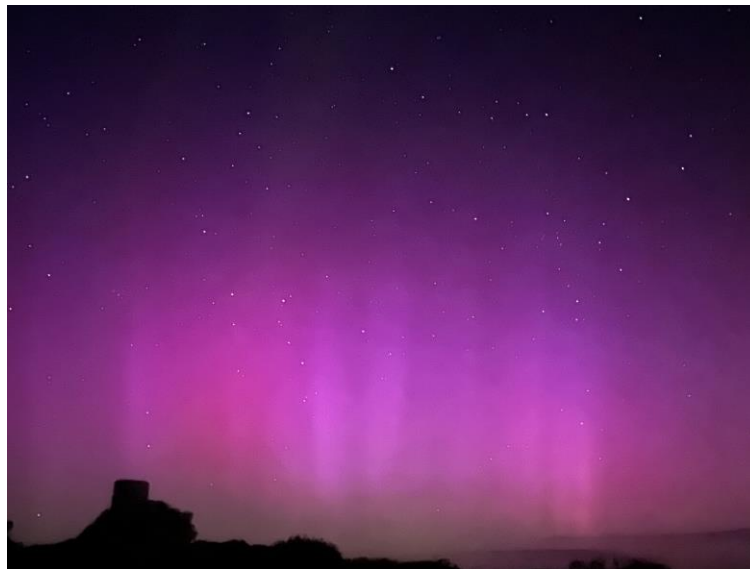
We enjoyed a brief ridge that afternoon but cloud thickened through the evening ahead of the next low approaching from the southwest. The first of the rain arrived around 3am on the 14th before turning more drizzly by dawn with mist and hill fog developing. This low was rather reluctant to clear but did so by early afternoon with a few bright spells developing before day's end as pressure built across the UK once more.

We enjoyed over 12 hours of sunshine on the 15th but cool northwesterly winds pegged air temperatures back to just short of 12°C as that high sat atop the country. A weak warm front brought cloudier conditions overnight and in to the 16th but it did remain dry.

As that high intensified and continued its progress northeast to be over Scandinavia by the 17th, a freshening northeasterly flow became established down the Channel. Variable amounts of cloud within the general flow left us with mostly fair conditions for the next few days as temperatures slowly edged up in to the mid teens. A band of showers in the early hours of the 19th and again around noon the same day dampened the ground, with further showers overnight in to the 21st. By dawn on the 22nd though, that Scandinavian high had edged away eastward to allow advancing Atlantic fronts to push in from the west with periods of rain that morning, clearing to showers that afternoon. Those showers then merged back in to a more cohesive spell of rain and drizzle, with mist, during the morning of the 23rd.

The area of low pressure responsible for that most recent spell of rain was now clearing east to be centered over Eastern Europe, allowing cooler air to be drawn down across the UK from the north. Locally, air temperatures struggled to make 12°C by day, falling to just 6.6°C by night for the 24th and 25th, but apart from the odd rogue rain shower it remained a bright and reasonably quiet spell of weather.

Conditions overnight in to the 24th allowed islanders to enjoy a rare and remarkable display of Northern Lights (*Aurora Borealis*) due to strong solar activity, clear skies and good visibility.



Incredible picture of the *Aurora Borealis* from the Shingle Bank at L'Eree in the early hours of the 24th.
Photo credit Wayne Branquet

The next series of fronts started to make their way in to the Southwest Approaches late on the 25th with patchy light rain at times overnight and through the next day. By late afternoon on the 26th the cloud had thickened sufficiently over higher ground to produce mist and hill fog patches, as well as outbreaks of mostly light rain and drizzle.

The 27th dawned dull and misty with extensive fog and drizzle blanketing the islands, lifting only briefly late morning and again mid evening. With little change overnight, the 28th dawned much the same as we lay under a very damp, slack, westerly flow. Conditions improved slowly through the morning however, with improved visibility and cloud base by late morning although it did remain cloudy for most of the afternoon. Building pressure from the southwest late in the day saw excellent visibility by the evening but with light winds and clearing skies overnight, extensive shallow fog formed readily across parts of the island.

With less than 15 minutes of sunshine over the last 3 days the 29th dawned bright and clear with any residual shallow fog burning off smartly after sunrise. The ridge that built up the previous day declined eastward to allow high cloud to spill in from the west by late afternoon, but we did manage over 11 hours of much welcome sunshine.

That high cloud was a precursor to a narrow, but quite intense north/south orientated occluded front rolling in to the western Channel, arriving shortly before dawn on the 30th. Rain, with mist and some hill fog patches, became heavier around 0800hrs before clearing around an hour or so later. It remained cloudy for the rest of the day though as further weak fronts passed by the islands to the north.

A cool start to April was offset by a warmer finish resulting in the average monthly mean temperature to exactly mirror the long term average of 9.7°C. Only once did we reach the higher teens, with 16.0°C on the 29th which together with 11.2 hours of sunshine made it arguably the nicest day of the month. Rainfall was slightly above average with 61.1mm making it the wettest April for 9 years. Sunshine fell just short of the long term average at 186.1hrs. Storm 'Noa' on the 12th gave us the first April gale in 21 years and also yielded the month's highest gust of 54 knots (62mph).

May

The last month of spring opened with a belt of settling high pressure out over Biscay with a gentle westerly flow across the islands. Early drizzle and fog cleared readily by dawn but it remained cloudy until late morning before brightening up for the afternoon. That high slid slowly northeastward to be centred over Dogger Bank late on the 2nd resulting in our winds veering in to the east. Much warmer air was pulled in from the nearby continent with 17.7°C recorded by day's end. This warmer air over a still cool sea led to extensive patches of sea fog around the islands which encroached inland at times. By the 3rd winds had freshened sufficiently to break up any residual sea fog but temperatures were pegged back by a couple of degrees as a result.

As that high slipped further north and east so we started to see Atlantic fronts nudge in from the southwest. The leading edge of these fronts extended a broad shield of high *Cirrus* cloud in to the Southwest Approaches, making our sunshine a tad hazy at times. By dawn on the 4th much of the UK was under the influence of low pressure as that high continued to decline northeast. Showers arrived locally by mid morning, becoming heavier around midday before easing away up Channel through the afternoon. A more southerly component to our winds meant air temperatures not falling into single figures overnight and managing the mid teens by day.

The 5th continued the trend of mild southerlies with a brief rash of showers around noon but a warm front arriving overnight brought rain, drizzle and fog by the small hours of the 6th. Mild and moist southerlies led to cloudy conditions with patchy hill fog through the afternoon which became more extensive overnight before gradually clearing by dawn on the 7th. Unfortunately it remained cloudy until later that afternoon as a thick layer of lower cloud only reluctantly cleared away to the north.

Advancing fronts from the Atlantic were already making inroads by late evening with cloud thickening and lowering overnight with the first drops of rain arriving around dawn on the 8th. That rain became persistent through the morning with drizzle, mist and hill fog before clearing by noon. It was only a brief respite however as the associated cold front had slowed its advance out to the west and as it neared our shores later that afternoon, so the rain and fog returned once more. The rain finally eased off by midnight but thick fog continued right through to around midday on the 9th.

Liberation Day itself then was rather gloomy with mist and fog slowly lifting by midday with some brightness for the afternoon but with a scattering of quite lively showers, particularly through the evening. Those showers eased off overnight but slow moving low pressure centred off the northwest coast of Scotland maintained a moderate to fresh westerly flow across the islands with fair to cloudy but dry conditions until late on the 11th.

As that low filled and started to lose its identity, so a belt of more settled high pressure began to push up from the Azores. This ridge stretched up to cover northern and western parts of the UK with a freshening north to northeasterly flow becoming established down the Channel for the 12th. A band of weather over the Low Countries started to track down the Channel to bring some dampness to our shores later that afternoon and overnight, although rainfall totals remained low. The 13th dawned dry but rather cloudy and hazy as an extensive layer of low cloud covered most of the Channel and Southern England. Clearer skies brought some welcome

sunshine later that afternoon and in to the early evening but as the winds fell light overnight so shallow fog and mist encroached across the islands leading to a murky start on the 14th.

That early shallow fog thickened for a few hours shortly after dawn but burnt back to the coasts later that morning before returning for a few more hours through the afternoon. A weakening cold front drifted in to the Southwest Approaches overnight in to the 15th with outbreaks of rain and drizzle, together with hill fog patches which cleared only slowly through the morning. A much brighter afternoon followed that front's clearance eastward with clear skies and much improved visibility.

A building ridge from the southwest brought cooler, brighter and clearer conditions to our shores through to the 17th with light to moderate north to northwesterly winds. As that high extended its influence across the UK so our winds veered in to the northeast but it remained dry with daytime air temperatures nudging up to the mid to high teens. By the 19th that high had transferred east to be over Scandinavia, allowing a weak cold front to drop southeast across the country. Cloudier conditions together with one or two spots of rain in some parts of the island late on the 19th heralded the passage of this feature but with pressure building once again from the southwest, the 20th dawned bright and clear.

Low pressure over much of Central Europe and high pressure across the UK and Scandinavia encouraged a northeast airflow across the islands. This freshened at times over the next few days to just take the edge off daytime temperatures but we still managed a gradual improvement, along with plenty of sunshine.

This pattern continued right the way through to the end of the month with that fresh northeast breeze only moderating at times overnight. It remained dry too with mainly clear skies throughout, although still with the odd few hours of patchy cloud at times. Temperatures were a little disappointing at times due to the wind strength but maintained a fairly consistent daytime high of mid to high teens whilst dropping away overnight to low double figures.



The settled weather captured at Port Grat on 31st May. Photo credit Bridget Bonnefin

Very much a month of two halves; initially dull and damp, but with the advent of high pressure dominating from the 14th, the last two weeks were brighter and drier with no rainfall recorded at the airport after the 14th. The lack of rainfall in the second half of the month kept the total for May below the average, but at 32.9mm it was still two and a half times the total recorded in 2022. Sunshine levels were once again above the long term average, and a total of 278.3 hours made it the sunniest May since 2020. Although the monthly mean temperature was slightly above the average, the daily maximum temperatures were notably down on previous years. The warmest maximum recorded was 17.7°C on the 2nd making it the coolest maximum temperature recorded for May since 1984.

Spring itself was wetter, duller, and warmer than average. With March and April the wettest for 22 years and 9 years respectively, the dry end to May didn't stop it being the wettest Spring since 2014. It was also the duller Spring for 5 years, with the May sunshine not enough to counteract the two dull months before it. Spring also reflected the temperature trend seen in May as despite the above average mean temperature, it was the first time since 2009 that the maximum temperature didn't reach or exceed 20°C during the first five months of the year.

Spring	2023	30 Yr Avg	Anomaly/%
Rain (mm)	211.4	166.3	127.1
Sun (hrs)	557.9	574.9	97.0
Mean Max (°C)	12.8	12.6	+0.2
Mean Min (°C)	8.0	7.4	+0.6
Mean (°C)	10.4	10.0	+0.4

June

High pressure centred out to the northwest of Ireland and low pressure over Central and Southern Europe ensured a continuation of the dry weather experienced locally for the last 17 days of May, through to the first week or so of June. Whilst it remained dry and bright for the most part, brisk northeasterly winds down the Channel pegged daytime air temperatures back to the mid teens.

Gradually that high transitioned north and east towards Scandinavia to allow our winds to back in to the southeast by the 8th. As a consequence, warmer continental air encouraged air temperatures up over 20°C for the first time this year on the 9th as this warmer flow stretched up in to southwestern parts of the UK as well. Hazier conditions with more extensive cloud and a scattering of showers accompanied this warmer plume of air with the first of drops of rain falling early afternoon on the 9th. These showers continued through the evening and overnight in to the 10th but mostly light in nature with just 0.2mm in total recorded at the airport. Further showers that morning, together with mist and fog patches, cleared by lunchtime to allow some brightness for the afternoon. Those showers yielded 1.1mm of rain to break the drought of the last 26 days. Fog returned again overnight before burning back to the coasts by mid morning on the 11th.



Spectacular evening sky on the 10th with *Altocumulus* showing signs of *Mamma* below the main base. *Cumulonimbus* clouds were observed to the south of the island. Photo credit Laura Johns.

With low pressure now out in the near Atlantic and that high now well up over western Russia, temperatures rose significantly to the low 20's°C by the 13th as we enjoyed that warmer continental feed from nearby France. This warm, humid air coming up over the cooler waters of the Channel lead to extensive areas of sea fog which

encroached inland overnight before burning back to the coasts the following morning. The 14th saw our winds briefly back to a light northeasterly with drier air leading to improved visibility and clearer skies and indeed the next few days continued in much the same vein, occasionally with a tad more high cloud, but generally bright, dry and warm.

That low out to the west finally started to make inroads late on the 16th as a weak front edged in to the western Channel. Cloud increased that evening with a couple of isolated light showers overnight but the 17th dawned bright with warm, hazy sunshine through the day. Patchy fog around dawn on the 18th cleared away to leave a cloudier day in the islands with a scattering of light showers through the afternoon but with mist and fog returning once more that evening.

As that old low edged up over the UK a rather active new system started to make its way up through Biscay and into the Western Channel. Thickening medium level cloud through the late afternoon of the 19th brought some light showers to our shores by mid evening, but they became heavier overnight before clearing by 0300hrs on the 20th. With some 9.5mm of rain recorded at the airport in the 24 hours ending 1000hrs on the 21st, this was the wettest day locally since the 8th May. Any residual fog cleared by mid morning and by noon we were back to clear skies and temperatures up to 21°C as slack pressure covered the area following the clearance northeast of last night's little low.

Indeed, we enjoyed a rather pleasant spell over the next few days with light winds and clear skies by day allowing temperatures to peak in the low to mid 20's but with misty, occasionally foggy, early mornings until mid way through the 23rd. A weak cold front pushing in from the west marked the boundary between warm, humid air currently over the islands, and a slightly cooler, fresher air mass moving in from the Atlantic.

This front edged slowly in from the Channel Approaches during the morning of the 25th and our winds duly veered in to the west around midday and freshened for a while before easing down that evening. A light shower in the early hours of the 26th brought a few drops of rain but the day dawned with extensive high cloud making sunshine hazy at times although temperatures did manage 20°C. Ridge conditions pushing up from the southwest encouraged a low pressure system to stay well to the north of the islands for the next day or so but by the 28th that ridge had broken down to allow a weak cold front to drop down in to the Channel. Cloudier and hazier conditions together with extensive sea fog around the Bailiwick led to the first day without any sunshine since the 8th May and the first day in over 2 weeks when we failed to make 20°C.

Those fronts cleared through overnight and the 29th dawned bright with any residual cloud disappearing over the eastern horizon by late morning as an extensive belt of high pressure became established to the north of the Azores. Plenty of sunshine and excellent visibility prevailed for the remainder of the day then, with a moderate to fresh northwesterly flow across the islands.

There was still an unsettled look to the charts despite this Azores High out to the southwest, as a series of quite active fronts swept in over the northern periphery of that anticyclone to bring thickening cloud overnight in to the 30th with the first few drops of rain arriving for the morning commute. The cloud base continued to lower through the day with drizzle, mist and patchy hill fog that thickened up for the evening to close out the month on a rather gloomy note.

Despite the rather dull and damp finish to the month, June turned out to be drier and brighter than average, and with a mean monthly temperature of 16.7°C, the 3rd warmest June on record after 1846 (17.3°C) and 1976 (also 16.7°, but fractionally warmer on rounding). With only 38.4% of the average rainfall it was the driest for 5 years and with 272.4 hours of sunshine, the sunniest since 2015. The mean monthly minimum temperature came in at 13.5°C, the highest recorded figure for June since records began at the airport.

July

An unsettled look to the charts to start the month as low pressure off the west coast of Scotland drove a series of weather fronts across the British Isles borne along on fresh westerly winds. Early rain, drizzle and fog cleared

the Bailiwick by dawn on the 1st with just the odd rogue shower that morning, but it brightened up thereafter with the winds easing down overnight in to the 2nd.

As that low tracked away to the northeast we remained in a westerly flow with variable amounts of cloud at times over the next couple of days, again with the odd light shower. Temperatures were fairly consistent around the mid to high teens by day and falling to low to mid teens by night. By the 4th an extensive area of rain over the southwest of the UK was dropping slowly in to the Channel, but another feature over Brittany was steering a rash of heavy showers northward and just ahead of that UK rain band. The showers arrived by mid afternoon on the 4th with patchy mist but those showers quite quickly turned to more general rain & drizzle for a few hours as the two systems merged, before clearing to showers around mid evening. A few more showers overnight heralded the clearance proper of the system as it deepened and developed in to an area of low pressure that rattled its way up through the Dover Straits and in to the southern North Sea by daybreak on the 5th.

Pressure began to build following this clearance with a brighter day in the islands and those moderate to fresh westerly winds generally easing off by the evening. Clear skies and light winds overnight in to the 6th saw some patches of shallow fog in places around the island but these dissipated shortly after dawn to leave us with a fine day in the islands with excellent visibility across the Bailiwick.

Low pressure out to the west of Ireland brought wind and rain to more northern and western parts of the UK as we remained under the influence of that high. As that high edged eastward though, our winds backed in to the southeast introducing a very warm flow up across the Channel. Temperatures peaked at 27.0°C by early afternoon on the 7th, the highest recorded temperature at the airport since 13th August last year. This rather sweltering heat cooled overnight but the mercury was still reading 21.4°C at midnight and by the small hours of the 8th we started to see a scattering of showers cross the islands as a series of thundery troughs headed north out of France. These showers eased off by mid afternoon with a rather disappointing 1.3mm recorded at the airport, but at least air temperatures had dropped to a more manageable 17°C by day's end as that warm continental air was replaced by a cooler, slightly fresher westerly flow off the Atlantic as a weak cold front cleared eastward up the Channel.

With low pressure having now replaced the more settled anti-cyclonic regime of recent days, further showers encroached through the day on the 9th, with more in the way of cloud but temperatures still managing the low 20's. Those showers eased off by late afternoon on the 9th to leave us with a clear night but patchy cloud at times during the 10th kept the edge off sunshine totals. A waving cold front dropped in to the Channel overnight in to the 11th with outbreaks of rain and drizzle from just before dawn, together with mist and patchy hill fog. This feature was reluctant to clear and it was early evening before conditions improved to allow a drier and brighter finish to the day.

Although a mostly unsettled look to the weather across Europe, there was a hint of a flat ridge building once more out of Biscay and it was enough to provide a quiet couple of days in the islands with just the odd isolated light rain shower and light to moderate southwesterly winds that gently backed in to the southeast late on the 13th.

A deepening area of low pressure was by now tracking in from the near Atlantic and while not moving terribly quickly it was packing quite a punch with wind and rain as the associated fronts arrived in to the southwest of the UK through the morning of the 14th. The bulk of the rain went to the north of us but we did see some rain and drizzle that morning together with mist and fog patches through the afternoon. Winds increased to a steady F5 from the south before veering to the southwest late afternoon and becoming gusty.



Hazy sunshine with *Alto cumulus* and *Cirrus* as seen from Greve de la Ville in Sark on the 13th.

Photo credit Bridget Bonnefin.

The clearing cold front went through around supper time to leave us with some late evening brightness with just a few isolated showers overnight. By the early hours of the 15th this low was centred just off the north coast of Ireland but had deepened significantly with unseasonably strong winds now affecting all parts of the UK. Our winds ramped up during the morning to a F5 from the southwest with gusts to 44mph leading to some local ferry cancellations, but we managed to avoid the worst of the showers as they again tracked out to the northwest of the islands although we did see a couple of sharp showers overnight.

By the 16th that low moved away over the North Sea and filled allowing our winds to ease down gradually through the day, but there remained a fair amount of cloud within the general circulation along with a few light showers. A flat ridge built to the south for the next couple of days to give us rather a benign spell as shallow low pressure affected more western and northern parts of the UK, so it was a picture of generally fair conditions with just the odd light shower, good visibility and moderate winds mostly in from the west.

A cloudier spell for the 20th and winds veering in to the northwest saw rather disappointing temperatures for mid July, reaching just 18.3°C as a shallow low crossed northern France with a few isolated showers reported around the island. This system lost its identity as it tracked into Central Europe followed by a brief ridge extending in from the southwest for the 21st but it was all eyes to the west for the 22nd as another unseasonably vigorous low swept in from the North Atlantic. Increasing southwesterly winds and thickening cloud through the day heralded the arrival of the leading warm front early evening. Rain turned more to drizzle with mist and hill fog overnight before the cold front cleared across the islands around noon on the 23rd, with some brightness for the late afternoon.

The low pressure responsible for this rather unsettled spell was by now off the west coast of Denmark with that trailing cold front lying across northern and central France and into Biscay. An occluded front extending back across southern England dropped in to the Channel for the 24th leading to another cloudy day in the islands with a scattering of mostly light showers and rather disappointing air temperatures, again failing to reach 20°C for the 5th consecutive day.

By the 25th the last of that system had cleared eastward and we enjoyed another brief ridge of more settled weather, but remaining slightly on the cooler side with Atlantic air covering the Channel. The next low, with associated fronts, was already making progress in from the Atlantic for the 26th though, and after a bright start cloud thickened through the late morning with outbreaks of light rain and drizzle from late afternoon, continuing overnight and through the next day as those fronts stalled in the Channel. The low itself had become slow moving off the northwest coast of Ireland and it wasn't until around mid morning on the 28th that the drizzle, mist and fog reluctantly cleared eastward, but it remained largely cloudy for the rest of the day.

That low maintained its influence across the UK with variable amounts of cloud within the general circulation but we enjoyed a brighter day on the 29th, although still with that nagging fresh southwesterly breeze. After this brief respite though, the next system was on our doorstep bringing further rain and drizzle with mist and fog to our shores by dawn on the 31st, leading to a dull, wet, windy and overcast day to close out a rather disappointing month.

A rather disappointing month and whilst July was slightly warmer and drier than average, sunshine totals were the lowest for this month for 25 years. Some 44% of the month's rain fell in the last 2 days and it was also the windiest July since 2007. With an average monthly sea level pressure of just 1014.0hPa this was the lowest such figure since 1988 and the 2nd lowest figure since records began at the airport in 1947.

August

Unseasonably low pressure out in the near Atlantic continued to bring unsettled weather to our shores for the start of August with a particularly vigorous system, Storm '*Patricia*', bringing freshening southerly winds and rain from late afternoon on the 1st, together with mist and hill fog patches through the evening. The rain became persistent and heavy later that evening and overnight before clearing in the small hours of the 2nd. That 24 hour period yielded some 42.0mm of rainfall, the wettest day recorded at the airport since 1st October 2020.

Following that overnight cold front clearance our winds continued to increase through the morning to a steady F7 with gusts up to 50mph, still from the southwest. This was accompanied by a rash of blustery showers which became more isolated that afternoon as those winds finally started to ease off. As the low responsible for this rather inclement spell barrelled away up the Channel to be just off the coast of Germany by dawn on the 3rd, our showers pepped up as the associated occluded front dropped down in to the Channel. Mist and low cloud plagued the islands up until mid morning and it stayed cloudy for the bulk of the rest of the day. With the departure of that low, more settled ridge conditions pushed in from the west for the 4th with a generally fair morning but extensive high cloud that afternoon heralded the imminent arrival of the next low pressure system overnight in to the 5th.

The first drops of rain arrived shortly before dawn as this next vigorous low, Storm '*Antoni*', swept in across southern Ireland and up the Bristol Channel, but this time the bulk of the rain kept to the north as the cold front cleared though around midday. Our winds ramped up that afternoon to a solid F6 from the west with gusts just short of 50mph. Again though, this storm was a fast mover and by midnight was centred over the Low Countries as our winds veered in to the northwest and eased to a moderate F4 by daybreak on the 6th.

A welcome Azores High was nosing up from the southwest by now ensuring a fine and dry day across the islands, although temperatures remained slightly on the cool side for early August. That ridge maintained its benign influence for us until late on the 7th when a weakening low edged in to the western Channel. A much weaker system than the last two lows, we started to see the cloud thicken and lower overnight and through the morning of the 8th before patchy drizzle and local mist rolled in for the afternoon. Whilst that low started to lose its identity as it stalled in the Channel, the high moisture values remained resulting in extensive fog enshrouding the islands overnight in to the 9th. This fog slowly burnt back to the coasts during the morning to leave some patchy sea fog which eventually moved away northward as our winds settled in from the southeast.

A weak ridge stretched in for the start of the 10th to allow brighter conditions although with a couple of rogue showers early morning, but the respite was all too brief as the next Atlantic low was pushing in from the west with fronts arriving locally late that evening. Rain, drizzle and fog overnight was reluctant to clear the next day as that front stalled in the Channel, but some drier interludes at times on the 11th lead to the odd brighter spell. That front did manage to edge away to the east overnight but the low responsible had slowed its progress, still grinding away off the northwest coast of Ireland. Fresh southwest winds and mostly cloudy skies greeted the us for the 12th but we managed some sunshine through the day although temperatures remained on the cool side for mid August.

A rash of early morning showers on the 13th gave way to clearer skies thereafter, and with the winds easing down through the afternoon it felt quite pleasant. Unfortunately the next weather system was already making steady progress in from the west as cloud thickened later that evening, with the first few spots of rain around midnight. As this low tracked across North Wales the associated front dropped in to the Channel with frequent showers across the Bailiwick mid morning on the 14th and as the cloud thickened and lowered it turned more to drizzle for the afternoon with mist over higher ground. The eventual clearance was just before sunset, with improved visibility and by dawn on the 15th we were greeted with much brighter, drier conditions with just a scattering of cloud through the day.

Pressure built swiftly from the southwest but with light winds and clear skies we started to see shallow fog forming extensively around the island overnight in to the 16th, together with a heavy dew, but this burnt off quite readily shortly after daybreak.



Shallow fog shortly before dawn on the 16th with high *Cirrus* . Photo credit Ian Brouard

This belt of high pressure covered most of the UK through the day and in to the 17th, but as it drifted slowly away northeast to be centred over Norway by the start of the 18th, our winds fell in to the east allowing warmer Continental air to feed in across the islands. Temperatures picked up in to the low 20's°C both days but weakening fronts encroaching from the west overnight in to the 18th saw a few spots of rain in the early hours. Those fronts were a precursor to yet another vigorous low, Storm '*Betty*' deepening over Biscay and set to affect most of Ireland and western parts of the UK later in the day. Thankfully the bulk of any associated wind and rain squeezed past us out to the west with just 0.2mm of rain recorded locally that evening.

The 19th dawned fairly clear with our winds back in from the southwest bringing slightly cooler conditions but with plenty of brightness through the day as '*Betty*' tracked north up the Irish Sea and filled. Pressure once again filled in behind with a settled belt stretching up from Biscay to Denmark, with generally fair and dry weather for the islands but with the odd misty morning until late on the 23rd when a slow moving trough edged its way northward out of France. That high had by now drifted eastward to be centred over Eastern Europe allowing yet another Atlantic low to sweep in across the UK. Warm, unstable air brought cloudier conditions to our shores for the 24th with some hefty showers rolling up the Channel. One such cell brought a brief but intense thunderstorm to Alderney early that afternoon before clearing swiftly away up-channel.

A weak frontal clearance overnight brought brighter, clearer and fresher weather for the 25th with excellent visibility as our winds veered in to a more northwesterly direction. Late morning saw a brief shower from some of the more well developed *Cumulus* cloud, together with several sightings of Funnel Clouds dropping out from these cloud bases. A rash of showers overnight and through the morning of the 26th gave way to a brighter afternoon as low pressure now over the North Sea maintained a northwesterly flow across the islands.

The next frontal system wasn't too far away however and by the afternoon of the 27th cloud was thickening and lowering with showers turning to rain and drizzle by evening. The next morning dawned bright and clear though, as that low cleared to the east to leave us with a pleasant Bank Holiday Monday across the Bailiwick with light northwesterly winds and temperatures up in to the high teens. More sightings of Funnel Clouds off the west coast of Guernsey were noted, as well as a few to the southeast of Sark.

Yet again another series of fronts were waiting in the wings though, and by the evening of the 29th we saw outbreaks of rain and drizzle which cleared quite smartly late evening to leave us with dry but mostly cloudy conditions overnight and through the 30th with a return to those light northwesters with excellent visibility and yet more sightings of Funnel Clouds around the island's coastline.

Unfortunately the mobile and unsettled nature of this month had one more card to play as another set of fronts rolled in from the west overnight with a low nudging in from the North Atlantic. Our winds backed in to the south overnight with cloud thickening and lowering by dawn on the 31st with outbreaks of rain and drizzle together with mist and fog patches which lasted most of the morning. We enjoyed a dry but cloudy afternoon before further rain, drizzle, mist and fog rolled back in for the evening leading to the only sunless day of the month.

August was generally disappointing as Atlantic low pressure dominated for most of the month with just 22.9°C recorded on the 10th as the month's top temperature. Despite this the monthly mean temperature was similar to the long term average, due mainly to the overnight minimums staying up above average. With just 179.2 hours of sunshine this was the duller August for 8 years and 83.7mm of rainfall gave us the wettest since 2017. Some 50% of that total fell on the 1st (wettest August day since 1993) with another 14.2mm falling on the 31st. A maximum recorded gust of 44 knots on the 2nd was the highest noted for this month for 31 years.

Summer started well with the warmest June since 1976 with plenty of sunshine and well below average rainfall. July again was warmer and slightly drier but duller than average and August was dull and wet with only average temperatures. With a mean temperature of 17.0°C this was the 9th warmest summer since 1843 and despite a wet August we ended up slightly below average rainfall for those 3 months. Sunshine was some 56 hours down on the long term average due to both July and August being dull.

Summer	2023	30 Yr Avg	Anomaly/%
Rain (mm)	140.2	147.6	95.0
Sun (hrs)	670.1	726.0	92.3
Mean Max (°C)	19.8	19.1	+0.7
Mean Min (°C)	14.1	13.3	+0.8
Mean (°C)	17.0	16.2	+0.8

September

Fog, rain, mist and drizzle greeted the new month as fronts in association with a low pressure system off the west coast of Ireland marched eastward across the UK, clearing the islands around dawn to leave us with a bright day with light west to northwest winds. Cloud returned that evening but cleared overnight in to the 2nd leading to some patchy shallow fog which burnt off quite readily around sunrise. Pressure began to build from the Azores thereafter, stretching up in to the North Sea and as our winds veered in to the east so air temperatures started to rise with this warmer continental feed across the Bailiwick.

As that high drifted eastward to be centred over Berlin by noon on the 4th our winds veered in to the southeast allowing air temperatures to climb still further, still with mostly clear skies. By the 6th however, low pressure

out in Biscay was introducing an extensive shield of high cloud in to the Western Approaches making sunshine hazy at times and with increasing instability and upper level moisture levels, a few showers started to track up from the south. High level winds up from North Africa also brought significant amounts of Sahara Dust to the Channel later that day and the few isolated showers that evening and overnight left the island under a widespread film of brown dust by the next morning.



Sahara Dust in the lower atmosphere lending a brown haze mid morning on the 6th at L'Ancrese. *Alto cumulus* at 15,000' sets the contrast nicely. Photo credit Laura Johns

That dominant high had slowed to a near halt over Scandinavia by the 7th, so we continued in this very warm southerly flow as advancing low pressure stalled out in Biscay, with a scattering of showers drifting north into southern parts of England. Sunshine was made hazy for the 7th & 8th with extensive medium and high level cloud spilling in from the west but temperatures still made around 27°C both days, dropping in to the high teens overnight. Humidity levels remained high too, lending a very 'close' feel to the air.

The 9th dawned brighter and fresher with lower humidity values and under clear skies with light southeasterly winds temperatures peaked at 29.5°C just before 2.00pm, that's the second highest September air temperature recorded at the airport and the highest for this month since 1961.

This warm plume stretching up from the continent started to bring in some more unsettled conditions later in the day with thundery showers breaking away from the French coast later that evening. The first of these tracked past the islands out to the west but by dawn on the 10th one of those storms rolled over us with a few rumbles and flashes but not too much in the way of rainfall. Cloudy and misty conditions prevailed thereafter until late afternoon when our winds veered in to the west resulting in a drop in temperature and with that mist thickening in to fog for a time.

A slack pressure gradient across most of the nearby continent kept our weather fairly quiet over the next few days with light winds and temperatures continuing to be well above the average for September. Whilst warm with light winds, sunshine wasn't too plentiful however as a weak Atlantic system cleared slowly eastward across southern England resulting in the occasional light shower locally. Ridge conditions followed with clearer skies leading to extensive shallow fog by dawn on the 14th.

By the 15th low pressure was forming over Biscay as another warm plume stretched up across France in to the Channel. Temperatures picked up in to the low 20's once more but this airflow also carried a heightened risk of heavy showers. The first of these arrived overnight in to the 16th before easing off around mid morning before returning with more vigour that afternoon. Lightning was observed overnight in to the 17th with the first few

rumbles of thunder just before dawn. Violent rain fell for a time shortly after, before this cell cleared slowly away northward. Further showers later that afternoon became heavy and thundery that evening. Some spectacular lightning was observed after dark with frequent and powerful thunder heard. Just after 2130L that low pressure's cold front cleared through the Bailiwick with the light southeasterly flow at 19°C being replaced with a fresh southwesterly at 16°C in a little under an hour. The thundery trough continued its progress northward to affect the UK south coast while our skies cleared temporarily before further showers swept in off the Atlantic by daybreak on the 18th. Some 34.5mm of rainfall was recorded over that weekend.

Fresh to strong southwest winds pegged temperatures back to the high teens for the 18th but the showers eased off through the day as we saw a more traditional autumn look to the weather charts, with low pressure out in the North Atlantic with associated fronts straddling the UK. Cloudy and breezy conditions continued in to the 19th as well but rain and drizzle at times brought murkier conditions to our shores, particularly later in the day. The next deep low maintained this unsettled run with an active front dropping down in to the Channel for the afternoon of the 20th. The day started cloudy with a few showers but that cloud thickened and lowered after midday as that front stalled over the islands. Periods of rain, heavy and persistent at times finally cleared late evening adding a further 13.4mm of rain to our totals.

Low pressure was still the main driver of our weather, centred just off the north coast of Scotland with bands of showers or longer periods of rain within the general circulation. Temperatures were noticeably cooler than of late too as our airflow became more northerly sourced, dipping to just 12.1°C by dawn on the 23rd. We enjoyed a pleasant day thereafter as a brief ridge covered the Channel ahead of the next Atlantic system sweeping in from the west. This low slowed its progress some way south of Iceland but the associated fronts brought rain together with strong winds across all parts of the UK for the 24th.

The 25th saw some residual rain and drizzle as that front cleared the islands but the bulk of the day was clear and dry with plenty of sunshine. That front waved back in to the western Channel early on the 26th however, as pressure built over Russia, with any eastward progress of those Atlantic systems stalling over the UK. We saw a scattering of light showers early and again later in the day, but all eyes were now looking out to the mid-Atlantic as a powerful low deepened and swept in towards the British Isles. Storm '*Agnes*' was the first named storm of this season and barrelled its way northeast across Ireland before weakening as it made landfall over northern England. Strong winds and heavy rain affected many parts of the country but aside from a brief spell of rain and fresh to strong southwesterly winds late afternoon on the 27th, we managed to escape the worst of it. We remained in a moderate to fresh southwesterly flow following this storm's departure but another minor low with further fronts assailed our shores late on the 28th overnight in to the 29th with rain, drizzle, mist and fog for a time before clearing by dawn. Pressure then built rapidly following this clearance, leaving us with a pleasant couple of days to finish off the month.

Following a very warm start to the month this ended up being the warmest September since our records began in 1843 with a mean monthly temperature of 18.3°C, some 1.2°C warmer than either July or August this year. A maximum temperature of 29.5°C on the 9th was also the highest recorded this year and the highest for this month since 1961. An overnight minimum of 19.3°C gave us the warmest September night since 2005. Some 88% of the month's rainfall fell over just 3 days but both rainfall and sunshine were very close in total to the long term averages for September. We also noted Sahara Dust on the 6th, some very lively thunderstorms on the 10th and 17th and storm '*Agnes*' on the 27th. The 16th saw 27.2mm of rainfall, the wettest September day for 11 years.

October

With deep low pressure out in the North Atlantic and associated fronts draped across much of the UK and a broad belt of more settled high pressure across much of Europe, we sat on the cusp of wet and windy weather to the north and more benign conditions to the south to start the month. A weakening front dropped southeast across southern Britain toward the end of the 1st bringing cloudier conditions to the islands but it wasn't until just after daybreak on the 2nd that we saw thickening cloud together with mist and hill fog patches which cleared for a time that afternoon before returning with patchy drizzle around early evening.

These fronts slowed their progress eastward before finally moving away in to Central Europe around dawn on the 3rd as an extensive Azores High built in from the southwest. A couple of rogue showers glanced by the islands that morning but conditions improved as that high started to dominate our weather, slipping slowly eastward with temperatures a tad cooler than of late, making around 17°C for the 4th and 5th under a mixed sky but with improved visibility.

By the 6th that high was centred over Austria and as our winds backed more southerly so we started to see a warmer feed pulled up over the Channel with temperatures rising in to the high teens, again with a mix of cloud and sunshine. Further backing of the wind in to the southeast for the 7th and 8th pulled in even warmer air from the nearby continent taking us up to 24.3°C by day's end on the 8th setting a new record for highest October temperature at the airport.

Further north, low pressure was bringing some very wet and windy weather to central and northern parts of the UK with extensive flooding in many parts of the country. Nearer to home we continued to reap the benefits of our continental feed of warm air through the 9th with plenty of sunshine and light winds, excellent visibility and temperatures again in the low 20's. While this rather slack pattern persisted, the 10th saw a change in wind direction with a cooler, damper flow pull in from the west. Early mist and fog patches cleared through the morning but a veil of low cloud remained over the islands with the mist returning later that evening.

That gentle European High was slipping eastward to be centred over Ukraine by the 11th, allowing a series of fronts to drop south over the UK with a freshening southwesterly flow up the Channel. A mostly cloudy day ensued across the Bailiwick with the first few splashes of rain later that evening as those fronts dropped in to the Channel merging with another, weaker, system nudging up from Biscay. The rain became persistent and heavy for a time before turning to drizzle overnight as cloud thickened and lowered with mist and fog through the morning of the 12th. An improved afternoon was short lived with rain returning and becoming heavy for a time that evening as this mash of fronts plied their way in from the southwest. There was a brief clearance overnight before more rain by dawn on the 13th, which cleared for a time later that morning.

A glance at the charts showed this broad band of weather lying across the south of the UK, the Channel and into northern France. Within this band of weather and to the south was the mild, tropical air of the last week or so, but to the north, and marching steadily south, was much colder air being drawn down across the country by low pressure near Shetland and over Norway. The 13th then, saw a transition from some 19°C in the morning to just 12°C by day's end as this cooler air rolled over the islands. A few residual showers greeted the new day on the 14th but by mid morning we started to enjoy clearing skies in a brisk northwesterly breeze with more seasonal temperatures. Superb visibility and lower air humidity also welcome by-products of this change in air mass.

Building pressure from the North Atlantic effectively shut off this cold flow from the north later on the 15th but it remained cool with overnight air temperatures dropping in to single digits for the first time since the end of May. This high edged slowly eastward to be over Germany by the 16th with our winds veering in to the east and freshening as low pressure began to deepen off the coast of Portugal. Extensive medium and high cloud spilled in from this system but it remained dry, still with excellent visibility and occasional dry air.

The UK Met office named this low developing in Biscay as Storm '*Babet*' and the first of the rain from this system arrived late evening on the 17th, becoming heavier and persistent just before dawn on the 18th. The precipitation continued through most of the day before easing off just after sunset by which time we had recorded 17.8mm of rainfall. Initially our fresh to strong winds came in from just south of east but veered sharply early afternoon in to the southwest, increasing fresh to strong with gusts up to 53mph noted at the airport early that evening. Fort Albert in Alderney recorded a maximum gust of 73mph around the same time.



Storm 'Babet' passing over the islands early afternoon on the 18th. Radar imagery courtesy of Jersey Met Office.

As 'Babet' tracked slowly north-northeast it passed directly overhead the islands, continuing its progress northward for a time before merging with another low moving in from the near Atlantic. These two systems combined to cover most of the UK and Ireland, becoming quasi-stationary and producing large quantities of rain and strong winds in the south of England and also the northeast coast of Scotland.

Lighter winds and deep convection within the general flow led to some sharp showers locally by the 19th with a couple of thundery rumbles heard early that afternoon, together with a hefty downpour of some 7mm falling in just one hour. A similar picture unfolded for the 20th with a scattering of showers but with the winds settling in to the west, moderate to fresh. A more organised trough of weather dropped down in to the Channel overnight in to the 21st with yet more rain and drizzle, heavy at times which cleared to a rash of showers shortly after midday. These showers became more isolated overnight as a temporary ridge built in behind this clearing trough with plenty of sunshine, light to moderate winds and temperatures in the mid teens for the 22nd.

With shallow low pressure out to the west the islands sat in a gentle southeast flow for the 23rd but as the day unfolded we started to see a line of active weather nudge in from the west as high cloud thickened and lowered through the afternoon. The first few splashes of rain arrived early evening, quickly becoming heavy with a brief thunderstorm before clearing eastward to leave us in a showery southwesterly flow overnight in to the 24th.

Showers or longer spells of rain in between bright intervals was very much the order of the day now as extensive low pressure in the North Atlantic and over mainland Europe brought very unsettled weather to many areas. Locally our rainfall totals started to ramp up quickly as a result of some heavier showers but most days we saw some sunshine and with winds coming in off the Atlantic, our temperatures stayed just above average for the most part.

Indeed this wet and windy regime continued through the last week up to the end of the month as a conveyor belt of systems swept in from the west with some quite hefty downpours and gusty winds at times.

Although last October was warmer, with a mean monthly temperature of 14.8°C this was still the 6th warmest since our records began back in 1843. After a warm and dry start, the second half of the month yielded over 90% of the month's rainfall but sunshine overall was very close to the long term average. A maximum air temperature of 24.3°C on the 8th set a new record for October, surpassing 23.6°C set back in 2011. A mean monthly Sea Level pressure of 1008.3hPa was the lowest for October for 19 years.

November

A very unsettled look to the charts greeted the new month with low pressure out in the North Atlantic maintaining a run of wet and windy weather across the British Isles. Slightly further south was another low which was starting to deepen rapidly with a forecast track northeast in to the Southwest Approaches to pass to

the north of the islands early on the 2nd. Storm 'Ciaran' then duly proceeded to drop some 34hPa in the 24 hours up to its arrival in the Channel with strengthening southerly winds locally through the afternoon of the 1st.

The associated rain with this storm started early evening, becoming heavier and more persistent as the south-southeasterly winds ramped up to a full gale just before 2100hrs. As the centre of this low moved northeast so our winds veered through south and in to the west just before dawn on the 2nd, increasing to a mean of 50 knots (58mph) with a maximum gust recorded at the airport of 67.5 knots (78mph) at 0626hrs. A mix of heavy rain and blustery showers, some with hail that afternoon plagued the islands. This storm continued its progress northeast, crossing East Anglia around noon and filling as it rolled over Dogger Bank in the North Sea, all the while losing strength.

Much stronger and more damaging winds hit Jersey, with a T6 tornado passing up the east side of our sister island leaving a trail of destruction in its wake. Jersey Airport on the west side of the island noted a maximum gust of 81 knots (93mph) but wind speeds within that tornado were much higher, typically around 161-186 mph for that intensity of tornado. A detailed report from TORRO UK can be found at <https://www.torro.org.uk/>

With our winds now down to a moderate westerly, the 3rd dawned reasonably bright with just a few isolated showers within the general flow but it was noticeably cooler with temperatures barely making the low teens. The next low was already waiting out in the wings however, with the first splashes of rain arriving on our shores in the small hours of the 4th. Winds backed in to the southeast and freshened once more before veering southwest around dawn as that rain band cleared away to the east leaving us with another blustery day with squally showers and even a brief thunderstorm around 0730hrs. That evening a particularly active band of heavy showers gave us just over 20mm of rain between 1800hrs and 0000hrs leading to flooding in many areas of the island.

Low pressure over the UK continued this unsettled mix of sunshine and blustery showers with mostly moderate to fresh westerly winds, and air temperatures around a more seasonable level of low to mid teens by day, before dropping just in to single figures overnight. A transient ridge later on the 7th gave us a bit of a respite but the next system was already sweeping in from the west with rain arriving before dawn on the 8th, again with freshening winds backing into the southeast. That rain and drizzle continued through the day before the clearing front went through around dusk, with a strong, showery westerly flow becoming established across the Channel. Some of those showers were heavy with hail, leading to the winds gusting up to 50mph at times.



Mammatus protruding from the base of Cumulonimbus at a height of about 1400' at 0830hrs on the 9th November. Photo credit James Wilson

This unsettled run continued with another Atlantic low sweeping in from the west to replace the earlier system as it edged away over Scandinavia. Late on the 10th saw a brief respite then as the winds moderated and the skies cleared, but thickening cloud during the morning of the 11th heralded rain which duly arrived mid evening, heavy at times before turning more to drizzle by the next morning with mist and fog developing early afternoon.

A daisy-chain of weather fronts was by now stretching out to the southwest, rattling up the Channel bringing further periods of rain and drizzle to our shores, interspaced with clearer spells but with squally showers.

A transient ridge spilled up from the southwest across northern France and into the Channel for the 15th which provided a quieter day in the islands with light winds but a deepening low out in Biscay rolled into the Southwest Approaches later that evening, with the first drops of rain arriving by midnight. Strengthening east to southeasterly winds together with persistent rain continued through the morning before clearing around midday as that low moved away eastward over the Low Countries. Following this low's departure another transient ridge moved over the islands to bring some respite to our beleaguered islands, although by late afternoon on the 17th the next Atlantic system brought yet more rain, drizzle and mist to our shores. The trailing cold front was reluctant to clear eastward though, with the 18th being overcast with rain, drizzle, mist and hill fog until early evening. Strong southwesterly continued to sweep the UK as that low slowed its progress eastward across Scotland with a rash of showers locally through the day.

High pressure was now starting to build out in the North Atlantic, edging its way south and east towards the UK with our winds veering in to the north by the end of the 20th. This cooler, fresher flow saw improved visibility and those showers becoming more isolated as that high started to settle our weather down for a day or so. By late afternoon on the 22nd a weakening warm front dropped down over the UK and into the Channel with cloud thickening and lowering enough to produce some patchy drizzle later that evening and overnight in to the 23rd. As that high dropped further south to be off Ushant by noon on the 23rd so that cooler feed was briefly shut off, but a longer sea track for our airflow led to a grey but mostly dry day, with more seasonable air temperatures.

That colder air wasn't quite finished with us yet though as complex low pressure over Norway was now dragging a cold front down across the UK with air of Arctic origin following in its wake. This next change arrived in the Channel late on the 24th and with clearing skies and light winds air temperatures fell steadily away overnight to just 3.7°C by dawn on the 25th. We noted the first ground frost of the season too with grass temperatures at the airport dipping to -0.8°C.

That high built in through the 25th providing us with some 7.7 hours of sunshine, the most recorded on this particular date at the airport as we enjoyed crystal clear visibility and temperatures just about making 10.0°C by day's end. This settled spell briefly rolled over in to the 26th but cloud increased from the west ahead of a weak warm front by dawn with patchy rain arriving just after midday. Winds freshened from the southwest too as low pressure bullied its way in once again from the near Atlantic, tracking east across southern Britain, with that rain becoming heavier and more persistent locally mid morning on the 27th. As that low slid southeast and slowed its progress over Eastern Europe we started to see colder air feeding in across northern and eastern parts of the UK with falling temperatures and precipitation of a more wintry nature affecting higher ground. An unusual 'breakaway' low developed off Norway and tracked south down the North Sea, enhancing the showery activity down the UK's eastern seaboard before slowing and turning east over Denmark.

Our temperatures started to dip as this cooler air arrived in the Channel for the 28th with the winds falling light and variable. Warmer air feeding up from the southwest, in association with another low, ran in to this colder air over the southwest of the UK leading to some heavy falls of snow over the higher moors of Devon. We managed to stay on the milder side of this confluence but with showers during the 29th merging to persistent rain later that afternoon and continuing through most of the 30th to leave us with a dull and damp end to the month.



Spectacular double rainbow over the Co-op on the Bridge as the islands enjoyed some brightness between showers on the 28th. Photo credit James Wilson

It was all about the rain this month with just over twice the average falling, particularly over the first half of the month, leading to the wettest month for 14 years and the second wettest November at the airport. With largely Atlantic influenced weather we noted another milder than average month although temperatures did fall away sharply at times in the last week. Storm ‘Ciaran’ produced the highest gust at the airport since January last year and the highest November gust since 2016 helping make this month the windiest of the year to date. Sunshine did well considering the very unsettled nature of the month, coming in at just a fraction below the long term average.

Autumn sunshine totals were within 3 hours of the average but rainfall was well above due to the very wet November. With September being the warmest month of the year it was no real surprise to see this season overall being the second warmest on record after 2006.

Autumn	2023	30 Yr Avg	Anomaly/%
Rain (mm)	393.2	259.8	151.3
Sun (hrs)	378.2	380.8	99.3
Mean Max (°C)	17.0	15.2	+1.8
Mean Min (°C)	12.0	10.9	+1.1
Mean (°C)	14.5	13.1	+1.4

December

A cool northeasterly breeze ushered in the last month of the year as decaying low pressure over Central Europe pulled in a gentle, showery airflow with excellent visibility around the islands. The mercury topped out at just 6.9°C by the end of the 1st with a scattering of showers overnight in to the 2nd, some of which contained hail. By dawn we were down at just 2.2°C but grass temperatures fell away sharply just after sunrise as the overnight cloud cleared, with a hoar frost widely reported around the island.

As the day wore on a weak front nudged in to the Southwest Approaches as our winds backed in to the south with cloud thickening and lowering through the afternoon. Overnight showers became heavier for a time with a brief but heavy hail shower around 0430hrs along the south coast but by dawn temperatures had picked as a fresher southerly feed established itself in from the Atlantic. A deepening low out to the west was stretching its fronts in across the UK with rain arriving later that afternoon and associated winds increasing fresh to strong. That rain became persistent and at times heavy overnight and through the morning of the 4th before clearing to showers shortly before midday.

The centre of this low was over the Isle of Wight by now, progressing slowly east with rain and more organised bands of showers within the general circulation. Winds locally veered west then northwest by day's end as our rainfall totals steadily mounted up. This low continued to drift east over the Low Countries allowing us a break from those showers by evening on the 5th as a temporary ridge of high pressure built in from the south for the 6th. It was a brief respite however as the next deep low swung in from the near Atlantic with thickening cloud during the afternoon heralding the warm front arrival with the first splashes of rain falling around mid evening. With a complex series of fronts now crossing the UK the 7th remained dull with rain, drizzle and mist together with strong southerly winds until late in the day when the passage of the clearing cold front veered those winds into the west with a rash of showers overnight in to the 8th.

It was still a very unsettled look to the charts, although air temperatures had recovered from the start of the month, now making low teens by day and just dipping into single digits overnight. A continuation of those blustery showers later on the 8th turned to rain and drizzle overnight, occasionally heavy, and it became misty with hill fog patches through the morning of the 9th as yet another system swept in from the west, again clearing to the east with a scattering of showers that afternoon. The next series of fronts was right on the coat-tails of that last one however, and by late morning on the 10th we were once again back under leaden skies with rain, drizzle and mist patches. These fronts whistled through quite smartly by early afternoon but it remained mostly cloudy, still with those strong winds coming in off the Atlantic.

A slower moving depression off the west coast of Ireland was now looking to play a greater part in our weather, still with mostly cloudy conditions with periods of rain and drizzle clearing to blustery showers, occasionally with hail later on the 12th. After a brief respite from those strong southwesterly winds, the winds picked up once more gusting to 47mph around noon on the 12th. As that low continued its progress slowly east across central and southern parts of the UK, those showers started to ease off. Locally our winds veered into the northwest with a cooler feed now dropping down in to the Channel. A brief ridge late on the 13th led to clear skies for a time overnight in to the 14th with air temperatures dipping briefly to 5.9°C before cloud spilled in by dawn in advance of the next warm front out to the west.

This advancing front brought the first splashes of rain in time for the morning commute, mixing with drizzle later in the morning before mist and hill fog rolled in by midday. The worst of this weather cleared fairly swiftly thereafter to leave us with a mainly cloudy afternoon with just the odd bright spell. That rain returned briefly later in the evening before clearing around midnight as the winds veered in to the northwest and eased down to light and variable by dawn on the 15th. A broad belt of high pressure was now starting to push up from the southwest with the promise of more settled weather across southern parts of the UK for a few days.

Patchy light drizzle due to a passing weak warm front in the early hours of the 16th gave way to a cloudy but dry morning for the 16th and this cloud shield broke up shortly after lunch providing us with a pleasant sunny afternoon with light southwesterly winds and temperatures in to the low double figures.

High pressure now stretched across much of mainland Europe with a moderate southwesterly flow covering the Channel. A rather long sea track for this particular wind direction unfortunately led to cloud filling in early on the 17th but we enjoyed a dry but mostly dull couple of days, again with temperatures just on the mild side of average.

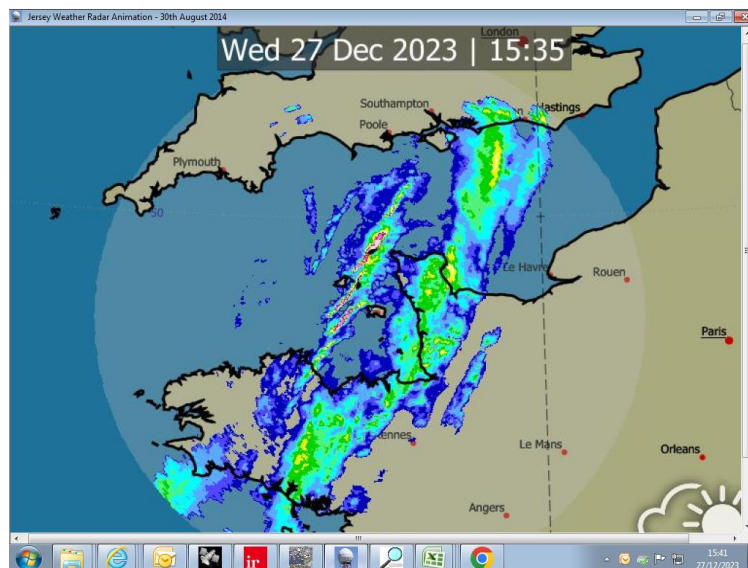
As that European high slipped slowly east, a series of fronts dropped down across the UK overnight in to the 19th with patchy rain and drizzle arriving in the Channel by mid morning. Cloud thickened and lowered in to mist and hill fog for a time before clearing shortly after midday as those fronts edged away southeast with the winds veering sharply in to the northwest. It wasn't until after dusk that skies cleared though, with a fresher feel to the air together with a scattering of light showers overnight as high pressure once again built in from the Azores.

This high centred just to the north of the Azores was now extending its influence right the way from the east coast of North America to Spain and Portugal, with a series of low pressure systems running around its northern periphery. A fresh to strong westerly flow, with a long sea track in from the Atlantic prevailed for the next few

days with mainly cloudy but rather mild conditions for the islands, with patchy rain or drizzle at times. Despite temperatures being well above average, sunshine totals were rather disappointing with less than an hour a day on average over the last week or so.

By the 24th a couple of more active fronts made progress south over the UK with patchy rain and drizzle through the day across the islands, becoming more persistent that evening together with mist thickening in to fog. Those fronts stalled their southward progress along the south coast of the UK with the islands sitting under a blanket of thick cloud with outbreaks of rain, drizzle, mist and fog throughout Christmas Day, with strong southwesterly winds. Boxing Day dawned drier, although still cloudy as those fronts briefly cleared to the south but returned later that afternoon with more rain, drizzle, mist and fog to close out a rather gloomy, damp and windy festive break.

This returning front heralded the arrival of the next named storm for the winter, Storm 'Gerrit', and this particular system deepened rapidly as it approached the UK overnight in to the 27th bringing very strong winds and heavy rain to large parts of the country, and snow to the Highlands of Scotland. Locally we escaped the worst of this stormy weather although strong to gale force southerly winds forced cross Channel sailing cancellations and disrupted flights to Alderney. The clearing cold front from 'Gerrit' arrived in the Southwest Approaches around midday on the 27th with a few hours of rain and drizzle that afternoon before clearing just before sunset. Some heavier bursts of rain were noted on this clearance due to segmented line convection.



Clearing cold front from Storm 'Gerrit' showing segmented line convection (in red) to the north and south of the island. Radar imagery courtesy of Jersey Met Office

Following this clearance a strong southwesterly flow set across the Bailiwick with a scattering of light showers during the morning of the 28th, these becoming more widespread and heavier through the afternoon and evening but still with temperatures topping out around 13°C.

This storm became slow moving over the North Sea and Scandinavia, with an unsettled showery westerly flow covering most of the southern half of the UK for the next couple of days. We managed some brighter intervals at times but another Atlantic low swept in for the 30th with a rash of heavier showers that evening, occasionally with hail. The winds ramped up for the 31st, with squally showers of rain and hail and even a few flashes of lightning noted that morning. The month's highest gust was reported at 51 knots (59mph) at 0827 as we enjoyed a few hours of gale force southwesterly winds to close out the year.

After a short cool snap to start the month, December was predominately about strong but mild southwest or westerly winds with resulting air temperatures well above average. With a mean temperature of 9.9°C it was the warmest December for 8 years and the 5th warmest since our records began in 1843. Sunshine came in well

below average making it the dullest for 5 years and all that rain led to the 2nd wettest for 10 years. With a mean speed of 15.6 knots it was also the windiest December since 2015.

ANNUAL WEATHER SUMMARY



Guernsey Met

2023 in Guernsey

2nd warmest year on record

Warmest September and the 2nd warmest autumn on record
The dullest year since 2012 and the wettest year since 2020

Warmest day 29.5°C, 9th September. Lowest temperature 0.3°C, 7th January. Wettest day 42.0mm, 1st August

Average temperature

12.6 °C

30-year average
1991 to 2020

11.7 °C

Warmest

12.8 °C in 2022

Coldest Year

8.7 °C in 1879

Total rainfall

1026.5 mm

30-year average
1991 to 2020

860.9 mm

Wettest Year

1447.3 mm in 1872

Driest Year

448.7 mm in 1921

Total sunshine

1814.1 hours

30-year average
1991 to 2020

1889.6 hours

Sunniest Year

2262.8 hours in 1959

Dullest Year

1532.5 hours in 1981

Monthly mean temperature in °C 2023 / long-term average



Monthly rainfall in millimetres 2023 / long-term average



Monthly sunshine in hours 2023 / long-term average



Temperature and rainfall records began in 1843
Sunshine records began in 1894

Online www.metoffice.gov.gg

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MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2023	DIFFERENCE FROM AVERAGE	2023	PERCENTAGE OF AVERAGE	2023	PERCENTAGE OF AVERAGE
JAN	7.7	+0.5	120.0	130.4	61.3	97.9
FEB	7.7	+0.8	27.1	35.7	104.9	120.6
MAR	8.8	+0.7	117.4	185.5	93.5	69.1
APR	9.7	0.0	61.1	113.1	186.1	92.7
MAY	12.7	+0.4	32.9	67.1	278.3	116.5
JUN	16.7	+1.9	18.4	38.4	272.4	110.8
JUL	17.1	+0.4	38.1	88.2	218.5	86.3
AUG	17.1	0.0	83.7	147.9	179.2	79.0
SEP	18.3*	+2.6	55.0	99.6	184.7	100.4
OCT	14.8	+1.6	121.5	124.1	119.0	99.1
NOV	10.5	+0.2	216.7	203.1	74.5	97.0
DEC	9.9	+1.8	134.6	112.8	41.7	71.5
YEAR	12.6	+0.9	1026.5	119.2	1814.1	96.0

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2023	DATE	2023	AVERAGE 1991-2020	2023	AVERAGE 1991-2020
JAN	61.3	62.6	112.8	1998	26.0	1966	7.6	23rd	22.8	23.2	9	9.8
FEB	104.9	87.0	150.5	2019	36.1	1976	9.2	8th	35.6	29.5	3	6.2
MAR	93.5	135.3	214.8	2009	67.4	1964	10.2	18th	25.4	36.8	9	5.6
APR	186.1	200.7	285.4	2021	122.2	1981	12.7	20th	45.5	49.1	3	2.2
MAY	278.3	238.9	336.4	1989	136.9	1981	14.3	25th	58.9	50.5	1	2.0
JUN	272.4	245.9	355.3	1975	147.8	1977	14.6	15th	56.6	51.1	1	1.3
JUL	218.5	253.3	340.5	2018	167.7	1972	14.5	6th	45.1	52.3	2	1.2
AUG	179.2	226.8	323.0	1955	139.2	1992	13.0	6th	40.5	51.2	1	1.4
SEP	184.7	183.9	266.5	1959	104.5	1956	11.6	4th, 15th	49.0	48.8	1	1.6
OCT	119.0	120.1	176.4	1971	72.6	1968	10.1	8th	35.9	36.2	4	4.7
NOV	74.5	76.8	123.6	2006	38.9	1981	7.7	25th	27.5	28.3	6	6.3
DEC	41.7	58.3	108.9	2001	26.6	1966	5.5	8th	16.3	22.9	9	9.8
YEAR	1814.1	1889.6	2262.8	1959	1532.5	1981	14.6	15-Jun	40.7	42.4	49	52.1

ATMOSPHERIC PRESSURE (Hectopascals) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.
JAN	1017.6	1017.6	1030.5	1992	1001.1	1948	1049.3	19/2020	2333	966.6	20/1965	1220
FEB	1030.0	1017.8	1032.1	1959	1000.6	2014	1047.5	7/1964	1050	952.5	25/1989	1050
MAR	1010.6	1017.2	1029.9	1953	1000.7	2018	1047.7	3/1990	0930	969.6	13/1951	1630
APR	1016.8	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947	0800	979.5	16/1998	1620
MAY	1022.4	1016.9	1025.3	1991	1007.6	1983	1039.8	01/2012	1045	981.3	5/2004	2350
JUN	1017.9	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959	0850	988.9	9/1954	1500
JUL	1014.0	1017.4	1023.5	1969	1013.9	1988	1034.5	12/1969, 8/2022	1150	986.6	3/1988	0845
AUG	1015.4	1017.0	1022.0	1981	1011.9	1963	1036.1	12/1949	0930	982.3	9/1948	0000
SEP	1015.1	1017.4	1024.2	1977	1009.9	1999	1037.3	22/1947	0700	974.7	13/1993	0630
OCT	1008.3	1015.0	1024.5	1971	1003.9	1960	1040.0	26/1969	2200	959.5	16/1987	0200
NOV	1006.9	1014.1	1026.2	1978	1001.5	2000	1041.9	2/2001	0850	963.2	9/2011	0300
DEC	1014.7	1016.3	1029.5	1991	1000.6	1978	1046.0	25/1991	0950	964.2	8/1954	1450
YEAR	1015.8	1016.7	1019.8	1949	1013.4	1960	1049.3	19/02/2020	1023	952.5	25/02/1989	1050

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS(≥1.0mm)	
	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2023	DATE	2023	AVERAGE 1991-2020	2023	AVERAGE 1991-2020
JAN	120.0	92.0	210.0	2001	15.4	1992	20.8	17th	19	19.1	16	14.1
FEB	27.1	75.8	182.8	1978	4.8	1965	10.3	22nd	11	16.5	4	12.0
MAR	117.4	63.3	179.6	2001	2.7	1961	21.0	30th	21	14.8	18	10.4
APR	61.1	54.0	130.4	1966	2.9	1980	13.0	11th	14	12.9	12	9.3
MAY	32.9	49.0	128.7	1994	4.1	1989	11.4	8th	8	11.3	6	8.2
JUN	18.4	47.9	129.7	1986	0.6	1976	9.5	19th	7	10.8	3	7.3
JUL	38.1	43.2	120.2	1960	1.4	2022	9.8	31st	15	10.8	8	7.2
AUG	83.7	56.6	122.0	1951	3.8	1955	42.0	1st	16	11.6	10	8.4
SEP	55.0	55.2	194.5	1952	6.9	1997	27.2	16th	12	11.9	4	8.5
OCT	121.5	97.9	233.9	1960	3.4	1978	15.7	26th	19	17.8	16	13.6
NOV	216.7	106.7	234.5	2009	16.1	1978	29.8	4th	25	19.5	24	15.6
DEC	134.6	119.3	249.6	1999	28.1	1953	20.2	8th	25	19.5	20	16.3
YEAR	1026.5	860.9	1317.0	1960	531.3	1989	42.0	01-Aug	192	176.5	141	130.9

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM			MEAN MINIMUM		LOWEST MINIMUM				
	2023	AVERAGE 1991-2020	2023	DATE	RECORD HIGHEST	DATE	2023	AVERAGE 1991-2020	2023	DATE	RECORD LOWEST	DATE
JAN	9.6	9.0	12.9	7th	13.3	4/48,9/07	5.8	5.4	0.3	22nd	-7.8	20/1963
FEB	9.5	8.8	11.5	15th	16.1	27/2019	5.9	4.9	0.9	8th	-7.2	21/48,7/91
MAR	10.8	10.2	13.9	17th & 18th	19.6	30/2021	6.8	5.8	2.3	1st	-2.2	10,11/1958
APR	12.3	12.4	16.0	29th	24.5	11/2020	7.1	7.0	3.0	4th	-1.4	11/1986
MAY	15.3	15.1	17.7	2nd	25.9	30/2003	10.1	9.4	8.1	2nd	0.1	2/1979
JUN	19.9	17.7	24.9	15th,24th	30.8	26/1976	13.5 *	11.8	10.1	3rd	5.4	1/1975
JUL	19.9	19.6	27.0	7th	34.2	18/2022	14.2	13.8	11.8	6th	8.3	8/1954
AUG	19.7	19.9	22.9	10th	34.3	9/2003	14.6	14.2	12.5	31st	9.2	28/1986
SEP	21.4 *	18.2	29.5	9th	30.6	2/1961	15.2 *	13.1	11.7	21st, 30th	5.8	28/1974
OCT	17.1	15.3	24.3 *	8th	24.3	8/2023	12.4	11.1	9.1	16th	3.5	28/2003
NOV	12.5	12.1	15.2	1st	18.0	1/2015	8.5	8.4	3.7	25th	-0.8	28/2010
DEC	11.5	9.9	13.5	10th	15.6	6/1953	8.3	6.3	2.2	2nd	-3.8	24/1963
YEAR	15.0	14.0	29.5	09-Sep	34.3	09/08/03	10.2	9.3	0.3	22-Jan	-7.8	20/01/63

* New Record

MONTH	MEAN DAILY AIR TEMPERATURE					MEAN DAILY RANGE						
	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	7.7	7.2	9.0	2007	1.5	1963	3.8	3.6	4.7	1984	3.0	2005
FEB	7.7	6.9	9.0	1990	1.5	1986	3.6	3.9	4.8	2019	2.9	1993
MAR	8.8	8.0	10.3	1957	4.4	1962	4.0	4.4	6.4	1953	3.6	2006
APR	9.7	9.7	12.0	2020	6.4	1986	5.2	5.4	7.1	2011	4.2	1972&1978
MAY	12.7	12.3	13.9	1989	9.9	1984	5.2	5.7	7.3	1989	4.6	1981&1996
JUN	16.7 **	14.8	16.7	1976	11.3	1972	6.4	5.9	8.3	1976	4.1	1977
JUL	17.1	16.7	19.4	1983	13.8	1954	5.7	5.9	8.0	2022	4.4	1954&1998
AUG	17.1	17.1	19.3	2022	14.3	1956	5.1	5.6	7.3	1955&2003	4.3	1958
SEP	18.3 *	15.7	18.3	2023	12.8	1986	6.2 *	5.0	6.2	2003&2023	3.6	1967
OCT	14.8	13.2	15.2	2001	9.6	1974	4.7	4.1	5.2	2018	3.1	2015
NOV	10.5	10.3	12.0	1994	7.7	1993	4.0	3.7	4.9	1969	2.8	1994
DEC	9.9	8.1	10.1	1953	4.4	2010	3.2	3.6	4.5	1968	2.1	2015
YEAR	12.6	11.7	12.8	2022	9.6	1963	4.8	4.7	5.2	1949,89,90	4.3	1977

** 1976 warmer by a fraction.

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2023	DATE	RECORD LOWEST	DATE	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR
JAN	-6.0	23rd	-10.0	29/1947	0	1.0	16	1963	7	6.2	20	1985
FEB	-4.1	8th	-11.1	12/1978	0	0.9	18	1986	4	7.4	24	1956
MAR	-0.9	6th	-9.4	3/1965	0	0.2	4	1947	3	6.1	18	1955
APR	-1.0	7th	-7.0	5/1990	0	0.0	1	1978,86	1	3.9	10	1956,73,84,2021
MAY	5.3	2nd	-5.6	5/1979	0	0.0	--	--	0	0.9	9	1979
JUN	7.6	30th	-3.0	14/1987	0	0.0	--	--	0	0.1	3	1987,89
JUL	6.8	26th	1.0	7/1996	0	0.0	--	--	0	0.0	--	--
AUG	8.3	16th	0.8	11/1981	0	0.0	--	--	0	0.0	--	--
SEP	6.4	14th	-1.0	23/1979	0	0.0	--	--	0	0.0	1	1979,86,87
OCT	5.2	15th	-4.0	30/1983	0	0.0	--	--	0	0.7	6	1992
NOV	-0.8	25th	-5.6	29/1987	0	0.1	2	2010	1	2.5	9	1988
DEC	-1.1	2nd	-8.9	29/1964,27/1995	0	0.5	5	1970	2	5.8	13	2010
YEAR	-6.0	23-Jan	-11.1	12/02/1978	0	4.5	31	1963	18	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR
JAN	7	5.8	13	1955,82	1	2019	0	0.5	4	1979,98
FEB	9	7.1	15	1979	0	1969	0	0.5	3	1957,89
MAR	14	8.1	16	1960,94	0	1968,73	0	0.4	4	1958,67,82,87,95
APR	8	6.7	16	1963	0	2012,2021	0	0.6	4	1981,95
MAY	7	8.2	19	1964	2	1988,2002,'21	0	0.9	4	1950,71
JUN	13	9.3	18	1965,2016	1	1975	0	1.1	6	1982
JUL	7	10.3	20	1972,78	2	2022	0	0.9	5	1982,94
AUG	9	8.9	21	1997	2	1976	0	1.4	5	1974
SEP	3	4.9	15	1987	0	1952,53,72,2015	2	0.8	10	1976
OCT	4	3.9	17	1986	0	-	2	1.2	5	1964
NOV	2	3.1	14	1992	0	-	2	0.9	4	1969
DEC	6	4.9	11	1995	0	1947,64,75	0	0.9	4	1976,93
YEAR	89	81.2	115	1994	52	2008	6	10.1	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	1	2.0	12	1963,85	6	4.8	13	1984,85	0	1955,64,70,92,93
FEB	0	3.0	18	1956	4	5.5	18	2014	0	-
MAR	1	1.4	10	1962,70	1	3.4	10	2008	0	-
APR	0	0.4	4	1970	2	2.2	10	1994	0	-
MAY	0	0.0	3	1979	0	0.4	3	1955,82	0	-
JUN	0	0.0	-		0	0.1	1	1986,87,2016	0	-
JUL	0	0.0	-		0	0.1	1	1971,87,94 2014	0	-
AUG	0	0.0	-		0	0.0	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	5	5.1	13	2009	0	1964,68,75,2016
YEAR	2	8.5	33	2010	22	26.5	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2023	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2023	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	19	31	1948	4	1992	16	28	1948	3	1992
FEB	11	26	1970,95	2	1959	4	23	1951	1	1965
MAR	21	27	1979	3	1961	18	21	1947	1	1961
APR	14	21	1983	2	2011	12	18	1966	1	1976,'80,'11
MAY	8	26	1981	2	1989	6	19	1981	1	1989
JUN	7	21	1991	3	1975,76	3	14	1987,91	0	1976
JUL	15	20	1960,07	2	2022	8	15	1950,07	0	2022
AUG	16	21	1963	1	1976	10	18	1992	1	1955,76
SEP	12	23	1950,52	4	1959,97	4	21	1950	2	1959,97
OCT	19	28	1981	5	1965,78	16	24	1981	1	1978
NOV	25	28	2009	8	1978	24	26	2009	5	1988
DEC	25	28	1993	8	1991	20	26	1959	5	1991
YEAR	192	212	1960	138	1971	141	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2023	AVERAGE 1991-2020	2023	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2023	DATE	RECORD HIGHEST	DATE
JAN	12.7	13.4	1	1.6	11	1984	55	16th	77	25/1990
FEB	9.4	12.6	0	0.8	10	1990	30	26th	69	9/1988,11/1990
MAR	12.6	11.7	1	0.6	6	1980	53	31st	70	10/1982
APR	10.3	10.6	1	0.1	2	1964,72,83,94	54	12th	60	9/1994
MAY	9.7	10.4	0	0.2	2	2007	35	30th	58	19/1996
JUN	9.2	9.9	0	0.0	0	—	31	1st	51	16/1965
JUL	11.4	9.8	0	0.0	1	1956,69	38	15th	63	31/1983
AUG	9.7	9.3	0	0.0	1	1956,61,86	44	2nd	52	26/1986
SEP	8.9	10.3	0	0.0	2	1953,65,74,83	36	20th	60	29/1962
OCT	11.4	11.7	0	0.7	4	1967,76	46	18th	81	16/1987
NOV	14.5	12.7	2	0.8	8	1977	68	2nd	73	23/1984,20/2016
DEC	15.6	13.6	1	1.6	9	1979	51	31st	83	15/1979
YEAR	11.3	11.3	6	6.4	20	1972	68	02-Nov	83	15/12/1979

GUERNSEY AIRPORT MET OFFICE 2023

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								2.0	0.5				
2										6.5			
3	2.0												
4	6.0												
5													
6	0.5				3.0								
7					0.5								
8					1.5								
9			0.5		9.5			5.5				1.5	
10	0.5	0.5		0.5		1.0			1.5	1.0			
11		2.0	4.0			0.5	3.0	3.5					
12			2.5			5.0				2.5	1.0		
13			0.5										
14	0.5				7.5		1.0						1.5
15													
16		9.0						0.5					
17		3.0											
18		2.5				1.5				0.5	3.5		
19													2.0
20						2.5							
21		3.5											
22		0.5	0.5			0.5							
23			0.5			2.0	0.5	1.5					
24						0.5							0.5
25	0.5												
26				1.0									0.5
27				12.5			8.0						
28			0.5	4.5		1.5	3.0						
29			1.0										
30						5.0							
31							11.0	4.5					
Tot Hrs	10.0	21.0	10.0	18.5	22.0	20.0	26.5	17.5	2.0	10.5	4.5	6.0	168.5
Tot Days	6	7	8	4	5	10	6	6	2	4	2	5	65

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 2023

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1								0.5					
2										0.5			
3													
4	2.0												
5													
6	0.5				0.5								
7													
8													
9					9.5			4.5					
10		0.5				1.0			0.5	1.0			
11		2.0	2.0				0.5	1.5					
12			1.5			3.5				0.5	0.5		
13													
14					5.5								1.0
15													
16		6.0											
17													
18						1.0					1.5		
19													
20						1.0							
21		3.0											
22			0.5										
23						0.5							
24													
25													
26													
27				10.5			4.5						
28			0.5	3.0			1.5						
29													
30													
31							6.0	2.5					
Tot Hrs	2.5	11.5	4.5	13.5	15.5	7.0	12.5	9.0	0.5	2.0	2.0	1.0	81.5
Tot Days	2	4	4	2	3	5	4	4	1	3	2	1	35

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 SARK 2023

MONTH 2023	TEMPERATURE °C								RAINFALL mm				SUNSHINE Hours			
	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	10.2	9.6	13.8	5th	6.2	5.7	2.3	17th	120.3	115.3	19.6	17th	50.4	51.1	6.1	21st
FEB	10.1	9.5	12.9	19th	5.9	5.1	1.1	7th	17.8	85.6	4.5	23rd	88.7	99.5	7.9	14th
MAR	11.5	11.0	14.7	18th	7.0	6.1	2.9	10th	135.1	66.5	16.7	23rd	92.5	144.9	9.8	18th
APR	13.4	13.7	17.3	29th	7.6	7.4	4.9	11th	68.5	39.4	15.1	22nd	195.0	230.9	12.9	20th
MAY	16.2	16.1	18.9	24th	10.3	9.6	8.5	1st	32.0	39.9	9.6	8th	279.5	255.9	13.8	16th, 21st, 27th
JUN	20.8	18.9	26.1	16th	13.4	12.1	10.3	2nd	6.4	42.2	4.5	30th	245.1	246.2	14.3	25th
JUL	21.0	21.7	24.9	7th	14.1	14.1	10.8	17th	50.5	31.5	13.9	31st	213.5	287.4	13.9	6th
AUG	20.9	21.4	25.0	10th	14.7	14.5	12.3	19th	77.3	52.7	39.3	1st	203.4	243.6	13.9	16th
SEP	22.5	19.7	28.3	9th	15.4	13.7	10.4	29th	57.7	50.7	27.7	17th	183.5	189.6	10.9	4th
OCT	18.1	16.4	24.0	9th	12.4	11.6	9.4	15th & 16th	144.1	106.0	25.7	26th	111.1	129.0	8.4	3rd
NOV	12.7	12.8	15.3	3rd	8.7	8.7	3.5	24th	204.2	115.5	32.2	1st	56.5	68.1	6.2	25th
DEC	11.6	10.9	13.6	8th	8.4	7.1	1.5	1st	155.4	121.5	19.4	8th	37.2	46.5	4.8	16th
YEAR	15.8	15.1	28.3	09-Sep	10.3	9.6	1.1	07-Feb	1069.3	866.8	39.3	1-Aug	1756.4	1992.7	14.3	25-Jun

Note: 10 year average is 2013-2022

Meteorological Observations January 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Sun	1	1011.6	12.2	8.3	10.3	7.8	10.1	10.2	200	13	11.2	33	8.5	NIL	Cldy by dawn with rain & drizzle from noon, clrng mid eve		
Mon	2	1018.1	10.8	7.3	9.1	4.9	9.6	10.4	290	04	9.1	22	0.1	4.4	Fair with occasional showers am. Good vis pm		
Tue	3	1022.8	12.0	9.1	10.6	6.3	9.3	10.4	200	17	17.6	32	13.7	NIL	Cldy with rain from late am. Drz with mist & fog ptches pm & eve		
Wed	4	1021.0	12.4	11.1	11.8	10.5	10.1	10.4	240	20	19.3	34	1.8	NIL	Overcast with rain, drz, mist & fog, lifting late eve		
Thu	5	1024.1	12.3	10.9	11.6	9.6	10.4	10.4	230	12	14.9	27	1.0	0.5	Cldy with mist & fog clrng mid am. Occn rain & drz late eve		
Fri	6	1017.7	11.8	9.6	10.7	8.6	10.5	10.5	190	09	12.9	29	9.2	NIL	Cldy with rain, drizzle & fog		
Sat	7	1000.9	12.9	7.6	10.3	10.0	10.6	10.6	180	21	20.4	41	2.5	3.4	Cldy with rain & drizzle am clrng to fair with sct rain/hail shwrs		
Sun	8	996.4	10.4	6.7	8.6	5.7	9.7	10.7	200	19	20.1	41	5.0	2.7	Fair with frqnt shwrs, occn hvy & with hail. Lightning @ 1817z		
Mon	9	1004.8	10.1	5.4	7.8	5.3	9.1	10.6	280	23	18.8	40	4.3	3.4	Fair with frqnt shwrs, occn hvy with hail, clrng mid pm		
Tue	10	1013.1	12.6	7.5	10.1	5.2	9.0	10.6	210	13	17.5	32	3.0	NIL	Cloudy with rain and drizzle. Mist and fog patches		
Wed	11	1016.2	11.9	9.1	10.5	6.5	9.5	10.4	260	22	20.6	41	0.9	2.9	Cloudy with showers, some bright spells mid morning		
Thu	12	1011.4	11.6	8.5	10.1	9.2	9.9	10.4	230	26	23.2	43	5.1	NIL	Cloudy with rain and drizzle late am, clrng by eve		
Fri	13	1015.7	10.8	8.4	9.6	6.0	9.5	10.4	280	20	17.8	38	4.0	2.5	Mainly fine/fair with occ light shwrs am		
Sat	14	1002.6	11.9	6.7	9.3	6.2	9.6	10.4	210	17	18.4	37	6.5	NIL	Cloudy. Rain, drz, mist & hill fog ptchs am, isol showers pm		
Sun	15	1006.6	8.7	3.9	6.3	2.0	9.5	10.4	270	17	20.2	43	16.5	0.7	Cldy. Shwrs with hail am, rain mid eve, bec hvy. Lightning @ 0620z		
Mon	16	990.3	8.4	3.4	5.9	3.9	8.1	10.3	320	20	15.8	55	11.3	6.0	Cldy. Shwrs early bec fair then fine. Cldy eve, rain. Gale 0345-0359z		
Tue	17	983.2	4.8	2.0	3.4	-0.3	7.4	10.2	080	08	10.6	30	20.8	NIL	Cldy with persis rain & sleet until mid pm. Clrng fine late eve		
Wed	18	1000.4	6.8	2.3	4.6	-0.6	6.7	10.1	330	10	12.0	33	0.1	3.2	Fair/fine with isol shwrs occn with hail. Good viz		
Thu	19	1007.9	6.9	4.2	5.6	-0.3	6.2	9.6	030	01	6.1	19	0.8	1.8	Cldy with isol shwrs am, fair/fine pm. Good viz		
Fri	20	1020.9	8.4	3.3	5.9	-0.7	6.3	9.5	300	06	5.1	19	0.1	6.0	Fair or fine with sct shwrs am. Good viz		
Sat	21	1030.6	6.8	1.4	4.1	-3.4	5.7	9.1	030	02	6.2	19	NIL	7.4	Fine with early hoar frost		
Sun	22	1034.9	7.4	0.3	3.9	-5.8	5.0	9.0	160	02	3.6	14	NIL	1.9	Fine with early hoar frost bec cldy mid am. Fair/fine eve		
Mon	23	1036.1	7.2	0.9	4.1	-6.0	4.6	8.8	070	06	6.0	18	NIL	7.6	Fine with early hoar frost frost until mid am. Bec cldy pm & eve		
Tue	24	1037.7	6.8	5.9	6.4	1.7	5.5	8.5	040	08	8.4	20	NIL	0.1	Cloudy		
Wed	25	1036.6	9.0	4.3	6.7	3.6	5.9	8.4	360	07	6.5	26	3.8	0.9	Cloudy with drizzle & fog patches late pm & early eve		
Thu	26	1030.1	9.1	5.9	7.5	4.1	6.6	8.4	030	16	12.8	29	TR	0.2	Cloudy, briefly fair. Isol shwrs pm & eve		
Fri	27	1029.9	7.2	5.1	6.2	3.7	6.5	8.4	020	11	9.4	23	TR	0.2	Cloudy with isol showers. Good viz		
Sat	28	1032.9	6.4	4.1	5.3	0.5	6.2	8.4	030	06	5.5	15	NIL	NIL	Cloudy. Xlnt vis		
Sun	29	1031.3	9.4	4.3	6.9	3.3	6.3	8.4	250	05	7.4	21	0.9	2.6	Briefly fine mid am othws cldy with isol shwr mid pm. Rain & hvy drz late eve		
Mon	30	1028.2	9.9	6.9	8.4	4.2	6.8	8.4	340	07	7.3	19	NIL	2.4	Cloudy occn fair. Slight rain & drizzle mid am		
Tue	31	1030.1	11.1	6.6	8.9	3.6	7.3	8.4	260	11	10.5	22	0.1	0.5	Cloudy occn fair, rain & drizzle with mist at times, mainly pm		
MEAN		1017.6	9.6	5.8	7.7	3.7	8.0	9.7	W	12.2	12.7	TOTAL	120.0	61.3			
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			
EXTREMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDR	LGHTNG	AIR	GROUND	FOG	FOG	GALE	NO				
ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN				
BOLD TYPE	WITH	19	16	1	6	0	2	0	7	7	1	1	9		TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947														RAINFALL	120.0 mm	SUNSHINE	61.3 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	19	SUNLESS DAYS	9				
DAY/YEAR	11th/2001	YEAR	1992	DAY/YEAR	20th/1963	YEAR	2007	YEAR	1998	WET DAYS	16						
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 February 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Wed	1	1030.6	10.5	8.3	9.4	5.4	7.6	<u>8.5</u>	300	12	12.1	24	TR	1.2	Cloudy with isol showers		
Thu	2	1032.4	10.8	8.6	9.7	6.2	7.7	8.6	280	12	12.1	22	0.5	0.9	Cloudy with isol showers		
Fri	3	1036.0	11.2	8.5	9.9	6.6	8.1	8.6	280	09	10.3	21	TR	3.0	Cloudy with patchy light rain & drz, occn fair		
Sat	4	1039.7	9.4	8.1	8.8	6.7	8.4	8.8	290	<u>02</u>	4.3	13	TR	NIL	Overcast with light drz eve		
Sun	5	<u>1045.5</u>	9.4	4.4	6.9	6.3	8.4	8.9	040	09	7.8	20	NIL	6.5	Cldy with early light rain & drz bec fair then fine		
Mon	6	1042.1	8.5	3.6	6.1	0.4	7.4	9.0	090	10	7.7	19	NIL	8.7	Fine, bec fair eve		
Tue	7	1037.6	7.6	2.7	5.2	-1.5	6.7	9.0	070	11	8.8	20	NIL	8.9	Fine		
Wed	8	1035.4	8.2	<u>0.9</u>	<u>4.6</u>	<u>-4.1</u>	<u>5.9</u>	8.9	090	03	<u>3.4</u>	09	NIL	<u>9.2</u>	Fine occn fair/cldy eve. Early hoar frost		
Thu	9	1033.6	10.8	4.3	7.6	-2.1	6.3	8.7	320	04	4.4	10	0.6	0.5	Mainly cldy. Patchy rain/drz late pm. Shallow fog ptchs eve		
Fri	10	1039.3	10.7	6.3	8.5	1.0	7.1	8.6	250	04	4.7	12	0.2	3.0	Fair. Shallow fog/fog patch early eve. Drz & fog by midnight		
Sat	11	1037.9	10.1	6.4	8.3	0.6	7.7	8.6	180	03	4.5	16	0.4	2.1	Drizzle, mist & hill fog clrng am. Cldy occn fair pm		
Sun	12	1036.2	9.2	5.5	7.4	3.8	7.8	8.6	110	12	10.4	18	TR(dew)	9.1	Early low cloud bec fine		
Mon	13	1032.7	9.5	5.7	7.6	3.0	7.5	8.7	150	12	11.4	20	0.1(dew)	8.2	Fine with dew early bec fair then fine pm & eve		
Tue	14	1031.2	11.4	6.3	8.9	4.0	7.8	8.8	130	06	9.0	17	NIL	8.4	Mist & fog patches early am bec fine		
Wed	15	1025.0	<u>11.5</u>	7.6	9.6	4.5	7.5	8.8	170	09	9.0	16	TR	7.3	Fine bec cldy late pm with isol shwrs. Rain & drz with mist late eve		
Thu	16	1023.4	11.1	9.1	10.1	7.7	8.5	8.8	220	14	14.4	27	0.3	NIL	Cldy occn misty with rain & drz am. Drz & fog pm		
Fri	17	1027.8	10.9	<u>9.5</u>	<u>10.2</u>	<u>9.3</u>	9.1	8.9	260	<u>17</u>	<u>16.0</u>	26	0.1	NIL	Cldy with mist, drz & hill fog clrng late pm		
Sat	18	1028.2	10.9	9.4	10.2	8.8	9.4	9.0	250	15	15.7	27	TR	0.1	Cldy with rain & drz. Mist & fog late pm clrng mid eve		
Sun	19	1030.5	10.7	7.6	9.2	6.2	<u>9.5</u>	9.1	300	10	9.8	25	NIL	3.8	Fair bec cloudy		
Mon	20	1029.4	8.8	5.6	7.2	6.9	9.2	9.3	250	07	6.3	17	NIL	0.5	Mainly cloudy		
Tue	21	1019.5	9.2	4.9	7.1	5.4	9.0	9.4	120	04	4.2	12	4.7	0.3	Cldy with mist & fog by mid am, clrng early pm. Shwrs pm, rain eve		
Wed	22	<u>1013.3</u>	9.5	6.1	7.8	7.2	9.2	<u>9.5</u>	310	13	9.0	24	<u>10.3</u>	5.0	Cloudy with rain, drz & fog clrng mid am to fair with isol shwrs		
Thu	23	1016.9	8.8	3.8	6.3	-0.1	8.2	<u>9.5</u>	070	07	9.2	28	3.6	0.8	Bec cldy with frq shwrs am, occn hvy + hail. Isol shwrs pm & eve		
Fri	24	1014.7	8.3	4.6	6.5	2.1	8.3	<u>9.5</u>	030	09	8.9	21	TR	3.0	Fair to cldy with occn shwrs		
Sat	25	1015.4	7.9	5.4	6.7	3.9	7.9	9.4	050	14	12.3	30	TR	2.8	Fair am bec mainly cldy with occn shwrs		
Sun	26	1023.6	7.4	4.0	5.7	3.1	7.4	9.2	050	14	14.2	<u>30</u>	0.2	5.7	Fair to cldy with occn shwrs. Hail late am		
Mon	27	1029.4	<u>6.8</u>	3.7	5.3	2.4	7.1	9.2	070	15	12.2	28	0.8	3.7	Fair with occn rain/hail shwrs, dying out by mid pm. Cldy late eve		
Tue	28	1032.0	7.9	4.2	6.1	2.4	6.9	9.1	040	12	11.4	25	5.3	2.2	Cldy occn fair @ noon. Sct rain/hail shwrs am & eve		
MEAN		1030.0	9.5	5.9	7.7	3.8	7.9	9.0	W	9.6	9.4	TOTAL	27.1	104.9			
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			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		11	4	0	4	0	0	0	4	9	2	0	3				
RECORDS FROM JANUARY 1947														RAINFALL	147.1 mm	SUNSHINE	166.2 hrs
WETTEST DAY DAY/YEAR	59.0mm 18th/1978	DRIEST MONTH YEAR	4.8mm 1965	LOWEST MIN DAY/YEAR	-7.2°C 21st/48,7th/91	WARMEST MNTH YEAR	9.0°C 1990	SUNNIEST MNTH YEAR	150.5 2019	RAIN DAYS	30	SUNLESS DAYS	12	WET DAYS	20		
WETTEST MNTH YEAR	182.8mm 1978	HIGHEST MAX DAY/YEAR	16.1°C 27th/2019	LOWEST GRASS DAY/YEAR	-11.1°C 12th/1978	COLDEST MNTH YEAR	1.5°C 1986	DULLEST MNTH YEAR	36.1hrs 1976								

Meteorological Observations March 2023

DAY	DATE	BAROMETER hPa	TEMPERATURE deg C					WIND				RAIN mm	SUN hrs	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	
Wed	1	1029.2	6.9	<u>2.3</u>	<u>4.6</u>	-0.3	7.1	9.0	050	12	9.9	24	NIL	0.2	Mainly cloudy		
Thu	2	1024.3	7.4	3.6	5.5	0.1	6.7	8.8	030	06	7.1	17	NIL	1.8	Mainly cloudy but becoming fine by late evening		
Fri	3	1027.3	7.2	4.7	6.0	-0.8	6.7	8.7	040	10	8.9	20	TR	NIL	Cloudy		
Sat	4	<u>1030.1</u>	6.4	5.0	5.7	3.9	6.9	8.7	070	07	6.2	15	NIL	NIL	Cloudy. Isol light showers am		
Sun	5	1022.3	<u>5.4</u>	3.9	4.7	3.9	6.8	8.6	010	<u>04</u>	<u>4.9</u>	14	NIL	NIL	Overcast		
Mon	6	1011.3	8.7	3.6	6.2	<u>-0.9</u>	<u>6.5</u>	<u>8.5</u>	290	06	8.6	21	1.3	3.5	Mainly cloudy, isol light shwrs pm & eve		
Tue	7	1001.0	8.7	4.9	6.8	3.4	7.1	<u>8.5</u>	230	17	10.6	27	14.8	0.5	Cldy with shwrs am. Rain pm bec prstnt & hvy late eve		
Wed	8	<u>989.1</u>	10.9	5.8	8.4	5.5	7.7	<u>8.5</u>	230	15	17.5	33	4.8	NIL	Cldy with fog early. Rain occn hvy clrng to shwrs frm mid pm		
Thu	9	995.2	10.9	9.6	10.3	8.1	8.5	<u>8.5</u>	190	13	17.3	42	8.8	NIL	Cldy with sct shwrs, occn heavy. Mist & fog ptchs early pm		
Fri	10	1001.6	10.0	4.0	7.0	4.8	8.6	8.6	290	29	16.3	47	7.5	1.0	Cldy, rain & early fog ptchs clrng to shwrs @ dawn. Rain late pm		
Sat	11	1007.7	10.7	2.7	6.7	1.8	8.1	8.7	140	15	14.0	25	0.2	NIL	Cldy. Sleet early. Rain, drz & mist am, drz & fog pm clrng eve		
Sun	12	1013.5	11.1	9.2	10.2	7.5	8.5	8.7	240	12	14.1	29	7.2	NIL	Cldy & hzy with slt rain am. Prstnt rain mid pm, hvy with mist & fog		
Mon	13	998.2	12.9	9.3	11.1	9.2	9.3	8.8	220	20	17.5	36	2.1	3.3	Cldy occn fair. Rain early am, shwrs mid pm. Drz & fog eve		
Tue	14	1006.4	9.9	5.5	7.7	3.8	9.1	9.0	280	22	15.5	38	TR	9.9	Fair with sct shwrs early am bec isol with hail, fine pm		
Wed	15	1017.6	10.5	5.1	7.8	2.1	8.4	9.1	170	06	10.0	23	TR	3.1	Cldy occn fair am. Patchy light rain pm. Mist & fog by midnight		
Thu	16	1007.5	12.2	8.4	10.3	6.9	9.1	9.1	150	14	10.8	21	3.0	1.6	Cldy. Rain from mid pm. Fog & drz late eve		
Fri	17	1004.1	<u>13.9</u>	9.9	<u>11.9</u>	9.3	9.7	9.1	180	09	10.1	22	4.7	5.8	Cldy. Rain & fog clrng mid am. Fine bec cldy with shwrs late pm & eve		
Sat	18	1005.3	<u>13.9</u>	7.1	10.5	3.9	10.1	9.3	200	06	6.4	17	NIL	<u>10.2</u>	Cldy with early rain & mist bec fine by dawn. Occn fair eve		
Sun	19	1019.0	10.5	6.8	8.7	4.6	10.2	9.5	310	09	9.0	19	0.3	8.5	Fine, bec cldy pm with light rain eve		
Mon	20	1020.1	10.5	8.4	9.5	6.8	10.2	9.6	210	11	10.3	21	7.1	NIL	Cldy with rain & drz from dawn to early pm		
Tue	21	1012.8	12.4	8.8	10.6	7.3	10.2	9.8	230	15	14.0	25	3.0	7.2	Early rain, drz, mist & hill fog, clrng to fair/fine. Cldy eve		
Wed	22	1003.7	12.8	9.7	11.3	8.6	10.5	9.8	200	15	15.5	29	1.2	0.8	Cldy with rain, drz & fog ptchs for a time. Further rain late eve		
Thu	23	1001.8	12.8	9.1	11.0	7.4	10.8	9.9	200	16	14.4	26	11.1	2.1	Cloudy with rain, occn hvy, drz & fog patches pm		
Fri	24	1003.1	12.3	7.5	9.9	7.1	10.3	10.0	220	18	19.4	45	4.2	6.0	Fair with scattered showers		
Sat	25	1011.4	12.4	7.8	10.1	6.3	10.0	10.1	270	17	15.0	32	12.4	4.7	Fair, isol shwrs am. Cldy pm. Rain eve, occn hvy. Lghtng @ 0031z		
Sun	26	1002.8	11.4	6.6	9.0	6.3	10.0	10.1	280	14	11.2	35	0.1	7.8	Shwrs am, clrng to fair late am. Bec cldy eve		
Mon	27	1025.5	11.6	5.5	8.6	2.9	10.1	10.1	180	09	6.0	14	TR	9.2	Fine/fair bec cldy mid pm with a shwr late pm		
Tue	28	1019.2	10.6	8.1	9.4	6.6	10.9	10.2	170	21	13.2	30	0.4	NIL	Cldy with rain, drz, mist & fog late pm & eve		
Wed	29	1011.9	13.0	<u>10.2</u>	11.6	<u>10.0</u>	10.8	10.3	180	12	11.5	28	1.1	0.1	Cldy with drz & hill fog am. Rain & drz early eve, shwrs late eve		
Thu	30	1009.3	13.6	10.1	11.9	9.0	<u>11.0</u>	10.3	230	16	16.8	39	<u>21.0</u>	3.2	Cldy. Haze & isol shwrs am, bec fair. Cldy pm. Rain eve occ hvy		
Fri	31	995.0	12.3	7.8	10.1	8.2	<u>11.0</u>	<u>10.4</u>	250	<u>35</u>	<u>27.9</u>	<u>53</u>	1.1	3.0	Cldy, rain occ hvy + frqnt gales to mid am clrng to occ shwrs pm		
MEAN		1010.6	10.8	6.8	8.8	5.3	9.1	9.3	S	13.9	12.6	TOTAL	117.4	93.5	31st - Storm 'Mathis'		
30 YEAR AVG 1991-2020		1017.2	10.2	5.8	8.0	3.1	8.1	8.4	SW	11.8	11.7	////	63.3	135.3			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		21	18	1	1	0	1	0	3	14	0	1	9				
RECORDS FROM JANUARY 1947														RAINFALL	264.5 mm	SUNSHINE	259.7 hrs
WETTEST DAY DAY/YEAR	30.0mm 28th/1960	DRIEST MONTH YEAR	2.7mm 1961	LOWEST MIN DAY/YEAR	-2.2°C 10th/11th/1958	WARMEST MNTH YEAR	10.3°C 1957	SUNNIEST MNTH YEAR	214.8 2009	RAINFALL DAYS	51	SUNLESS DAYS	21	WET DAYS	38		
WETTEST MNTH YEAR	179.6mm 2001	HIGHEST MAX DAY/YEAR	19.6°C 30th/2021	LOWEST GRASS DAY/YEAR	-9.4°C 3rd/1965	COLDEST MNTH YEAR	4.4°C 1962	DULLEST MNTH YEAR	67.4hrs 1964								

Meteorological Observations April 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Sat	1	1008.6	11.9	8.9	10.4	7.4	10.9	<u>10.5</u>	290	14	14.2	32	TR	5.6	Mostly cloudy with some fair periods. Occ shwrs		
Sun	2	1025.5	<u>10.0</u>	5.9	8.0	6.6	11.3	10.6	360	11	8.2	19	NIL	0.1	Cloudy. Isol shower early am. Fair late eve		
Mon	3	1028.6	10.5	5.1	7.8	1.9	10.2	10.6	090	13	9.9	22	NIL	11.0	Cloudy bec fine by mid am		
Tue	4	1026.8	11.5	<u>3.0</u>	<u>7.3</u>	1.4	10.7	10.6	090	11	5.5	17	NIL	12.0	Fine		
Wed	5	1022.7	11.0	<u>4.2</u>	<u>7.6</u>	1.5	10.3	10.6	210	06	7.6	18	4.1	0.1	Fair, soon became cloudy, Rain from late afternoon		
Thu	6	1018.1	12.8	7.9	10.4	6.3	10.5	10.6	270	13	11.9	23	NIL	10.2	Early cloud, rain, & fog clrng to become fine		
Fri	7	1021.9	12.3	6.0	9.2	<u>-1.0</u>	11.1	10.6	360	05	5.7	13	NIL	10.7	Fine		
Sat	8	1025.0	13.3	6.2	9.8	2.1	10.7	10.7	100	10	10.6	21	NIL	10.0	Fine with high cloud		
Sun	9	1020.8	14.4	7.8	11.1	5.4	11.0	10.7	140	13	9.7	19	5.5	6.7	Fair with inc high cloud pm, rain late eve		
Mon	10	1013.7	13.2	9.0	11.1	9.7	11.5	10.8	240	17	15.1	27	0.6	1.4	Rain, fog, mist clrg by noon. Cldy occn fair with isol shwr pm		
Tue	11	1016.1	10.5	8.0	9.3	5.5	11.1	10.9	220	13	13.9	30	<u>13.0</u>	NIL	Cldy with rain from late am, occn hvy. Clrng late eve		
Wed	12	1000.2	10.6	4.6	7.6	4.4	10.9	10.9	250	<u>24</u>	<u>24.3</u>	<u>54</u>	5.1	6.4	Fair, isol shwrs am. Cldy pm, frqnt rain/hail shwrs. Gales late am & pm		
Thu	13	1006.5	10.8	4.7	7.8	1.9	<u>9.8</u>	10.8	250	06	12.2	30	7.9	8.2	Fair/cldy am with frqnt shwrs, occn hail. Fine pm bec cldy eve		
Fri	14	<u>997.5</u>	12.4	7.3	9.9	5.6	10.3	10.8	220	10	13.9	31	1.5	2.5	Rain, drz, mist & fog clrng @ midday, some bright spells pm		
Sat	15	1019.6	11.8	7.8	9.8	4.8	10.3	10.7	350	11	8.4	23	NIL	12.1	Fine, cloud increased late evening		
Sun	16	1027.3	13.9	7.1	10.5	3.6	10.7	10.8	180	06	4.4	11	NIL	6.4	Mainly cloudy with fair intervals, mainly pm		
Mon	17	1027.3	14.3	8.2	11.3	6.4	11.5	10.8	080	06	7.2	22	NIL	8.2	Cloudy am, clrng to fine pm		
Tue	18	1026.0	11.4	8.0	9.7	6.9	11.8	10.9	060	11	12.7	27	0.1	5.9	Cldy with early haze bec fair then fine late pm		
Wed	19	1019.8	13.2	8.2	10.7	6.4	11.5	11.1	070	14	14.1	31	TR	10.3	Cldy with shwrs early am and @ midday bec fine		
Thu	20	1019.1	12.7	7.7	10.2	6.4	11.6	<u>11.6</u>	060	16	11.7	29	0.1	<u>12.7</u>	Fine		
Fri	21	1011.5	11.4	6.1	8.8	3.3	11.6	11.2	090	08	8.8	19	1.1	9.4	Cldy with shwrs am bec mainly fair/fine		
Sat	22	1005.0	12.4	7.7	10.1	5.7	11.7	11.3	210	<u>02</u>	9.1	25	9.7	1.7	Cloudy with rain am, fine midday, bec cloudy pm with sct shwrs		
Sun	23	1001.5	11.9	8.4	10.2	8.9	11.9	11.3	330	06	10.9	26	1.1	7.0	Cldy with showery rain until late am, bec fair with isol shwrs pm		
Mon	24	1011.9	12.5	6.6	9.6	3.7	11.7	11.4	250	11	11.0	25	1.1	8.2	Fair with shwrs late am to early pm, bec fair/fine		
Tue	25	1018.0	11.4	6.6	9.0	4.2	11.5	11.4	070	10	10.3	20	TR	7.8	Fair bec cldy. Light rain late eve		
Wed	26	1014.8	11.1	7.5	9.3	9.4	11.7	11.4	130	12	8.6	18	0.6	NIL	Cldy. Ptchy light rain am. Rain, drz, mist & fog ptchs late pm & eve		
Thu	27	1013.2	13.3	8.4	10.9	5.2	11.9	11.4	150	12	9.8	23	6.2	NIL	Overcast with prstnt rain, drizzle, hill fog		
Fri	28	1014.4	12.9	<u>9.3</u>	11.1	<u>10.1</u>	12.1	11.5	270	12	10.3	24	0.1	0.2	Cldy with drz and thick fog, lifting late morning		
Sat	29	1020.5	<u>16.0</u>	8.7	<u>12.4</u>	2.9	12.2	11.5	010	03	<u>4.3</u>	12	3.3	11.2	Fair or fine. Shallow fog early am, clrng. Mist/haze & sea fog pm/eve		
Sun	30	1021.3	13.5	9.2	11.4	8.4	<u>12.8</u>	<u>11.6</u>	040	<u>02</u>	5.4	14	TR	0.1	Cldy with rain mid am, occn hvy, & fog ptchs clrng late am. Lt drz eve		
MEAN	1016.8	12.3	7.1	9.7	5.2	11.2	11.0	E	10.3	10.3	TOTAL	61.1	186.1	12th - Storm 'Noa'			
30 YEAR AVG 1991-2020	1015.3	12.4	7.0	9.7	4.3	10.4	9.9	NE	11.0	10.6	////	54.0	200.7				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		14	12	0	2	0	0	0	1	8	2	1	3				
RECORDS FROM JANUARY 1947														RAINFALL	325.6 mm	SUNSHINE	445.8 hrs
WETTEST DAY DAY/YEAR	34.0mm 30th/2017	DRIEST MONTH YEAR	2.9mm 1980	LOWEST MIN DAY/YEAR	-1.4°C 11th/1986	WARMEST MNTH YEAR	12.0°C 2020	SUNNIEST MNTH YEAR	285.4 2021	RAIN DAYS	65	SUNLESS DAYS	24	WET DAYS	50		
WETTEST MNTH YEAR	130.4mm 1966	HIGHEST MAX DAY/YEAR	24.5°C 11th/2020	LOWEST GRASS DAY/YEAR	-7.0°C 5th/1990	COLDEST MNTH YEAR	6.4°C 1986	DULLEST MNTH YEAR	122.2hrs 1981								

Meteorological Observations May 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Mon	1	1020.6	14.3	10.3	12.3	9.5	<u>13.1</u>	<u>11.8</u>	290	10	10.0	21	NIL	9.9	Cldy with fog & drizzle early, bec fine by late am		
Tue	2	1024.5	<u>17.7</u>	<u>8.1</u>	12.9	<u>5.3</u>	13.3	11.9	140	<u>06</u>	6.1	19	NIL	13.0	Fine am. Sea fog early pm. Xtnsv high cloud from mid pm		
Wed	3	1022.3	15.6	10.7	13.2	9.4	13.9	12.0	090	16	13.9	28	0.7	11.5	Xtensive high cloud from dawn		
Thu	4	<u>1010.5</u>	16.4	10.8	13.6	9.3	13.9	12.2	160	12	10.8	23	2.2	3.8	Fair/cldy with sct showers		
Fri	5	1015.3	15.9	10.8	13.4	9.3	14.0	12.4	180	10	8.0	16	9.4	8.4	Fair with isol shwrs early pm, rain by midnight		
Sat	6	1012.8	15.5	11.2	13.4	11.2	14.4	12.5	170	12	9.0	20	0.1	0.1	Cldy. Rain, drz & fog clrng to isol shwrs mid am. Fog retrn late pm		
Sun	7	1018.8	15.5	10.2	12.9	9.0	14.2	12.6	300	<u>06</u>	6.7	14	2.5	5.2	Cloudy with fog early am, clrng fine pm. Xtnsv high cloud eve		
Mon	8	1021.4	14.0	10.1	12.1	7.3	14.2	12.7	180	11	9.7	19	<u>11.4</u>	NIL	Cldy. Rain, drz & fog ptchs dawn to late am. Fog & rain eve		
Tue	9	1014.0	13.7	10.2	12.0	<u>11.3</u>	14.3	12.8	260	12	12.3	28	3.6	1.2	Cldy with fog & drizzle am, occn fair pm. Isol shwrs bec sct eve		
Wed	10	1017.0	14.3	10.3	12.3	8.6	13.8	12.9	280	15	13.1	26	TR	8.1	Fair to cloudy		
Thu	11	1018.0	14.1	9.8	12.0	8.5	14.1	12.9	280	10	8.6	18	NIL	8.8	Cldy with isol shwr @ dawn bec fair then fine pm		
Fri	12	1021.6	13.7	9.0	11.4	6.5	14.1	12.9	040	12	8.7	23	0.2	3.8	Fine bec cloudy am with light rain eve		
Sat	13	1025.6	<u>13.6</u>	9.2	11.4	10.9	13.9	13.0	050	09	8.4	21	TR(DEW)	4.9	Cldy with early light rain bec fair then fine late pm. Misty eve		
Sun	14	1022.7	14.9	9.2	12.1	5.7	14.0	13.0	290	14	6.8	16	2.8	3.8	Xtnsv fog burning back to coasts pm. Misty eve		
Mon	15	1020.9	13.7	9.7	11.7	10.7	14.2	13.1	360	15	10.3	26	NIL	10.3	Cldy with mist, fog, drz & rain clrng mid am to fair then fine pm		
Tue	16	1026.7	13.9	8.3	<u>11.1</u>	6.4	14.0	13.1	010	10	7.5	17	NIL	14.0	Fine. Xlnt viz		
Wed	17	<u>1029.8</u>	16.0	9.1	12.6	6.1	14.1	13.2	060	08	5.7	14	NIL	13.3	Fine, bec cloudy with xtnsv high cloud by late am		
Thu	18	1028.3	16.0	9.8	12.9	6.1	14.7	13.3	340	<u>06</u>	6.0	14	NIL	10.0	Cloudy am, bec fine pm		
Fri	19	1027.5	14.8	9.8	12.3	7.0	15.2	13.3	350	08	6.6	14	NIL	6.8	Fair to cloudy		
Sat	20	1024.4	15.7	9.5	12.6	7.3	14.8	13.6	020	12	8.0	20	NIL	14.0	Bec fine by dawn		
Sun	21	1021.1	16.7	10.4	13.6	6.7	15.0	13.6	040	09	8.1	24	NIL	14.1	Fine with high cloud eve		
Mon	22	1021.6	17.5	10.3	<u>13.9</u>	7.5	15.3	13.8	360	12	8.2	22	NIL	12.0	Mainly fine with some brief cloudier spells		
Tue	23	1026.0	15.5	10.5	13.0	9.3	15.4	13.8	050	10	8.1	20	NIL	10.6	Fine with xtnsv high cloud from late am		
Wed	24	1027.3	16.4	9.1	12.8	5.8	15.8	13.9	010	<u>06</u>	<u>4.9</u>	11	NIL	12.9	Xtnsv high cloud bec fair @ noon with dry air, fine late pm		
Thu	25	1027.9	16.3	10.9	13.6	7.2	15.7	14.0	050	10	9.9	26	NIL	<u>14.3</u>	Fine		
Fri	26	1029.6	14.4	10.6	12.5	9.0	15.7	14.2	050	10	12.8	27	NIL	7.7	Fine ovnt, bec cldy mid am, then fine early pm		
Sat	27	1024.3	16.5	11.0	13.8	9.6	15.6	14.3	060	13	11.2	27	NIL	13.7	Hzy early but otherwise fine occn fair mid pm		
Sun	28	1021.2	17.5	10.3	<u>13.9</u>	6.3	15.7	14.3	050	13	11.0	26	NIL	14.0	Fine		
Mon	29	1023.8	14.8	<u>11.4</u>	13.1	10.3	<u>16.6</u>	14.4	050	16	<u>17.3</u>	33	NIL	10.7	Mostly fine with cloud for a time am		
Tue	30	1026.0	14.7	10.7	12.7	9.3	15.7	<u>14.5</u>	060	<u>18</u>	16.9	<u>35</u>	NIL	12.1	Patchy cloud bec fine		
Wed	31	1024.2	15.7	11.1	13.4	9.9	15.7	<u>14.5</u>	050	15	15.1	31	NIL	5.3	Cloudy bec fine early pm		
MEAN		1022.4	15.3	10.1	12.7	8.3	14.7	13.2	NE	11.2	9.7	TOTAL	32.9	278.3	Charles III Coronation B/hol		
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			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		8	6	0	0	0	0	0	0	7	2	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	358.5 mm	SUNSHINE	724.1 hrs
WETTEST DAY DAY/YEAR	40.4mm 24th/1950	DRIEST MONTH YEAR	4.1mm 1989	LOWEST MIN DAY/YEAR	0.1°C 2nd/1979	WARMEST MNTH YEAR	13.9°C 1989	SUNNIEST MNTH YEAR	336.4hrs 1989	RAIN DAYS	73	SUNLESS DAYS	25	WET DAYS	56		
WETTEST MNTH YEAR	128.7mm 1994	HIGHEST MAX DAY/YEAR	25.9 30th/2003	LOWEST GRASS DAY/YEAR	-5.6°C 5th/1979	COLDEST MNTH YEAR	9.9°C 1984	DULLEST MNTH YEAR	136.9hrs 1981								

Meteorological Observations June 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
				at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX
Thu	1	1022.3	15.1	11.4	13.3	11.2	15.6	<u>14.5</u>	060	<u>17</u>	<u>16.1</u>	<u>31</u>	NIL	6.7	Cloudy until mid pm, then fine		
Fri	2	1022.7	<u>14.5</u>	10.6	<u>12.6</u>	9.6	<u>15.5</u>	<u>14.5</u>	070	16	14.1	29	NIL	8.0	Cloudy, bec fair by midday then fine pm		
Sat	3	1021.5	16.4	<u>10.1</u>	13.3	7.7	15.9	<u>14.5</u>	050	09	11.9	26	NIL	7.6	Cloudy bec fine		
Sun	4	1020.9	17.8	12.0	14.9	10.0	<u>15.5</u>	<u>14.5</u>	060	15	13.6	30	NIL	14.2	Fine		
Mon	5	1022.0	15.4	11.3	13.4	9.5	15.9	<u>14.5</u>	060	14	12.9	27	NIL	6.7	Cloudy until early pm then bec fine		
Tue	6	1020.8	15.8	10.9	13.4	9.3	15.9	14.6	060	15	13.3	27	NIL	9.6	Cloudy until late am then fine		
Wed	7	1018.2	16.5	11.9	14.2	11.0	16.2	14.6	050	10	14.6	30	NIL	10.7	Cloudy with mist and haze am, becoming fine pm		
Thu	8	1014.3	17.7	12.8	15.3	11.6	16.9	14.7	070	13	14.7	27	NIL	12.8	Hazy sunshine		
Fri	9	1009.5	20.3	13.5	16.9	12.7	17.0	14.8	060	14	10.6	27	0.2	1.2	Cldy with haze am. Occn light showers from early pm		
Sat	10	1012.5	19.0	15.6	17.3	14.4	16.9	14.9	290	<u>03</u>	5.7	16	1.1	3.0	Cldy with shwrs, mist & fog clrng to fair eve		
Sun	11	1016.4	19.4	13.6	16.5	13.2	17.1	14.9	250	07	7.5	14	TR(FOG)	7.6	Cldy bec fine pm. Coastal fog ptchs bec xtnsv early am and eve		
Mon	12	1016.0	19.0	13.2	16.1	12.5	17.5	15.1	280	10	6.3	14	NIL	8.4	Fog, mist & haze until late am, then mainly fine pm		
Tue	13	1013.4	22.2	12.5	17.4	9.1	17.9	15.1	340	07	5.8	12	NIL	14.5	Early fog bec fine. Dry air pm		
Wed	14	1016.4	21.8	13.3	17.6	11.1	17.7	15.3	060	04	6.7	18	NIL	14.3	Fine, thin high cloud later		
Thu	15	1019.5	<u>24.9</u>	12.5	18.7	8.1	17.9	15.5	070	06	5.6	14	NIL	<u>14.6</u>	Fine. Dry air am		
Fri	16	1019.2	24.4	13.5	19.0	8.3	18.3	15.6	100	04	4.4	12	TR	9.8	Cloud clrng mid am to fine with dry air. Bec cloudy by eve		
Sat	17	1014.0	23.1	15.3	19.2	12.4	19.0	15.8	310	<u>03</u>	<u>3.7</u>	09	NIL	9.2	Isolated shower early am, bright but extensive high cloud		
Sun	18	1009.8	20.1	14.6	17.4	9.4	19.4	15.9	290	<u>03</u>	4.5	11	0.3	2.3	Fog/mist am, hazy sunshine with showers pm. Fog/mist eve		
Mon	19	1012.1	21.8	14.1	18.0	11.8	18.5	16.1	180	08	7.7	17	<u>9.5</u>	7.9	Cldy bec fair pm. Shwrs late eve		
Tue	20	<u>1008.3</u>	21.1	14.9	18.0	14.0	18.6	16.2	330	08	8.5	24	NIL	10.4	Hvy shwrs clrng by 0300, mist & fog to mid am. Fine pm		
Wed	21	1017.3	21.9	14.2	18.1	13.1	18.9	16.2	190	10	6.3	14	NIL	11.0	Early morning fog and low cloud, soon clearing to become fine		
Thu	22	1020.0	20.7	14.6	17.7	12.1	19.3	16.4	300	05	6.8	17	NIL	12.2	Coastal mist and fog clearing early pm to fine		
Fri	23	<u>1026.5</u>	22.1	15.2	18.7	11.3	19.2	16.5	240	07	5.8	14	TR(DEW)	11.5	Mist & fog patches became fine late am		
Sat	24	1025.2	<u>24.9</u>	14.2	19.6	10.0	<u>20.0</u>	16.6	130	07	7.7	21	NIL	14.3	Early morning fog bec fine. Dry air & xlnv viz pm		
Sun	25	1014.8	23.3	<u>16.4</u>	<u>19.9</u>	<u>15.6</u>	<u>20.0</u>	16.8	220	11	13.1	27	TR	14.2	Fine but fair/cldy late am		
Mon	26	1023.5	20.0	14.8	17.4	11.4	19.3	16.9	290	11	9.7	19	NIL	10.9	Shower early am. Xtnsv high cloud from early am		
Tue	27	1024.4	20.3	14.2	17.3	10.9	19.0	16.9	230	10	8.1	16	NIL	6.3	Xtnsv medium and high level cloud with a brief fair spell pm		
Wed	28	1020.5	19.5	16.1	17.8	14.9	19.0	<u>17.0</u>	220	07	7.7	14	0.6	NIL	Cldy with mist and fog, drizzle eve		
Thu	29	1018.3	19.8	14.9	17.4	14.2	18.6	<u>17.0</u>	330	10	10.0	21	0.7	12.4	Cldy with early rain, mist & fog bec fine by midday. Xlnv viz		
Fri	30	1016.9	16.9	12.1	14.5	<u>7.6</u>	17.9	16.9	220	14	12.3	25	6.0	0.1	Bec cldy by dawn with rain & drz, also mist & fog pm & eve		
MEAN		1017.9	19.9	13.5	16.7	11.3	17.8	15.6	NE	9.3	9.2	TOTAL	18.4	272.4			
30 YEAR AVG 1991-2020		1017.8	17.7	11.8	14.8	9.6	16.2	14.4	W	10.2	9.9	////	47.9	245.9			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDR	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN				
		7	3	0	0	0	0	0	0	13	1	0	1		TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947														RAINFALL	376.9 mm	SUNSHINE	996.5 hrs
WETTEST DAY DAY/YEAR	46.8mm 16th/1970	DRIEST MONTH YEAR	0.6mm 1976	LOWEST MIN DAY/YEAR	5.4°C 1st/1975	WARMEST MNTH YEAR	16.7°C 1976	SUNNIEST MNTH YEAR	355.3hrs 1975	RAIN DAYS	80	SUNLESS DAYS	26	WET DAYS	59		
WETTEST MNTH YEAR	129.7mm 1986	HIGHEST MAX DAY/YEAR	30.8°C 26th/1976	LOWEST GRASS DAY/YEAR	-3.0°C 14th/1987	COLDEST MNTH YEAR	11.3°C 1972	DULLEST MNTH YEAR	147.8hrs 1977								

Meteorological Observations July 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX	mm
Sat	1	1011.3	19.7	14.9	17.3	14.6	17.7	16.9	280	15	15.0	26	TR	10.3	Fog, rain & drz clrng early. Fair with isol shwr, fine pm, occn hazy		
Sun	2	1016.1	19.3	14.3	16.8	12.3	18.0	16.8	280	15	11.6	23	TR	6.9	Cldy, isol shwr mid am, briefly fine late am. Bec cldy pm		
Mon	3	1016.2	19.3	13.7	16.5	10.9	18.5	16.8	270	11	13.5	27	NIL	11.9	Cldy with isol shwr bec fine		
Tue	4	1013.1	17.6	13.0	15.3	11.9	17.8	16.7	210	11	10.5	31	6.2	3.5	Cldy occn fair with rain from mid pm turning to shwrs eve		
Wed	5	1015.7	19.5	12.4	16.0	10.8	17.2	16.7	280	13	12.3	22	NIL	12.5	Shwrs clrng by dawn to fair		
Thu	6	1017.9	20.9	11.8	16.4	8.3	17.4	16.7	180	07	5.7	13	NIL	14.5	Early shallow fog. Fine with dry air & xlnt vis pm		
Fri	7	1014.9	27.0	13.4	20.2	10.4	18.3	16.7	140	08	7.6	17	TR	12.8	Mainly fine with a few fair spells, dry air and xlnt vis		
Sat	8	1014.3	21.9	16.2	19.1	15.7	19.9	16.7	190	09	6.9	17	1.3	3.1	Cldy occn fair with shwrs am to mid pm		
Sun	9	1019.8	21.3	14.1	17.7	11.3	18.4	16.9	170	08	6.9	18	NIL	5.1	Cldy occn fair with isol shwrs		
Mon	10	1020.9	22.1	14.4	18.3	11.6	18.5	16.9	170	12	9.1	20	0.7	8.1	Cldy late am & eve, otherwise fair or fine		
Tue	11	1012.7	18.6	15.5	17.1	15.3	19.0	16.9	230	10	12.2	24	0.2	1.6	Cldy with rain, driz, fog ptchs am. Occ rain pm, clrng fair eve		
Wed	12	1016.0	20.0	14.1	17.1	10.8	18.1	17.0	260	16	13.8	25	TR	11.2	Fine am, bec fair then cldly late pm. Isol shwr late eve		
Thu	13	1019.6	19.6	14.7	17.2	14.8	18.7	17.0	240	12	11.0	23	0.5	8.1	Cldy occn fair. Rain late eve		
Fri	14	1007.9	19.3	15.1	17.2	14.4	18.2	17.0	140	13	13.3	31	1.7	1.0	Cldy with occn rain am, frqnt pm with mist & hill fog, clrng by eve		
Sat	15	1002.8	19.7	15.3	17.5	13.7	17.7	17.0	210	16	18.7	38	0.9	10.2	Early isol shwr then fair bec fine pm, cldy eve with sct shwrs		
Sun	16	1013.9	19.1	14.2	16.7	12.3	17.7	16.9	230	15	13.6	26	TR	5.4	Cldy with isol shwrs am bec fair, fine eve		
Mon	17	1020.6	19.6	13.9	16.8	11.7	17.5	16.9	250	13	9.7	20	TR	12.2	Mainly fair with a few shwrs am. Bec fine from late pm		
Tue	18	1018.9	21.8	12.1	17.0	7.7	18.1	16.8	120	07	7.0	21	TR	13.2	Fine with good vis, bec cloudy early eve		
Wed	19	1018.6	20.4	14.9	17.7	12.8	18.4	16.8	270	12	11.5	24	NIL	9.2	Isolated light shower am, otherwise fair or fine		
Thu	20	1017.7	18.3	13.0	15.7	8.5	18.1	16.9	310	05	6.7	15	TR	6.4	Fair/fine bec cldy with isol shwrs pm		
Fri	21	1016.9	19.3	13.0	16.2	8.7	17.6	16.9	320	08	9.2	19	0.1	14.0	High cloud am bec fine		
Sat	22	1015.0	19.3	14.1	16.7	11.8	18.0	16.9	230	17	14.3	29	5.2	0.9	Cldy with occn shwrs am, rain pm bec prstnt eve with drz		
Sun	23	1007.4	19.7	15.4	17.6	15.1	18.1	16.9	240	12	12.5	27	0.5	3.5	Cldy with drz/mist/fog ptchs am, fair pm		
Mon	24	1005.5	19.7	14.3	17.0	14.0	17.8	16.9	240	11	9.6	22	0.8	4.1	Cldy with isol light shwrs, brief spell of moderate shwrs late eve		
Tue	25	1013.0	19.4	13.8	16.6	12.2	17.7	16.9	310	09	9.5	19	NIL	12.0	Cldy bec fine		
Wed	26	1015.0	19.5	12.0	15.8	6.8	17.5	16.9	170	07	9.8	26	1.8	3.1	Bec cldy by dawn occn fair. Cldy pm with rain & drz late pm & eve		
Thu	27	1007.4	17.5	15.8	16.7	15.5	17.8	16.9	230	17	15.3	32	1.0	NIL	Overcast with rain, drz & mist. Fog from early pm		
Fri	28	1008.7	21.1	16.0	18.6	15.8	17.7	16.9	270	09	11.6	21	0.3	3.4	Cldy with drizzle/mist/fog, isol shwr eve		
Sat	29	1009.5	19.4	15.4	17.4	15.3	18.1	16.8	250	14	13.4	27	TR	8.4	Cldy with isol shwr am, fair pm		
Sun	30	1015.8	19.5	14.9	17.2	13.0	17.7	16.9	240	17	16.7	33	7.1	1.9	Cldy with isol ppn occn fair. Rain late eve		
Mon	31	1009.6	17.6	14.5	16.1	15.8	17.6	16.9	230	18	14.8	32	9.8	NIL	Overcast with rain, drizzle, mist & hill fog, clrng late eve		
MEAN		1014.0	19.9	14.2	17.1	12.4	18.0	16.9	SW	11.8	11.4	TOTAL	38.1	218.5			
30 YEAR AVG 1991-2020		1017.3	19.6	13.8	16.7	11.5	17.9	16.4	W	10.1	9.8	////	43.2	253.3			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		15	8	0	0	0	0	0	0	7	1	0	2				
RECORDS FROM JANUARY 1947														RAINFALL	415.0 mm	SUNSHINE	1215.0 hrs
WETTEST DAY DAY/YEAR	62.5mm 7th/2004	DRIEST MONTH YEAR	1.4 2022	LOWEST MIN DAY/YEAR	8.3°C 8th/1954	WARMEST MNTH YEAR	19.4°C 1983	SUNNIEST MNTH YEAR	340.5 2018	RAIN DAYS	95	SUNLESS DAYS	28	WET DAYS	67		
WETTEST MNTH YEAR	120.2mm 1960	HIGHEST MAX DAY/YEAR	34.2°C 18th/2022	LOWEST GRASS DAY/YEAR	1.0°C 7th/1996	COLDEST MNTH YEAR	13.8°C 1954	DULLEST MNTH YEAR	167.7hrs 1972								

Meteorological Observations August 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs			
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
Tue	1	1007.5	19.3	15.2	17.3	13.7	17.1	16.8	250	16	14.6	31	42.0	1.4	Cldy with occn shwrs am. Rain occn hvy from late pm, mist & fog eve		
Wed	2	991.9	17.9	14.5	16.2	14.3	17.4	16.8	230	24	22.8	44	4.5	0.8	Cldy. Early hvy rain & fog clrng to shwrs by dawn		
Thu	3	1006.9	18.3	14.5	16.4	14.6	17.0	16.7	310	11	11.6	25	TR	2.5	Cldy with sct shwrs am, occn fair pm with isol shwr		
Fri	4	1020.3	18.1	14.4	16.3	12.2	16.9	16.7	330	10	9.8	19	1.1	4.3	Fair periods am, mainly cldy pm		
Sat	5	1008.1	16.9	13.1	15.0	11.4	16.9	16.7	240	22	19.4	42	TR	0.5	Cldy with rain & drz am. Cldy pm bec fine late eve		
Sun	6	1020.5	18.3	13.8	16.1	11.5	16.4	16.7	310	12	11.8	26	NIL	13.0	Fair to cldy bec fine		
Mon	7	1023.4	18.6	13.3	16.0	10.0	17.0	16.6	270	10	8.6	18	TR	6.8	Mainly fine am, bec cldy with occn light rain eve		
Tue	8	1018.0	18.8	12.8	15.8	10.5	17.2	16.5	220	12	12.5	26	TR	3.3	Fair am, cloudy with ptchy light drz pm		
Wed	9	1019.7	20.0	15.1	17.6	15.1	17.4	16.6	280	07	6.5	16	TR	3.7	Ovc with fog, mist and drz until mid pm. Fine from late pm		
Thu	10	1018.4	22.9	15.8	19.4	14.8	17.9	16.6	150	10	8.9	17	1.6	8.2	Fair or fine but cldy mid am with isol shwr. Fog ptchs & rain late eve		
Fri	11	1020.0	19.6	15.4	17.5	15.9	19.3	16.6	200	09	8.2	17	0.7	0.8	Cldy with rain, drizzle, fog & mist. Briefly fair		
Sat	12	1017.1	20.3	15.3	17.8	14.8	18.7	16.9	230	16	14.0	28	0.5	5.4	Cldy occn fair		
Sun	13	1016.6	20.0	16.0	18.0	14.8	18.3	17.0	240	13	9.8	20	2.4	8.1	Cldy with shwrs am. Fair pm bec cloudy with rain eve		
Mon	14	1011.4	18.5	14.7	16.6	14.7	18.6	17.1	180	10	8.3	18	6.3	0.2	Cldy, showery rain turned to drz pm		
Tue	15	1018.0	19.2	13.2	16.2	8.8	17.8	17.2	290	09	6.3	14	TR(DEW)	11.2	Fair of fine occn cldy eve. Shallow fog late eve		
Wed	16	1020.6	19.9	12.9	16.4	8.3	18.5	17.1	220	02	3.6	11	TR(DEW)	10.6	Early shallow fog & fog ptchs bec fair		
Thu	17	1016.3	22.4	14.8	18.6	10.9	18.2	17.1	100	15	10.6	23	TR	9.4	Early am mist & shallow fog, bec fine, med/high cloud inc		
Fri	18	1010.6	22.5	18.4	20.5	17.5	19.4	17.1	120	07	8.3	22	0.2	3.3	Cldy with early isol shwr. Rain from late pm		
Sat	19	1015.4	21.2	16.1	18.7	15.2	19.2	17.3	230	15	9.7	23	NIL	10.1	Fair or fine, occn cldy		
Sun	20	1023.6	21.5	15.1	18.3	11.7	19.0	17.4	210	07	5.0	11	NIL	10.4	Cldy by dawn bec fair late am, fine pm, cldy eve. Mist & fog ptchs late eve		
Mon	21	1025.4	21.4	15.4	18.4	13.5	19.7	17.5	200	06	3.8	10	NIL	6.2	Cldy until noon then fine. Cld inc for a time, clrng by early eve		
Tue	22	1023.0	21.3	14.7	18.0	10.8	19.4	17.7	290	06	4.7	11	NIL	8.9	Early mist clrng after dawn bec mainly fine		
Wed	23	1021.0	22.5	14.3	18.4	9.9	19.3	17.7	070	04	5.4	17	0.4	9.0	Fine with early mist & fog, bec cloudy pm with isol shwrs eve		
Thu	24	1012.8	20.0	16.0	18.0	15.5	19.6	17.8	010	06	7.6	20	NIL	1.1	Mainly cldy, light shwrs am. Lightning @ 1220z		
Fri	25	1013.2	19.2	13.6	16.4	11.3	18.6	17.8	280	08	11.8	24	2.3	10.0	Fair occn cldy, isol shwr mid am & late eve. Funnel cloud @ 0926z		
Sat	26	1011.1	19.4	13.6	16.5	11.9	18.2	17.7	260	14	11.1	22	0.5	11.1	Cldy/fair with occn shwrs, mainly am. Bec fine from mid pm		
Sun	27	1013.9	18.4	14.4	16.4	11.7	18.2	17.7	310	15	10.9	26	3.9	5.3	Fair bec cldy with shwrs late pm bec rain & drz eve		
Mon	28	1016.6	18.7	14.3	16.5	11.4	18.0	17.6	320	09	7.6	16	TR	9.6	Fair bec cldy eve. Funnel cloud @ 0720z		
Tue	29	1015.5	17.8	14.6	16.2	12.3	18.1	17.6	280	06	8.6	20	0.9	0.2	Cldy with rain & drz by eve clrng later		
Wed	30	1011.8	18.1	13.4	15.8	11.0	17.5	17.5	330	06	8.0	16	2.2	3.8	Cldy occn fair, xlnt viz pm. Funnel cloud @ 0910z & 1130z		
Thu	31	1009.5	18.5	12.5	15.5	10.9	17.4	17.4	230	13	12.1	25	14.2	NIL	Cldy with fog, rain & drz am clrng pm, retrrng eve with hvy rain		
MEAN		1015.4	19.7	14.6	17.1	12.6	18.1	17.1	SW	10.6	9.7	TOTAL	83.7	179.2	2nd - Storm 'Patricia'		
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	4th - Storm 'Antoni'		
															18th - Storm 'Betty'		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		16	10	0	0	0	1	0	0	9	2	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	498.7 mm	SUNSHINE	1394.2 hrs
WETTEST DAY	55.8mm	DRIEST MONTH	3.8mm	LOWEST MIN	9.2°C	WARMEST MNTH	19.3°C	SUNNIEST MNTH	323.0hrs	RAIN DAYS	111	SUNLESS DAYS	29				
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	2022	YEAR	1955	WET DAYS	77						
WETTEST MNTH	122.0mm	HIGHEST MAX	34.3	LOWEST GRASS	0.8°C	COLDEST MNTH	14.3°C	DULLEST MNTH	139.2hrs								
YEAR	1951	DAY/YEAR	9th/2003	DAY/YEAR	11th/1981	YEAR	1956	YEAR	1992								

Meteorological Observations September 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX	mm
Fri	1	1011.9	19.4	14.4	16.9	15.2	17.8	17.4	270	09	6.9	20	NIL	9.2	Cldy with early drz soon bec fair, cldy from late pm		
Sat	2	1019.0	20.4	13.1	16.8	11.9	17.8	17.3	360	05	4.8	12	NIL	11.5	Cldy bec fine am		
Sun	3	1025.5	23.6	15.2	19.4	13.4	18.3	17.3	080	08	9.5	20	NIL	9.0	Fine with early mist, fair/cldy eve		
Mon	4	1019.5	25.3	19.3	22.3	17.8	19.3	17.4	080	13	11.9	23	NIL	11.6	Fine		
Tue	5	1014.0	27.1	18.2	22.7	16.7	19.5	17.5	140	09	6.4	15	NIL	10.2	Fine		
Wed	6	1019.0	28.3	17.1	22.7	14.3	20.4	17.6	290	03	4.4	11	TR	8.5	Early am mist/haze bec fair. Light shwr late eve with Sahara Dust		
Thu	7	1015.8	27.2	19.1	23.2	18.0	20.5	17.8	120	09	4.7	13	NIL	3.9	Fair to cldy with haze am. Light shwr am		
Fri	8	1017.0	26.9	18.9	22.9	16.9	20.6	18.0	040	05	4.2	09	NIL	4.6	Cldy occn fair with haze early am and late pm		
Sat	9	1015.5	29.5	18.7	24.1	15.2	20.6	18.2	100	08	5.5	16	0.5	10.0	Fine occn fair. Lightning to W late eve		
Sun	10	1015.0	23.8	17.1	20.5	18.2	20.9	18.3	140	11	8.8	18	NIL	3.1	Cldy occn fair. Early shwrs am. T/storm @ 0600. Fog ptchs late pm		
Mon	11	1016.1	22.1	16.9	19.5	15.2	20.8	18.4	220	07	5.0	11	TR	3.7	Cloudy occn fair pm. Isol shwrs eve		
Tue	12	1015.5	20.1	15.9	18.0	16.1	20.1	18.5	260	06	7.8	18	NIL	4.5	Cldy & misty with early drz bec fair pm		
Wed	13	1021.7	17.9	13.2	15.6	13.9	19.3	18.4	030	10	6.2	18	TR	0.7	Cldy with isol shwr late am		
Thu	14	1022.7	19.4	12.1	15.8	6.4	17.9	18.4	360	01	3.6	14	NIL	8.8	Early shallow fog. Fine with xlnt viz pm		
Fri	15	1014.2	23.5	13.9	18.7	10.3	18.0	18.2	140	09	8.8	19	3.0	11.6	Fine. High/medium level cloud late eve. Dry air pm		
Sat	16	1010.3	23.0	17.0	20.0	16.2	19.1	18.1	050	08	6.1	16	27.2	1.1	Cldy with sct shwrs, occn hvy late pm. Lightning eve		
Sun	17	1008.5	22.1	17.0	19.6	16.3	18.7	18.0	120	09	8.6	29	7.3	2.8	Cldy with T/storms & hvy shwrs @ dawn, late pm & eve		
Mon	18	1004.9	18.0	14.4	16.2	13.2	18.5	18.0	250	18	15.5	35	0.3	4.4	Cldy occn fair with sct shwrs clrng late pm		
Tue	19	1011.3	17.6	14.8	16.2	12.8	17.7	18.0	230	23	18.3	34	0.5	NIL	Cldy with isol shwrs am. Rain & drz late pm & eve		
Wed	20	1001.9	19.6	13.7	16.7	15.0	17.5	17.8	200	18	16.0	36	13.7	0.8	Cldy with occn shwrs early am. Rain prstnt & occn hvy pm & eve		
Thu	21	997.0	17.5	11.7	14.6	8.7	17.5	17.8	230	12	10.0	21	0.7	6.9	Fair am & eve, cldy pm with shwrs		
Fri	22	1003.7	17.0	12.6	14.8	9.8	16.3	17.5	310	11	11.5	25	TR	10.7	Fine occn fair		
Sat	23	1017.9	17.5	12.1	14.8	8.0	16.0	17.4	260	07	8.8	20	TR	4.7	Fair/cldy with shwrs am. Dry air & xlnt viz pm		
Sun	24	1019.2	20.0	15.6	17.8	12.1	16.4	17.2	180	14	14.7	27	0.2	7.9	Cldy with rain early am, bec fair/fine. Cldy with rain by late eve		
Mon	25	1020.7	19.3	13.8	16.6	11.4	16.9	17.0	240	08	7.5	20	0.7	9.0	Cldy with early rain & drz bec fair/fine. Cld inc pm & eve		
Tue	26	1017.1	19.8	15.2	17.5	12.0	17.4	17.0	210	07	8.1	18	TR	5.9	Fair/cldy with isol shwrs am & late eve		
Wed	27	1014.3	19.7	15.9	17.8	14.1	17.4	17.0	150	13	13.8	33	0.2	1.1	Cldy with period of rain late pm bec fine eve		
Thu	28	1016.1	18.7	15.0	16.9	12.9	16.9	17.0	190	10	12.4	26	0.7	1.2	Cldy with isol ptchy rain or shwrs		
Fri	29	1022.1	18.5	12.4	15.5	12.5	17.2	17.0	300	10	10.2	33	NIL	8.1	Cldy with rain, drz + fog early am. Clrng fine pm, high cld at times		
Sat	30	1026.0	19.0	11.7	15.4	7.0	16.4	17.0	170	11	7.6	19	NIL	9.2	Cldy bec fair by dawn, fine pm		
MEAN		1015.1	21.4	15.2	18.3	13.4	18.4	17.7	SE	9.7	8.9	TOTAL	55.0	184.7	27th - Storm 'Agnes'		
30 YEAR AVG 1991-2020		1017.4	18.2	13.1	15.7	10.2	16.4	16.5	SW	10.6	10.3	////	55.2	183.9			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		12	4	0	0	2	4	0	0	3	0	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	553.7 mm	SUNSHINE	1578.9 hrs
WETTEST DAY DAY/YEAR	43.7mm 20th/1949	DRIEST MONTH YEAR	6.9mm 1997	LOWEST MIN DAY/YEAR	5.8°C 28th/1974	WARMEST MNTH YEAR	18.3°C 2023	SUNNIEST MNTH YEAR	266.5hrs 1959	RAIN DAYS	123	SUNLESS DAYS	30				
WETTEST MNTH YEAR	194.5mm 1952	HIGHEST MAX DAY/YEAR	30.6°C 2nd/1961	LOWEST GRASS DAY/YEAR	-1.0°C 23rd/1979	COLDEST MNTH YEAR	12.8°C 1986	DULLEST MNTH YEAR	104.5hrs 1956	WET DAYS	81						

Meteorological Observations October 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX	mm
Sun	1	1021.5	20.3	16.1	18.2	14.2	17.1	16.9	160	09	6.9	16	NIL	4.3	Fine bec cloudy later		
Mon	2	1017.8	21.3	16.0	18.7	14.3	17.4	16.9	080	07	8.2	25	1.0	1.6	Cldy, with mist & fog am clrng midday. Mist & fog with drz rtn early eve		
Tue	3	1022.4	17.0	13.4	15.2	12.1	17.4	16.9	280	14	12.4	25	TR	9.2	Cldy with isol shwrs am bec fair then fine pm		
Wed	4	1029.8	17.1	12.5	14.8	10.0	16.4	16.9	240	08	8.5	19	NIL	3.3	Mainly cldy occn fair		
Thu	5	1027.3	17.6	12.3	15.0	8.5	16.0	16.9	240	06	6.0	13	NIL	6.5	Xtnsv high cloud		
Fri	6	1026.4	18.7	12.7	15.7	8.1	16.3	16.8	190	08	6.5	15	TR(DEW)	6.2	Fair to cldy. Xlnt viz		
Sat	7	1026.2	21.6	14.3	18.0	10.3	15.9	16.6	220	06	6.2	12	NIL	9.4	Fine with occn dry air. Xlnt viz		
Sun	8	1025.4	24.3	13.3	18.8	9.6	16.0	16.6	150	08	4.7	13	NIL	10.1	Fine am, fair pm with occn dry air. Fine eve		
Mon	9	1024.3	22.7	15.2	19.0	8.4	15.8	16.5	250	04	4.8	09	NIL	8.6	Fine with high cloud persistent at times		
Tue	10	1021.0	17.6	14.4	16.0	10.6	16.0	16.4	260	10	10.7	20	NIL	NIL	Cldy with fog ptches am, misty eve		
Wed	11	1016.0	18.9	14.0	16.5	12.4	16.1	16.4	180	12	10.4	20	2.3	2.7	Cldy occn fair. Rain late eve, occn hvy		
Thu	12	1014.5	17.6	16.1	16.9	15.8	16.7	16.4	250	16	11.6	23	6.2	NIL	Cldy with rain, drz, mist & fog am. Rain late pm, prstnt & occn hvy		
Fri	13	1004.6	20.3	12.5	16.4	16.1	16.7	16.3	220	15	16.1	38	0.9	1.9	Cldy occn fair. Rain from dawn to mid am and late pm. Fine eve		
Sat	14	1019.9	14.7	10.8	12.8	9.1	15.5	16.4	300	12	10.0	25	TR	7.6	Fair with isol shwrs am & early eve. Dry air & xlnt viz		
Sun	15	1026.6	13.8	9.3	11.6	5.2	14.2	16.4	010	07	7.2	18	NIL	4.6	Fair or fine. Xtnsv high cloud from mid am. Dry air & xlnt viz		
Mon	16	1018.5	12.8	9.1	11.0	6.6	13.5	16.2	110	17	15.4	28	NIL	3.6	Fair, xtnsv high cloud. Dry air & xlnt viz		
Tue	17	1009.7	15.5	9.6	12.6	7.6	13.1	15.9	100	16	15.7	27	5.6	1.0	Cldy, mainly med/high level. Rain late eve		
Wed	18	989.8	17.7	14.1	15.9	12.6	14.1	15.7	100	19	19.7	46	12.2	NIL	Cldy with rain occn hvy & drz pm. Mist & fog ptchs early pm		
Thu	19	982.5	18.5	13.2	15.9	13.6	14.6	15.6	170	17	12.3	30	10.9	2.3	Cldy occn fair. T/storm (1524z) and hvy rain pm		
Fri	20	978.2	16.7	12.2	14.5	8.3	14.6	15.5	310	04	10.5	33	9.0	5.7	Cldy with shwrs am & eve, fair pm		
Sat	21	983.1	13.9	11.9	12.9	11.4	14.7	15.4	260	20	17.1	41	3.4	NIL	Cldy with rain am & early pm, clrng to isol shwrs		
Sun	22	1006.4	16.1	11.7	13.9	9.4	13.8	15.4	250	08	10.3	22	0.2	7.4	Fair or fine with isol shwrs		
Mon	23	1004.6	16.1	12.5	14.3	10.5	13.9	15.3	110	10	11.3	21	7.4	1.2	Cldy with shwrs occn hvy early eve. T/storm (1810z-1821z)		
Tue	24	1002.9	15.3	10.8	13.1	8.5	14.1	15.3	230	10	11.8	23	15.5	2.7	Cldy occn fair. Rain mid pm turning to shwrs eve		
Wed	25	995.2	14.1	11.5	12.8	10.1	13.8	15.1	310	11	9.3	26	5.3	1.1	Cldy with frqnt shwrs am occn hvy. Rain & drz late eve		
Thu	26	993.6	15.5	11.2	13.4	10.4	13.7	15.0	220	14	13.1	28	15.7	4.0	Cldy am with frqnt shwrs, fair pm. Shwrs eve		
Fri	27	992.1	15.1	10.6	12.9	9.6	13.6	14.9	230	11	15.5	40	5.8	4.8	Fair with sct hvy shwrs. Lightning @ 0200z		
Sat	28	990.6	14.9	10.7	12.8	9.4	13.3	14.9	190	14	16.7	43	10.9	0.1	Cldy with rain late am, shwrs from mid pm occn hvy		
Sun	29	987.9	14.7	10.4	12.6	8.6	13.0	14.8	210	23	19.0	36	1.0	4.6	Cldy am with sct shwrs bec fair pm, fine eve		
Mon	30	995.7	14.6	12.3	13.5	9.3	12.6	14.7	190	12	11.6	26	0.3	4.4	Fair occn cldy. Occn light shwrs pm		
Tue	31	1003.1	14.8	11.2	13.0	9.1	12.9	14.6	260	17	15.4	30	7.9	0.1	Cldy with sct shwrs am. Rain from noon clrng by eve		
MEAN	1008.3	17.1	12.4	14.8	10.3	14.9	15.9	SW	11.8	11.4	TOTAL	121.5	119.0	20th - Storm 'Babet'			
30 YEAR AVG 1991-2020	1015.0	15.3	11.1	13.2	8.4	13.7	14.7	SW	11.9	11.7	////	97.9	120.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		19	16	0	0	2	3	0	0	4	0	0	4				
RECORDS FROM JANUARY 1947														RAINFALL	675.2 mm	SUNSHINE	1697.9 hrs
WETTEST DAY DAY/YEAR	59.1mm 12th/2014	DRIEST MONTH YEAR	3.4mm 1978	LOWEST MIN DAY/YEAR	3.5°C 28th/2003	WARMEST MNTH YEAR	15.2 2001/06	SUNNIEST MNTH YEAR	176.4hrs 1971	RAIN DAYS	142	SUNLESS DAYS	34	WET DAYS	97		
WETTEST MNTH YEAR	233.9mm 1960	HIGHEST MAX DAY/YEAR	24.3°C 8th/2023	LOWEST GRASS DAY/YEAR	-4.0°C 30th/1983	COLDEST MNTH YEAR	9.6°C 1974	DULLEST MNTH YEAR	72.6hrs 1968								

Meteorological Observations November 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Wed	1	994.3	15.2	10.4	12.8	10.9	13.2	14.4	230	21	22.5	55	26.4	3.5	Cldy. Shwrs am, fair pm. Hvy rain eve. Gale 2055-2235. T/storm 2302		
Thu	2	972.5	14.1	7.1	10.6	7.3	12.6	14.3	270	37	27.9	68	7.3	NIL	Cldy, frqnt hvy shwrs am, occn hail pm bec isol eve. Gale 0310-0908		
Fri	3	985.7	13.7	9.0	11.4	6.2	11.9	14.3	250	12	14.2	31	8.1	5.6	Fair with occn light shwrs		
Sat	4	969.1	13.0	9.2	11.1	8.2	11.7	14.0	240	25	19.4	40	29.8	1.4	Cldy. Rain occn hvy clrng to frqnt shwrs. T/storm 0727-0740		
Sun	5	986.8	13.8	10.0	11.9	9.0	11.6	13.9	280	17	20.5	40	2.4	6.3	Fair with sct shwrs		
Mon	6	1001.3	13.8	9.1	11.5	6.9	11.4	13.8	290	07	13.4	36	2.6	4.7	Fair with sct shwrs		
Tue	7	1012.6	12.3	8.4	10.4	6.4	11.2	13.6	270	14	13.5	31	6.3	2.8	Fair to cldy with sct shwrs occn with hail am		
Wed	8	1006.8	13.8	9.8	11.8	6.8	11.3	13.6	200	22	15.4	33	10.6	NIL	Cldy with rain & drizzle, clrng late pm		
Thu	9	1002.2	12.0	6.0	9.0	7.4	11.1	13.4	280	18	19.4	44	11.4	1.4	Cldy occn fair with frqnt shwrs, heavy with hail pm		
Fri	10	996.0	12.2	8.6	10.4	6.8	10.7	13.2	270	30	19.8	45	0.3	5.8	Cldy with shwrs occn hvy am with hail, clrng to fair pm		
Sat	11	1010.2	12.2	9.0	10.6	6.2	10.5	13.1	330	06	10.1	30	18.7	1.5	Fair/fine, isol shwrs soon bec cldy. Rain from mid eve occn hvy		
Sun	12	1003.4	14.1	8.4	11.3	7.4	10.9	13.0	270	17	15.4	33	14.1	0.3	Cldy with rain, occn hvy early, drz, mist & fog ptches		
Mon	13	1001.4	15.0	11.6	13.3	11.4	11.6	12.9	240	23	21.2	36	12.2	4.5	Cldy with rain am clrng to fair/fine pm & eve		
Tue	14	1006.2	14.0	11.7	12.9	10.8	12.3	12.9	220	18	18.7	34	2.9	4.6	Cldy, hvy rain/shwrs am clrng to fair with sct shwrs pm & eve		
Wed	15	1021.5	13.3	9.7	11.5	8.4	11.7	12.9	300	13	10.2	25	16.2	3.3	Fair with isol shwrs am bec cldy pm. Rain late eve		
Thu	16	1000.5	12.1	8.1	10.1	7.5	11.4	13.0	070	18	13.8	37	2.7	0.8	Cldy, rain & drz am clrng to fair pm with xlnt viz. Isol shwrs eve		
Fri	17	1022.6	12.2	8.8	10.5	6.3	10.9	12.9	290	07	10.7	28	14.9	1.5	Fair with isol shwrs am bec cldy with rain late pm		
Sat	18	1013.9	14.5	10.0	12.3	9.3	11.2	12.9	200	16	17.1	32	2.7	NIL	Overcast with rain, drz, mist & fog clrng late eve		
Sun	19	1014.5	13.9	11.7	12.8	10.7	12.1	12.8	250	21	21.8	39	2.2	2.6	Fair to cldy with sct shwrs		
Mon	20	1012.2	12.7	10.2	11.5	8.4	11.6	12.8	270	23	16.4	38	1.4	1.2	Cldy with shwrs bec rain am clrng to sct shwrs pm bec isol eve		
Tue	21	1022.7	11.9	9.9	10.9	9.1	11.7	12.8	360	16	12.6	28	TR	1.0	Cldy with isol shwrs am bec sct late pm & eve		
Wed	22	1033.5	11.8	8.1	10.0	5.3	11.0	12.8	360	04	8.6	20	TR	5.3	Fair bec cldy with patchy light drz eve		
Thu	23	1031.8	11.5	10.5	11.0	10.2	11.4	12.8	280	13	12.4	26	TR	0.1	Cldy with occn drz am		
Fri	24	1024.3	12.4	6.6	9.5	8.4	11.5	12.7	350	12	10.7	23	NIL	2.2	Cldy occn fair bec fine eve		
Sat	25	1023.7	10.0	3.7	6.9	-0.8	9.5	12.7	130	02	2.7	10	NIL	7.7	Fine with early ground frost, bec cldy eve. Xlnt viz		
Sun	26	1018.0	11.2	5.7	8.5	1.1	9.1	12.5	190	11	12.7	29	4.5	NIL	Cldy with patchy rain & drz pm. Xlnt viz am		
Mon	27	1003.2	12.0	8.0	10.0	9.0	10.2	12.3	280	14	14.0	33	1.0	3.8	Cldy with rain, occn hvy, clrng to fair with sct shwrs @ noon		
Tue	28	1011.4	10.2	6.4	8.3	4.8	10.3	12.2	350	06	6.0	22	1.6	2.6	Cldy occn fair with sct shwrs pm & eve. Xlnt viz		
Wed	29	1005.6	8.9	5.1	7.0	2.0	9.2	12.1	360	05	3.7	12	6.2	NIL	Cldy with sct shwrs am merging to rain pm & eve		
Thu	30	997.8	8.3	4.4	6.4	5.3	9.4	12.0	140	13	10.4	22	10.2	NIL	Cldy with persistent rain throughout day		
MEAN		1006.9	12.5	8.5	10.5	7.2	11.1	13.1	W	15.4	14.5	TOTAL	216.7	74.5	1st & 2nd - Storm 'Ciaran'		
30 YEAR AVG 1991-2020		1014.1	12.1	8.4	10.3	5.7	10.7	12.3	SW	12.5	12.7	////	106.7	76.8			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		25	24	0	4	2	2	0	1	2	0	2	6				
RECORDS FROM JANUARY 1947														RAINFALL	891.9 mm	SUNSHINE	1772.4 hrs
WETTEST DAY DAY/YEAR	39.4mm 15th/1975	DRIEST MONTH YEAR	16.1mm 1978	LOWEST MIN DAY/YEAR	-0.8°C 28th/2010	WARMEST MNTH YEAR	12.2°C 2015	SUNNIEST MNTH YEAR	123.6hrs 2006	RAIN DAYS	167	SUNLESS DAYS	40				
WETTEST MNTH YEAR	234.7mm 2009	HIGHEST MAX DAY/YEAR	18.0°C 1st 2015	LOWEST GRASS DAY/YEAR	-5.6°C 29th/1987	COLDEST MNTH YEAR	7.7°C 1993	DULLEST MNTH YEAR	35.9hrs 1994								

Meteorological Observations December 2023

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER			
			hPa	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX	mm
Fri	1	1005.4	<u>6.9</u>	3.5	5.2	2.4	8.4	<u>11.8</u>	070	08	8.9	21	4.3	4.2	Fair with sct shwrs am & with hail eve. Xlnt viz & dry air		
Sat	2	1016.5	7.0	<u>2.2</u>	<u>4.6</u>	<u>-1.1</u>	<u>7.5</u>	11.7	110	<u>03</u>	9.0	30	9.0	2.6	Fair/fine am, hoar frost. Cldy pm. Isol rain/hail shwrs, xlnt viz & dry air pm		
Sun	3	1012.9	10.8	6.3	8.6	2.1	7.9	11.4	210	16	17.9	41	13.8	1.7	Fair with sct shwrs to mid am, occn hvy. Cldy pm with rain late pm		
Mon	4	<u>991.9</u>	11.2	8.4	9.8	8.0	8.6	11.3	190	09	17.7	40	6.5	NIL	Cldy with rain, occn hvy, & drz am clrng to shwrs pm		
Tue	5	1009.9	9.2	6.5	7.9	6.0	8.8	11.1	310	16	13.2	36	1.7	0.3	Cldy with shwrs to mid pm. Occn fair eve		
Wed	6	1017.2	9.5	3.8	6.7	-0.1	7.9	11.0	160	10	10.6	30	4.0	1.5	Fair/fine with xlnt viz bec cldy with rain by eve, occn hvy		
Thu	7	1006.4	12.2	7.2	9.7	6.5	8.5	10.9	150	22	18.3	35	7.1	NIL	Cldy with rain & drz until late pm		
Fri	8	1007.8	12.7	8.9	10.8	7.4	8.9	10.9	260	14	14.8	30	<u>20.2</u>	<u>5.5</u>	Fair bec cldy with shwrs early am & pm/eve		
Sat	9	997.0	13.4	9.7	11.6	6.9	9.7	<u>10.8</u>	250	22	21.2	41	0.5	2.8	Cldy. Rain occn hvy, drz, mist & fog ptchs clrng to fair/fine pm, isol shwrs		
Sun	10	1007.3	<u>13.5</u>	10.2	<u>11.9</u>	7.3	9.7	<u>10.8</u>	180	17	19.8	37	0.2	0.1	Cldy with drz am fair periods pm		
Mon	11	1008.6	12.6	10.9	11.8	8.7	10.0	10.9	260	12	12.1	30	5.0	NIL	Fair am bec cldy with mist & drz pm then shwrs eve		
Tue	12	1001.0	12.5	8.9	10.7	10.0	10.6	11.0	210	14	16.2	41	9.1	1.1	Mainly cldy occn fair/fine with frqnt shwrs occn hvy with hail		
Wed	13	1003.2	10.9	7.3	9.1	7.2	10.0	11.0	340	10	12.6	30	0.7	0.7	Mainly cldy, shwrs am		
Thu	14	1023.2	11.9	5.9	8.9	2.3	9.0	11.0	260	10	8.1	19	1.1	0.3	Cldy, rain & drz from dawn with fog late am clrng to dry pm, ptchy rain eve		
Fri	15	1038.6	10.9	8.0	9.5	5.8	9.3	11.0	320	<u>03</u>	<u>5.4</u>	15	TR	0.1	Cloudy		
Sat	16	<u>1042.5</u>	11.0	7.7	9.4	3.9	9.6	11.0	230	08	8.1	16	NIL	5.1	Cldy with light drz until late am, bec fine		
Sun	17	1037.4	10.1	7.6	8.9	4.7	8.8	10.9	210	13	10.9	20	NIL	0.3	Cloudy		
Mon	18	1033.9	11.3	9.7	10.5	8.6	9.3	10.9	230	15	14.2	24	NIL	NIL	Cloudy		
Tue	19	1023.3	12.7	8.0	10.4	8.8	10.0	10.9	220	19	15.9	31	2.9	NIL	Cldy. Rain & drz mid am. Mist & fog late am clrng early pm. Fine eve		
Wed	20	1027.2	11.6	8.4	10.0	5.6	9.5	10.9	290	14	17.2	33	TR	2.2	Cldy with sct shwrs. Occn fair am		
Thu	21	1017.7	12.3	<u>11.2</u>	11.8	9.3	9.9	10.9	290	20	21.0	37	0.2	NIL	Cldy with occn rain & drz		
Fri	22	1021.1	12.0	9.6	10.8	9.2	10.3	10.9	300	22	18.3	36	0.1	0.1	Cldy with occn brief light shwrs		
Sat	23	1022.1	11.3	10.0	10.7	8.2	10.0	11.0	270	19	18.5	35	0.3	2.2	Some fair intervals, otherwise cloudy with patchy rain/drizzle		
Sun	24	1015.4	12.6	11.1	<u>11.9</u>	8.9	10.5	11.0	250	23	23.2	40	3.8	NIL	Cldy with o/breaks of rain & drz. Mist & fog late eve		
Mon	25	1014.5	12.1	11.1	11.6	<u>11.1</u>	<u>10.9</u>	11.1	240	20	20.9	34	3.6	NIL	Cloudy with rain & drz with fog during morning		
Tue	26	1018.6	12.1	9.2	10.7	6.7	<u>10.9</u>	11.1	290	05	7.4	20	1.0	0.3	Cloudy with rain, drz & fog pm		
Wed	27	1009.1	12.5	10.9	11.7	9.0	10.7	11.2	190	20	19.6	37	3.1	NIL	Cldy. Rain & drz from early pm clrng by dusk. Fair/fine by late eve		
Thu	28	1012.5	12.8	10.3	11.6	8.1	10.5	11.2	220	22	21.6	37	14.3	3.1	Fair/fine bec cldy with isol shwrs am bec sct & hvy pm & eve		
Fri	29	1011.2	12.7	10.1	11.4	9.6	10.7	11.2	240	20	18.4	36	1.2	4.4	Cldy bec fair pm. Sct shwrs am bec isol pm		
Sat	30	1009.7	12.4	9.3	10.9	6.5	10.3	11.2	200	19	17.4	39	12.2	1.6	Cldy with sct shwrs pm, bec frqnt & hvy eve		
Sun	31	993.8	12.1	5.9	9.0	4.5	10.4	11.2	260	<u>25</u>	<u>26.4</u>	<u>51</u>	8.7	1.5	Cldy occn fair with frqnt rain/hail shwrs. Gales & lightning am		
MEAN		1014.7	11.5	8.3	9.9	6.5	9.6	11.1	W	15.2	15.6	TOTAL	134.6	41.7	28th - 31st :Storm 'Gerrit'		
30 YEAR AVG		1016.3	9.9	6.3	8.1	3.6	8.4	10.0	SW	13.3	13.6	////	119.3	58.3			
1991-2020																	
EXTREMES	NUMBER	RAIN	WET	SNOW/	HAIL	THUNDER	LGHTNG	AIR	GROUND	FOG	FOG	GALE	NO				
ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN				
BOLD TYPE	WITH	25	20	0	5	0	1	0	2	6	1	1	9		TOTALS FOR YEAR TO DATE		
RECORDS FROM JANUARY 1947														RAINFALL	1026.5 mm	SUNSHINE	1814.1 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	192	SUNLESS DAYS	49				
DAY/YEAR	4th/2010	YEAR	2016	DAY/YEAR	24th/1963	YEAR	2015	YEAR	2001	WET DAYS	141						
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

Winter	2022/23	30 Yr Avg	Anomaly/%
Rain (mm)	277.1	283.1	97.9
Sun (hrs)	208.9	207.3	100.8
Mean Max (°C)	9.5	9.2	+0.3
Mean Min (°C)	5.8	5.5	+0.3
Mean (°C)	7.6	7.4	+0.2

Spring	2023	30 Yr Avg	Anomaly/%
Rain (mm)	211.4	166.3	127.1
Sun (hrs)	557.9	574.9	97.0
Mean Max (°C)	12.8	12.6	+0.2
Mean Min (°C)	8.0	7.4	+0.6
Mean (°C)	10.4	10.0	+0.4

Summer	2023	30 Yr Avg	Anomaly/%
Rain (mm)	140.2	147.6	95.0
Sun (hrs)	670.1	726.0	92.3
Mean Max (°C)	19.8	19.1	+0.7
Mean Min (°C)	14.1	13.3	+0.8
Mean (°C)	17.0	16.2	+0.8

Autumn	2023	30 Yr Avg	Anomaly/%
Rain (mm)	393.2	259.8	151.3
Sun (hrs)	378.2	380.8	99.3
Mean Max (°C)	17.0	15.2	+1.8
Mean Min (°C)	12.0	10.9	+1.1
Mean (°C)	14.5	13.1	+1.4

NB - 30 year average is 1991-2020

Seasonal data - Sark

Winter	2022/23	10 Yr Avg	Anomaly/%
Rain (mm)	279.6	327.7	85.3
Sun (hrs)	176.9	197.5	89.6
Mean Max (°C)	10.0	10.0	+0.0
Mean Min (°C)	6.1	6.0	+0.1
Mean (°C)	8.1	8.0	+0.1

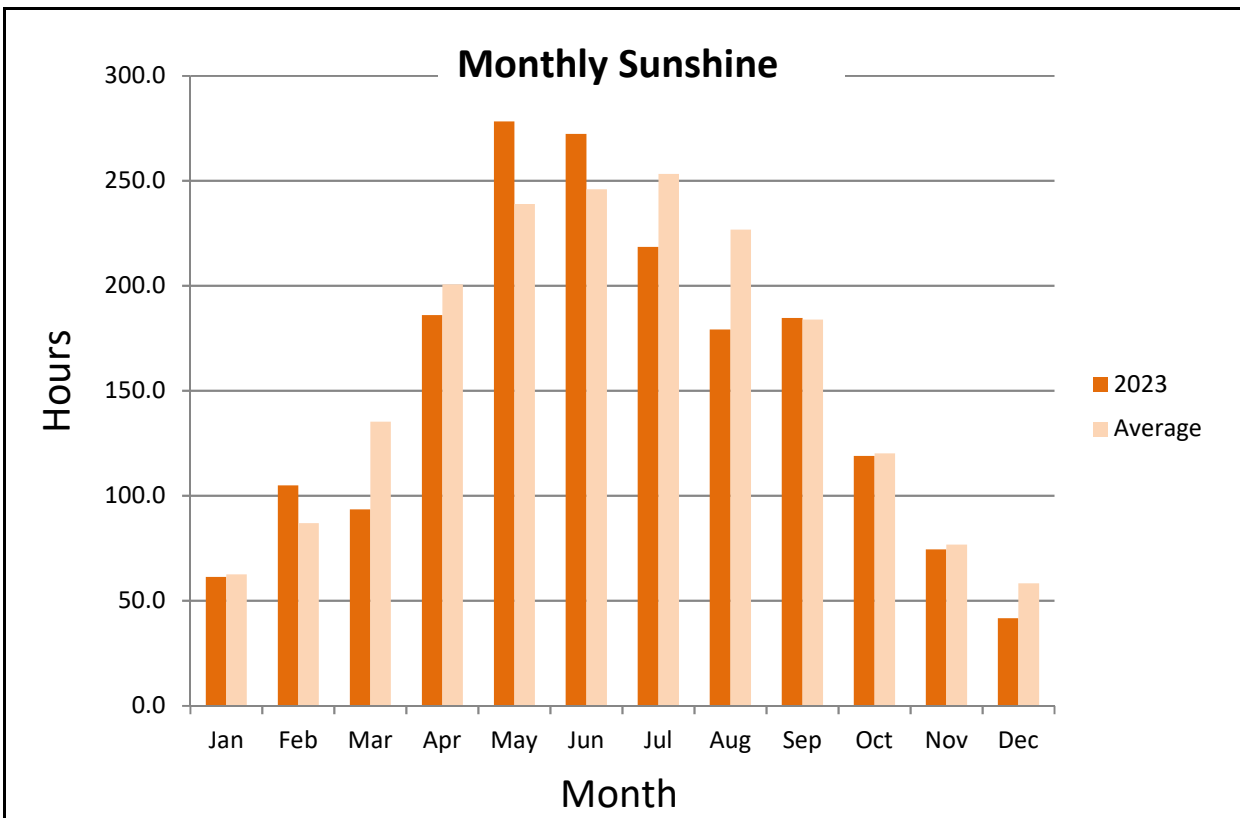
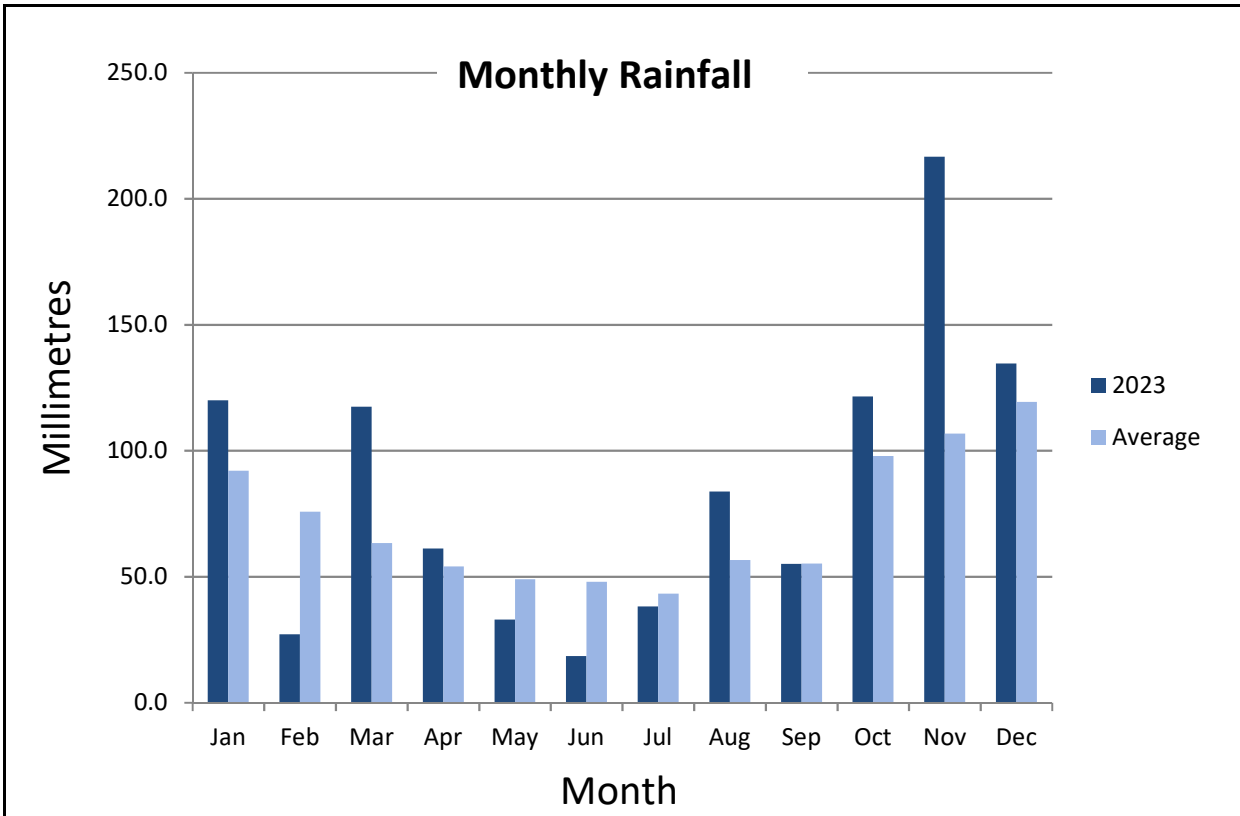
Spring	2023	10 Yr Avg	Anomaly/%
Rain (mm)	235.6	145.8	161.6
Sun (hrs)	567.0	631.7	89.8
Mean Max (°C)	13.7	13.6	+0.1
Mean Min (°C)	8.3	7.7	+0.6
Mean (°C)	11.0	10.7	+0.3

Summer	2023	10 Yr Avg	Anomaly/%
Rain (mm)	134.2	126.3	106.3
Sun (hrs)	662.0	777.2	85.2
Mean Max (°C)	20.9	20.7	+0.2
Mean Min (°C)	14.1	13.3	+0.8
Mean (°C)	17.5	17.0	+0.5

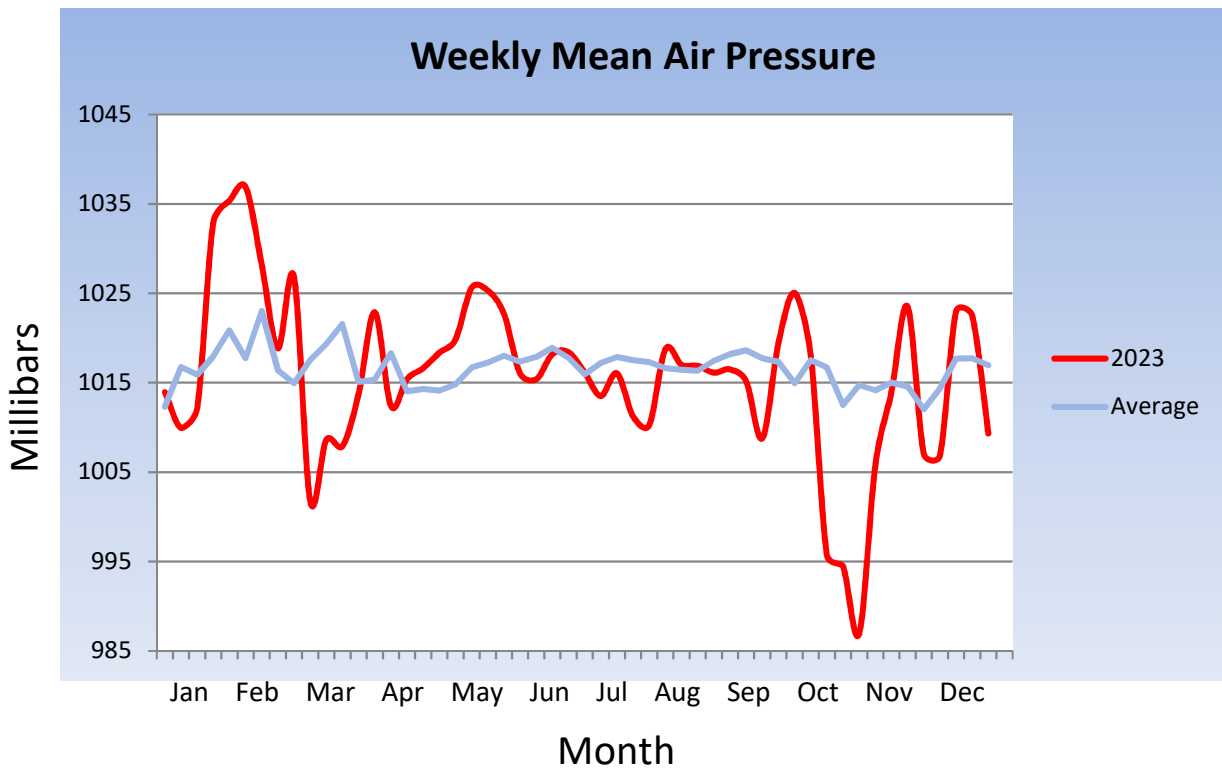
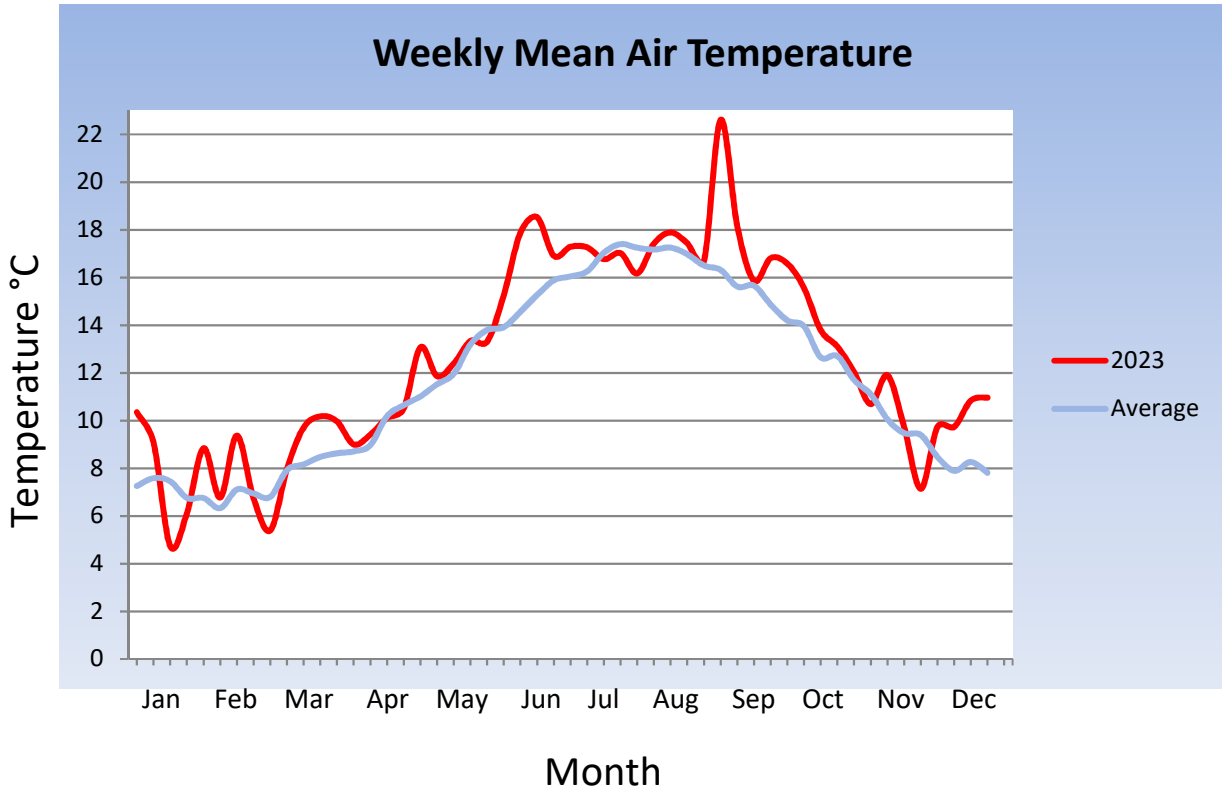
Autumn	2023	10 Yr Avg	Anomaly/%
Rain (mm)	406.0	272.3	149.1
Sun (hrs)	351.1	386.6	90.8
Mean Max (°C)	17.8	16.3	+1.5
Mean Min (°C)	12.2	11.3	+0.9
Mean (°C)	15.0	13.8	+1.2

NB - 10 year average is 2013-2022

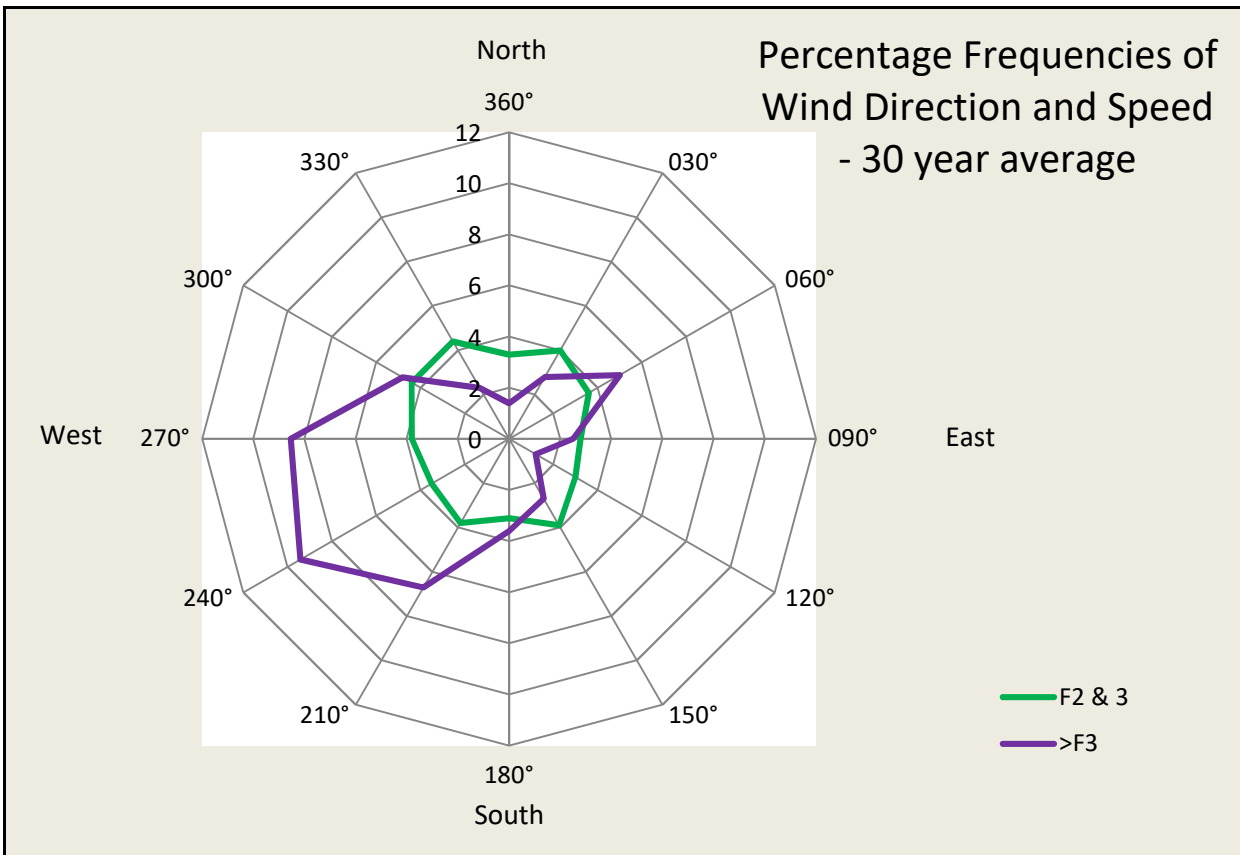
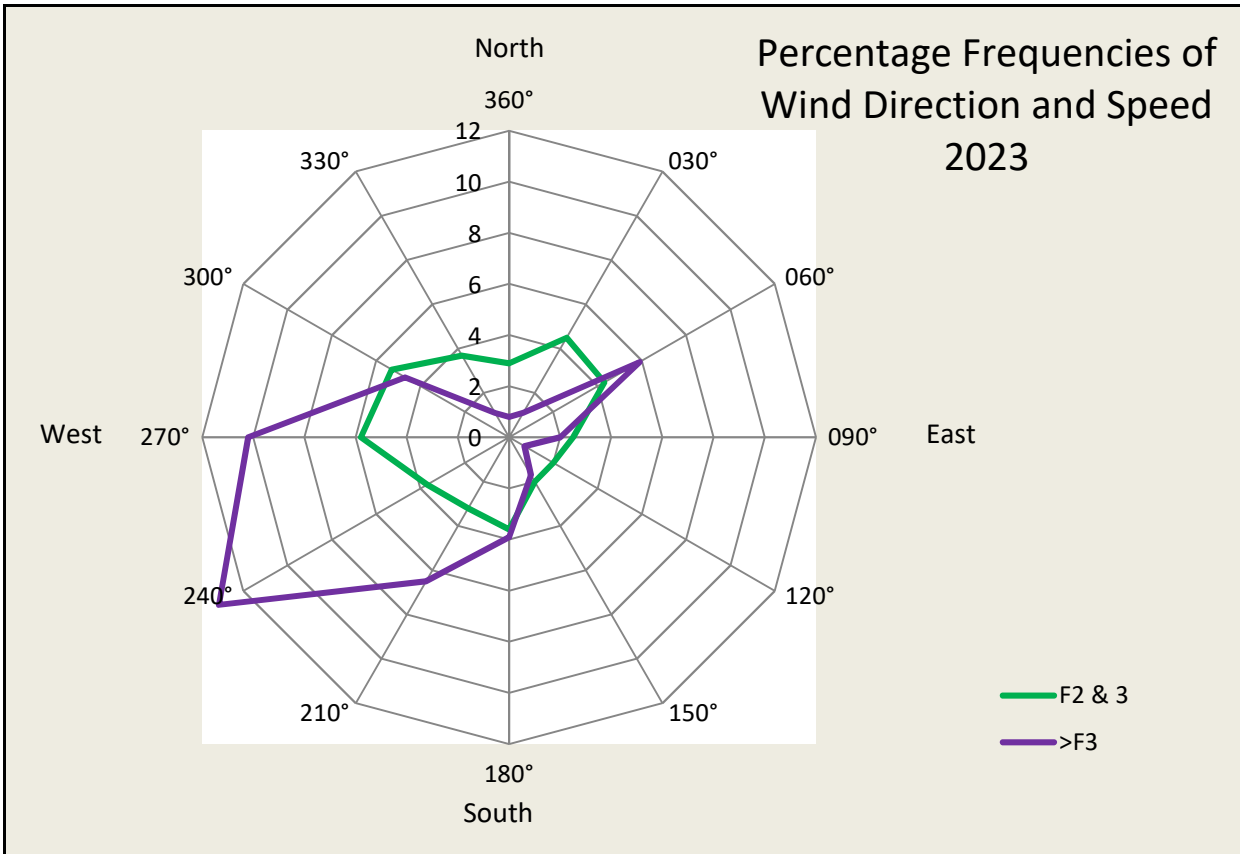
Guernsey Met Office



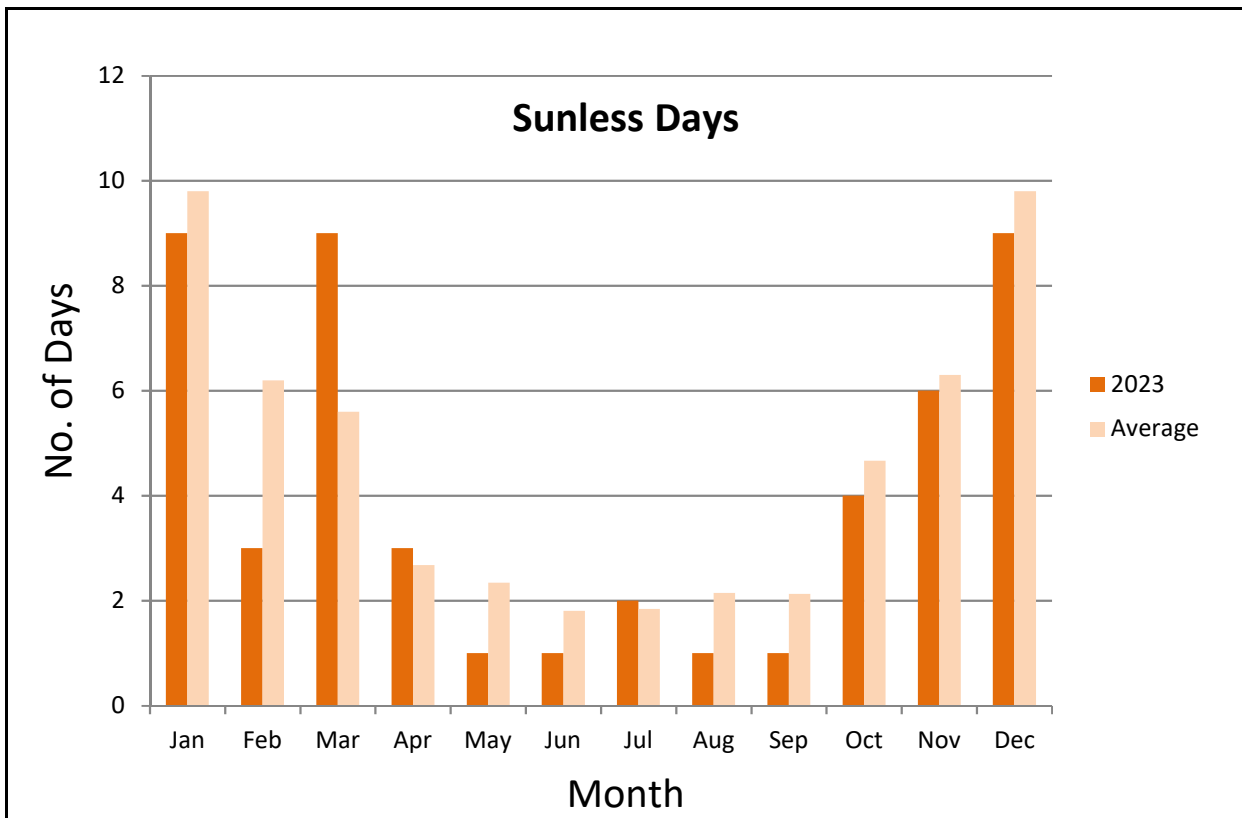
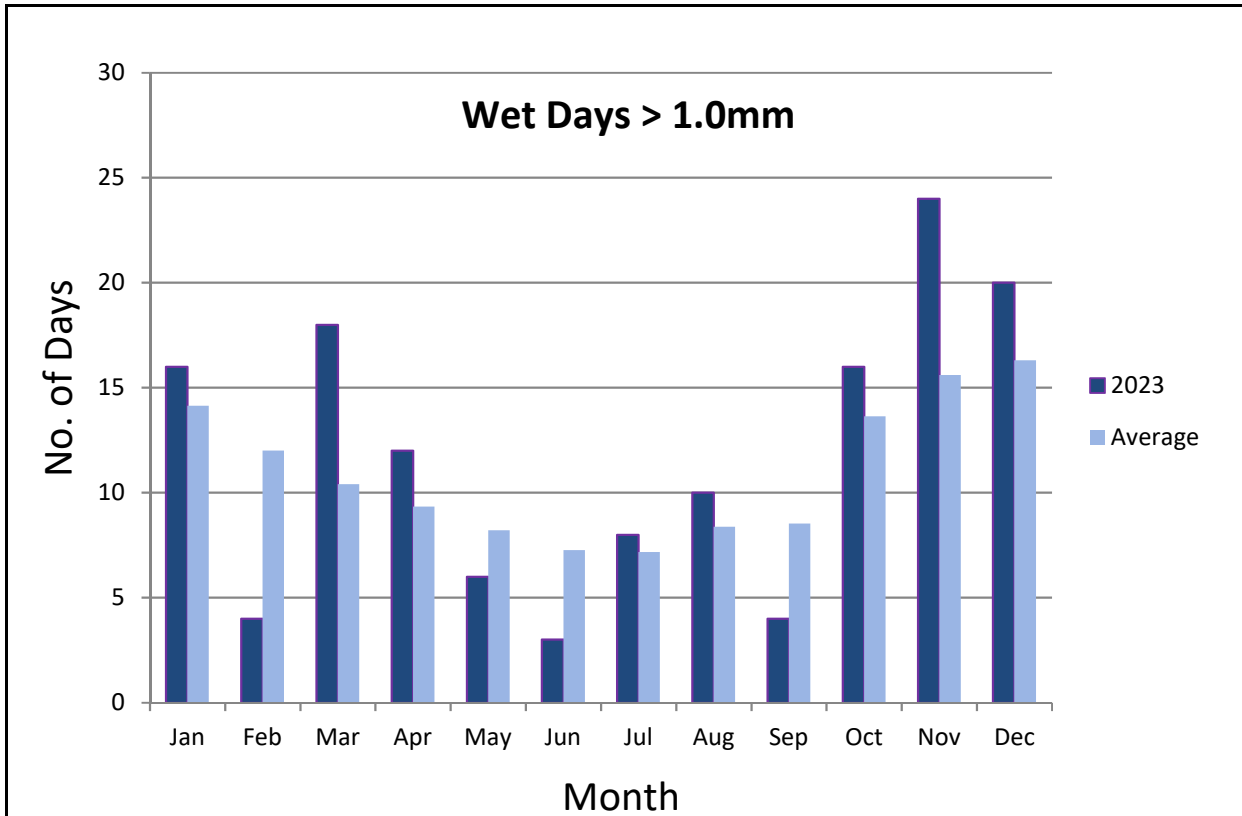
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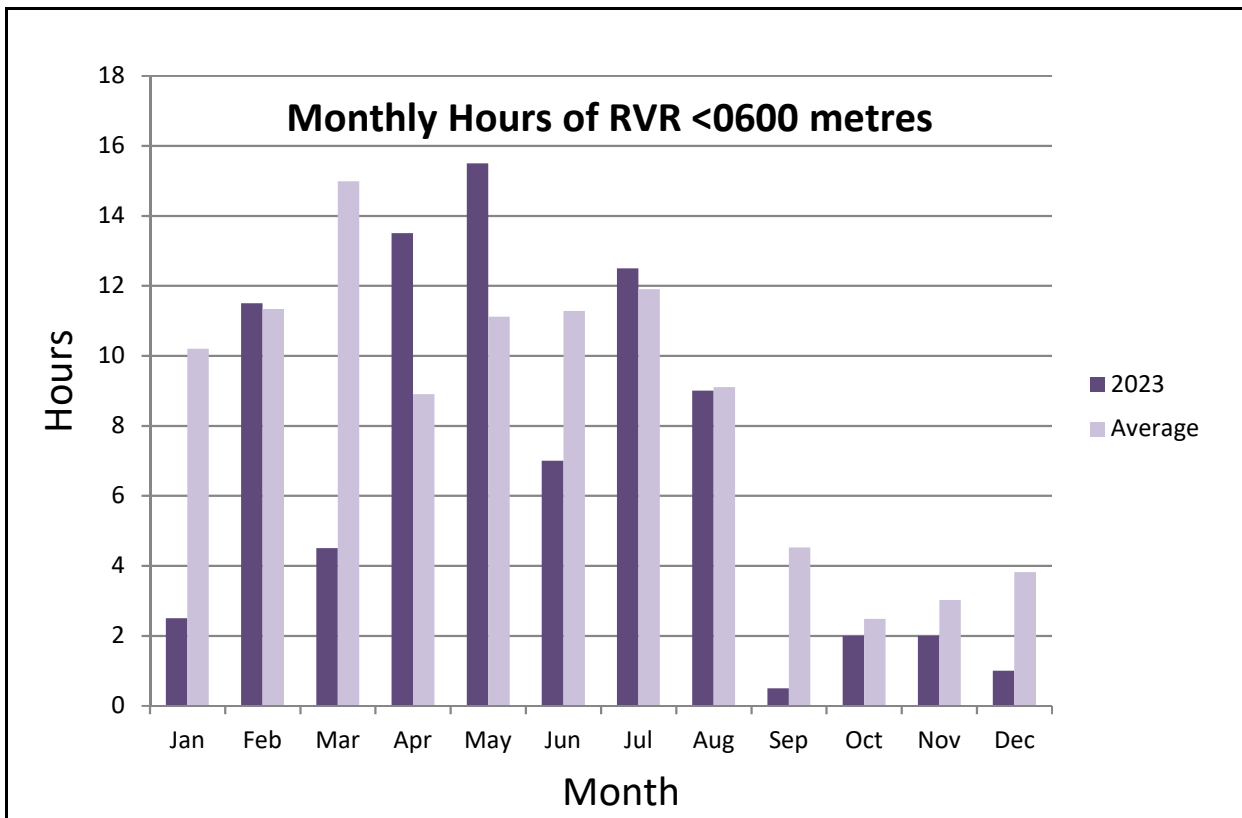
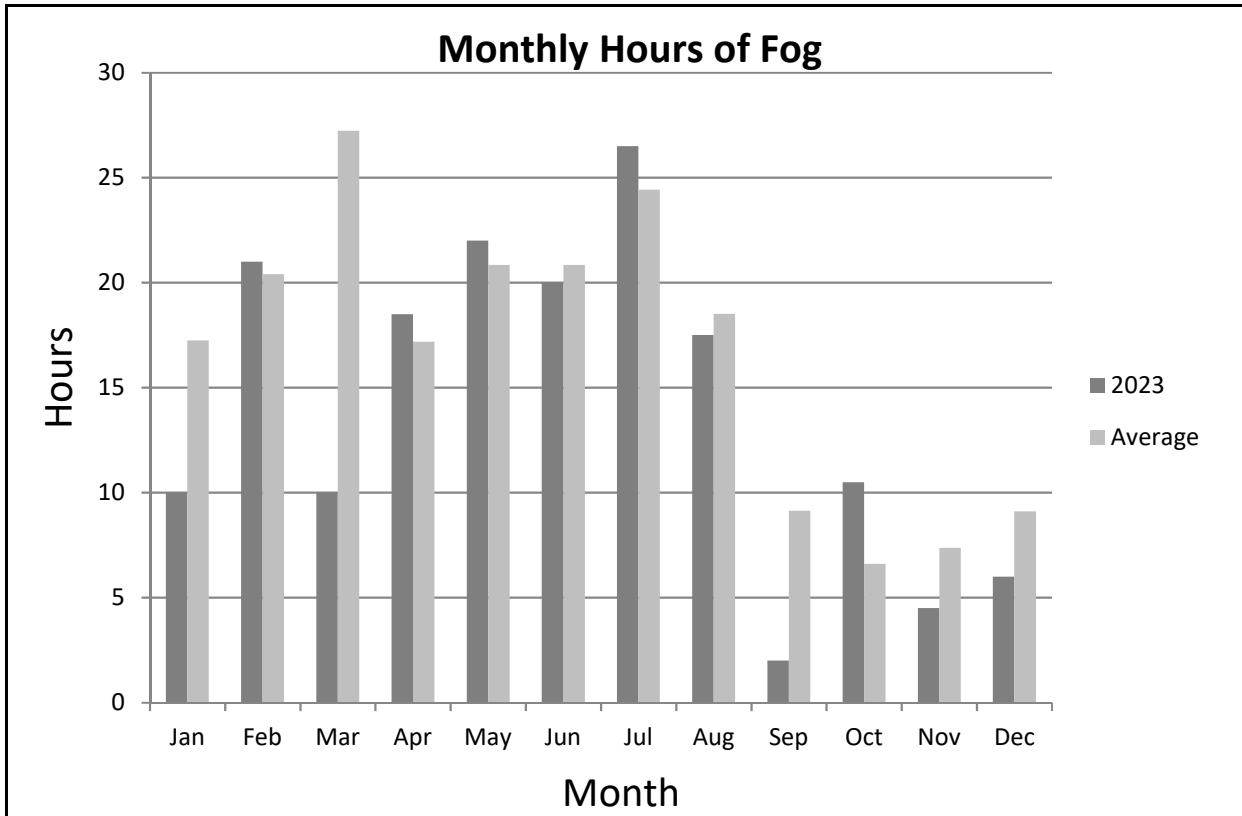
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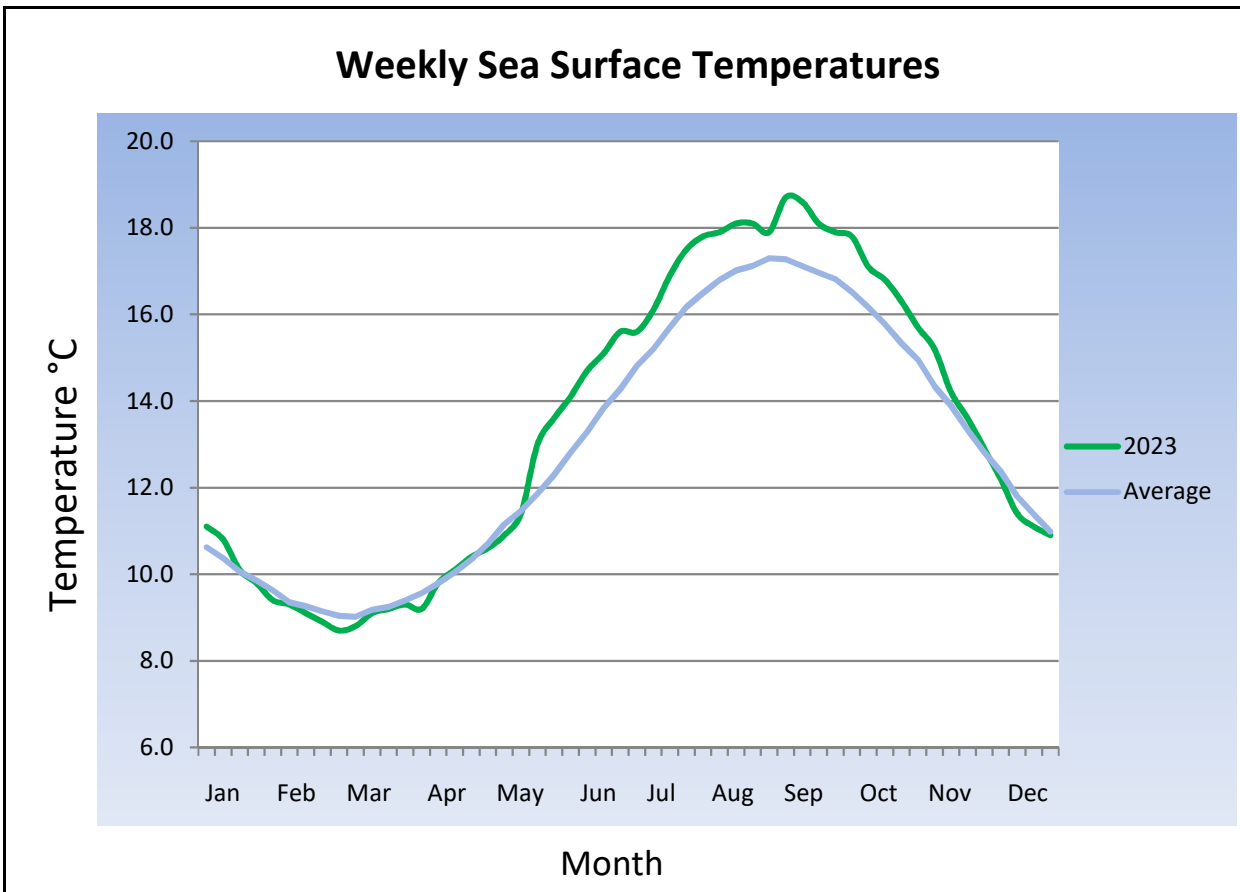
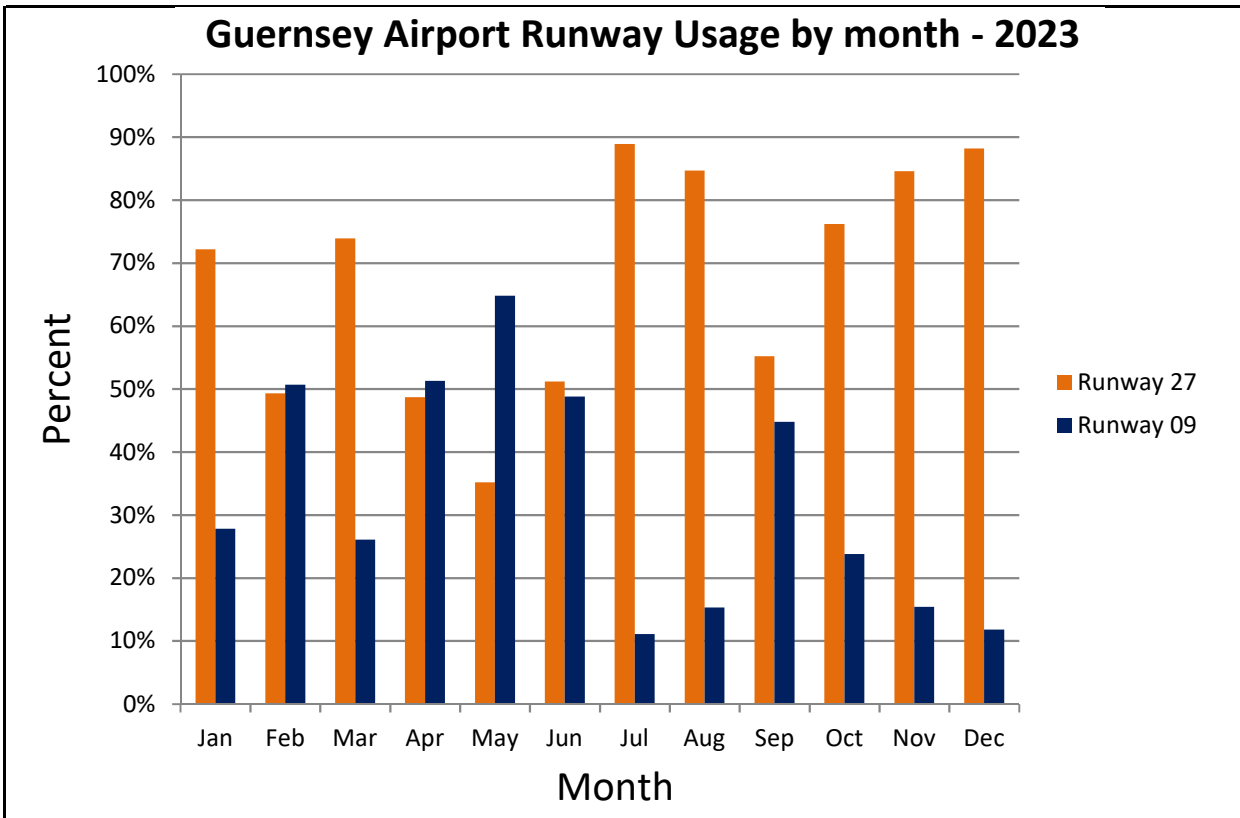
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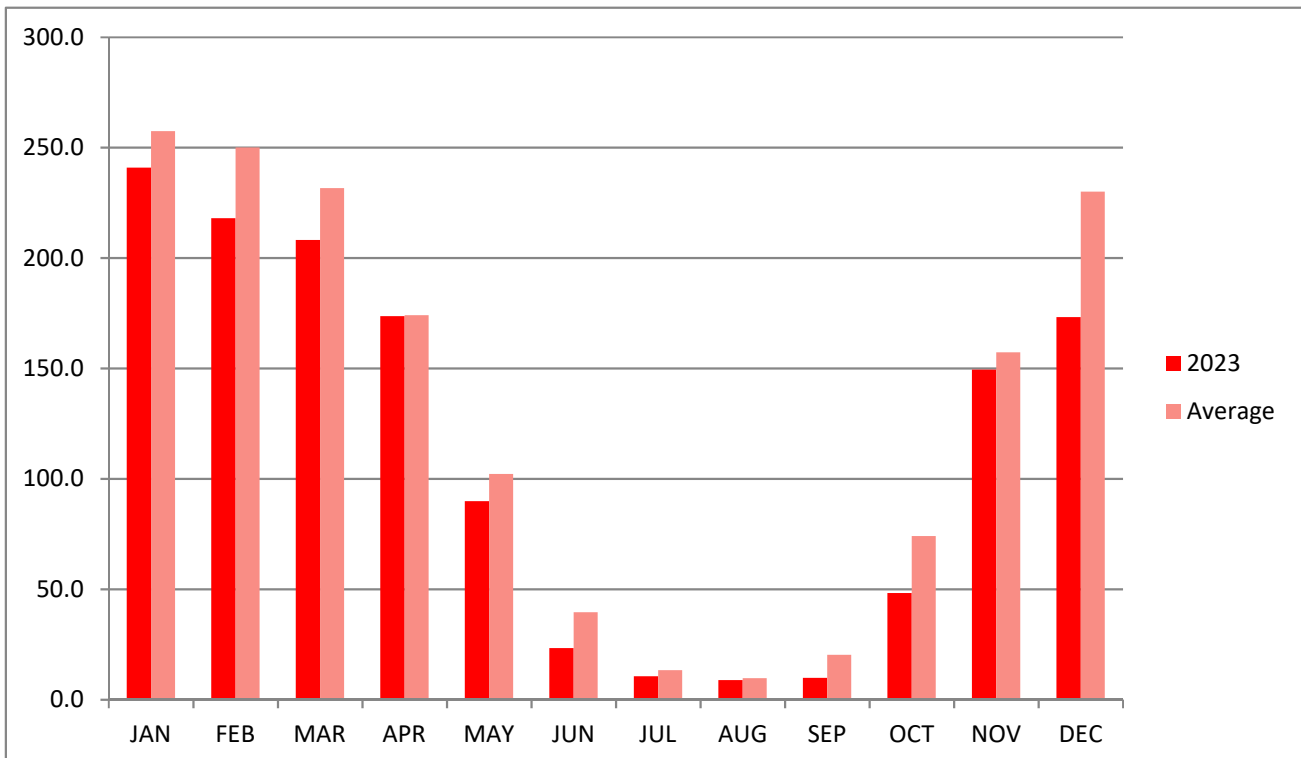
Guernsey Met. Office

Degree Days

Monthly accumulated Degree Days below 15.5°C
 (Average figures use data from 1991 - 2020)

	2023	Average
JAN	241.0	257.5
FEB	218	250.0
MAR	208.1	231.6
APR	173.6	174.1
MAY	89.9	102.2
JUN	23.4	39.6
JUL	10.6	13.3
AUG	8.8	9.7
SEP	9.8	20.3
OCT	48.2	74.1
NOV	149.4	157.3
DEC	173.2	230.0
YEAR	1354.0	1559.7

Accumulated Degree Days



GUERNSEY AIRPORT SUNRISE/SUNSET TIMES

2024 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

24 DY	JANUARY SR SS	FEBRUARY SR SS	MARCH SR SS	APRIL SR SS	MAY SR SS	JUNE SR SS	JULY SR SS	AUGUST SR SS	SEPTEMBER SR SS	OCTOBER SR SS	NOVEMBER SR SS	DECEMBER SR SS	24 DY
1	M 0806 1621	T 0743 1705	F 0652 1754	M 0547 1842	W 0448 1928	S 0409 2009	M 0408 2020	T 0442 1950	S 0527 1853	T 0611 1748	F 0659 1648	S 0745 1614	1
2	T 0806 1622	F 0742 1707	S 0650 1755	T 0545 1844	T 0446 1930	S 0408 2010	T 0409 2020	F 0444 1949	M 0528 1851	W 0612 1746	S 0701 1646	M 0747 1613	2
3	W 0806 1623	S 0740 1709	S 0648 1757	W 0543 1845	F 0444 1931	M 0407 2010	W 0410 2019	S 0445 1947	T 0530 1848	T 0614 1744	S 0703 1645	T 0748 1613	3
4	T 0806 1624	S 0739 1710	M 0646 1759	T 0540 1847	S 0443 1933	T 0407 2011	T 0411 2019	S 0446 1946	W 0531 1846	F 0615 1742	M 0704 1643	W 0749 1612	4
5	F 0806 1626	M 0737 1712	T 0644 1800	F 0538 1849	S 0441 1934	W 0406 2012	F 0411 2018	M 0448 1944	T 0533 1844	S 0617 1740	T 0706 1642	T 0750 1612	5
6	S 0806 1627	T 0736 1714	W 0642 1802	S 0536 1850	M 0439 1936	T 0406 2013	S 0412 2018	T 0449 1942	F 0534 1842	S 0618 1738	W 0707 1640	F 0751 1612	6
7	S 0805 1628	W 0734 1716	T 0640 1804	S 0534 1852	T 0438 1937	F 0405 2014	S 0413 2017	W 0451 1941	S 0536 1840	M 0620 1736	T 0709 1639	S 0752 1611	7
8	M 0805 1629	T 0732 1717	F 0638 1805	M 0532 1853	W 0436 1938	S 0405 2015	M 0414 2017	T 0452 1939	S 0537 1838	T 0621 1733	F 0711 1637	S 0754 1611	8
9	T 0805 1630	F 0731 1719	S 0636 1807	T 0530 1855	T 0435 1940	S 0405 2015	T 0415 2016	F 0454 1937	M 0538 1836	W 0623 1731	S 0712 1636	M 0755 1611	9
10	W 0804 1632	S 0729 1721	S 0634 1808	W 0528 1856	F 0433 1941	M 0404 2016	W 0416 2015	S 0455 1935	T 0540 1834	T 0624 1729	S 0714 1634	T 0756 1611	10
11	T 0804 1633	S 0728 1722	M 0632 1810	T 0526 1858	S 0432 1943	T 0404 2017	T 0417 2015	S 0456 1934	W 0541 1831	F 0626 1727	M 0716 1633	W 0757 1611	11
12	F 0803 1634	M 0726 1724	T 0629 1811	F 0524 1859	S 0430 1944	W 0404 2017	F 0418 2014	M 0458 1932	T 0543 1829	S 0627 1725	T 0717 1632	T 0757 1611	12
13	S 0802 1636	T 0724 1726	W 0627 1813	S 0522 1901	M 0429 1946	T 0404 2018	S 0419 2013	T 0459 1930	F 0544 1827	S 0629 1723	W 0719 1630	F 0758 1611	13
14	S 0802 1637	W 0722 1727	T 0625 1815	S 0520 1902	T 0427 1947	F 0404 2018	S 0420 2012	W 0501 1928	S 0546 1825	M 0631 1721	T 0720 1629	S 0759 1611	14
15	M 0801 1639	T 0721 1729	F 0623 1816	M 0518 1904	W 0426 1948	S 0403 2019	M 0421 2011	T 0502 1926	S 0547 1823	T 0632 1719	F 0722 1628	S 0800 1611	15
16	T 0800 1640	F 0719 1731	S 0621 1818	T 0516 1905	T 0425 1950	S 0403 2019	T 0422 2010	F 0504 1925	M 0549 1821	W 0634 1717	S 0723 1627	M 0801 1612	16
17	W 0800 1641	S 0717 1732	S 0619 1819	W 0514 1907	F 0423 1951	M 0403 2020	W 0423 2009	S 0505 1923	T 0550 1818	T 0635 1715	S 0725 1625	T 0801 1612	17
18	T 0759 1643	S 0715 1734	M 0617 1821	T 0512 1908	S 0422 1952	T 0404 2020	T 0424 2008	S 0506 1921	W 0552 1816	F 0637 1713	M 0727 1624	W 0802 1612	18
19	F 0758 1644	M 0713 1736	T 0615 1822	F 0510 1910	S 0421 1954	W 0404 2020	F 0426 2007	M 0508 1919	T 0553 1814	S 0638 1711	T 0728 1623	T 0803 1613	19
20	S 0757 1646	T 0712 1737	W 0612 1824	S 0508 1911	M 0420 1955	T 0404 2020	S 0427 2006	T 0509 1917	F 0554 1812	S 0640 1709	W 0730 1622	F 0803 1613	20
21	S 0756 1648	W 0710 1739	T 0610 1825	S 0506 1913	T 0419 1956	F 0404 2021	S 0428 2005	W 0511 1915	S 0556 1810	M 0642 1708	T 0731 1621	S 0804 1614	21
22	M 0755 1649	T 0708 1741	F 0608 1827	M 0504 1915	W 0418 1957	S 0404 2021	M 0429 2004	T 0512 1913	S 0557 1808	T 0643 1706	F 0733 1620	S 0804 1614	22
23	T 0754 1651	F 0706 1742	S 0606 1829	T 0502 1916	T 0416 1959	S 0405 2021	T 0430 2003	F 0514 1911	M 0559 1805	W 0645 1704	S 0734 1619	M 0805 1615	23
24	W 0753 1652	S 0704 1744	S 0604 1830	W 0500 1918	F 0415 2000	M 0405 2021	W 0432 2001	S 0515 1909	T 0600 1803	T 0646 1702	S 0736 1618	T 0805 1615	24
25	T 0752 1654	S 0702 1746	M 0602 1832	T 0458 1919	S 0414 2001	T 0405 2021	T 0433 2000	S 0517 1907	W 0602 1801	F 0648 1700	M 0737 1618	W 0805 1616	25
26	F 0751 1655	M 0700 1747	T 0600 1833	F 0457 1921	S 0413 2002	W 0406 2021	F 0434 1959	M 0518 1905	T 0603 1759	S 0650 1658	T 0738 1617	T 0806 1617	26
27	S 0749 1657	T 0658 1749	W 0557 1835	S 0455 1922	M 0413 2003	T 0406 2021	S 0436 1957	T 0520 1903	F 0605 1757	S 0651 1657	W 0740 1616	F 0806 1618	27
28	S 0748 1659	W 0656 1751	T 0555 1836	S 0453 1924	T 0412 2004	F 0407 2021	S 0437 1956	W 0521 1901	S 0606 1755	M 0653 1655	T 0741 1615	S 0806 1618	28
29	M 0747 1700	T 0654 1752	F 0553 1838	M 0451 1925	W 0411 2006	S 0407 2020	M 0438 1955	T 0522 1859	S 0608 1752	T 0654 1653	F 0743 1615	S 0806 1619	29
30	T 0746 1702		S 0551 1839	T 0449 1927	T 0410 2007	S 0408 2020	T 0440 1953	F 0524 1857	M 0609 1750	W 0656 1651	S 0744 1614	M 0806 1620	30
31	W 0744 1704		S 0549 1841		F 0409 2008		W 0441 1952	S 0525 1855		T 0658 1650		T 0806 1621	31

Additional Information:

St Peter Port Tides 2024:

[Tide Tables - Guernsey Harbours](#)

[2024 tide timetables \(in GMT\) - States of Guernsey \(gov.gg\)](#)

Ormering Tides 2024:

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

Lihou Causeway Times 2024:

[Lihou information and causeway opening times - States of Guernsey \(gov.gg\)](#)