

Guernsey Met Office

2022 Annual Weather Report

Including data from Sark



The 2022 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

On behalf of

Guernsey Ports

Front cover photo:

A double rainbow captured at the Airport on the 29th December 2022. Welcome rainfall to help replenish water reserves.

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2022 – Senior Met Officer's Comment

There has been a lot to talk about with regards to 2022's weather and Chris will precis this in his summary that follows. What stood out for me was the 5 occurrences that the mercury hit 30°C or more. To put this in some context, since 1947 (when records began at the airport) and up to and including 2021 (74 years), we only recorded 15 occurrences of a maximum temperature of 30°C or more.

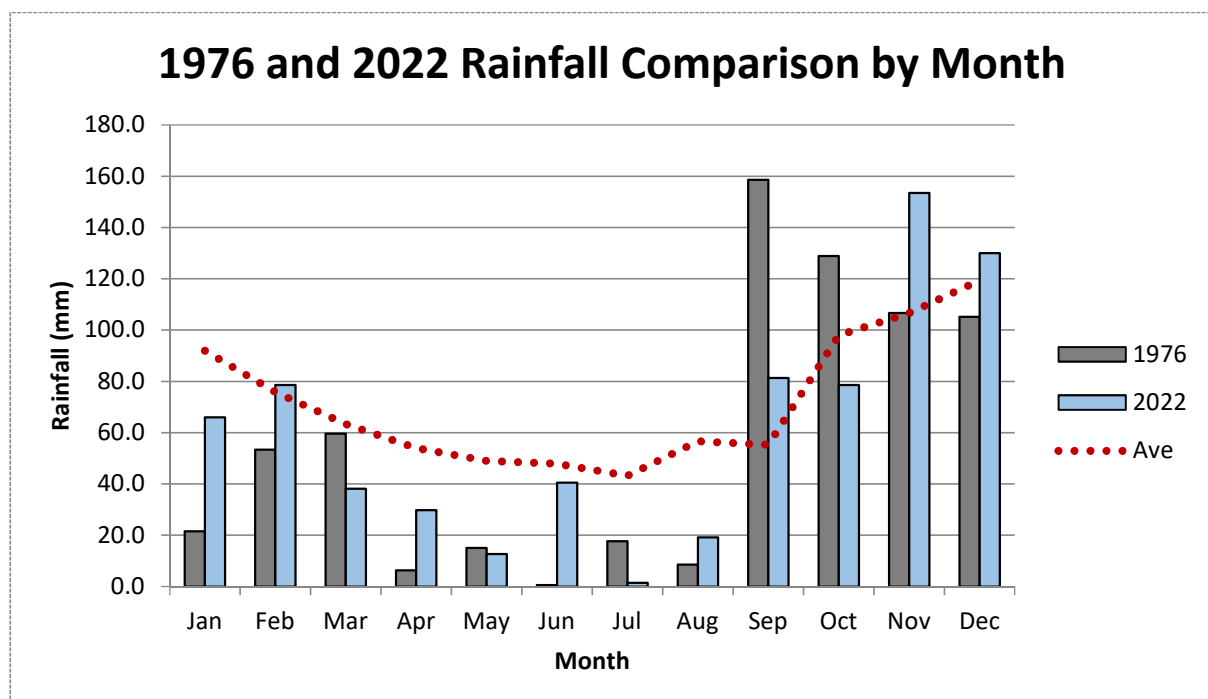
This got me thinking about the drought of 1976 and how the two years compare. Unfortunately, I can remember the summer of 1976. Whether that be a visit to a dry reservoir and seeing the remains of the submerged buildings or endless days at the beach as well as the barren golf course which had fairways like concrete along with the constant adverts and stickers to save water. The statistic that stands out from 1976 was the 40 consecutive days without rainfall which started on the 21st July and ending on the 30th August when 8.6mm fell.

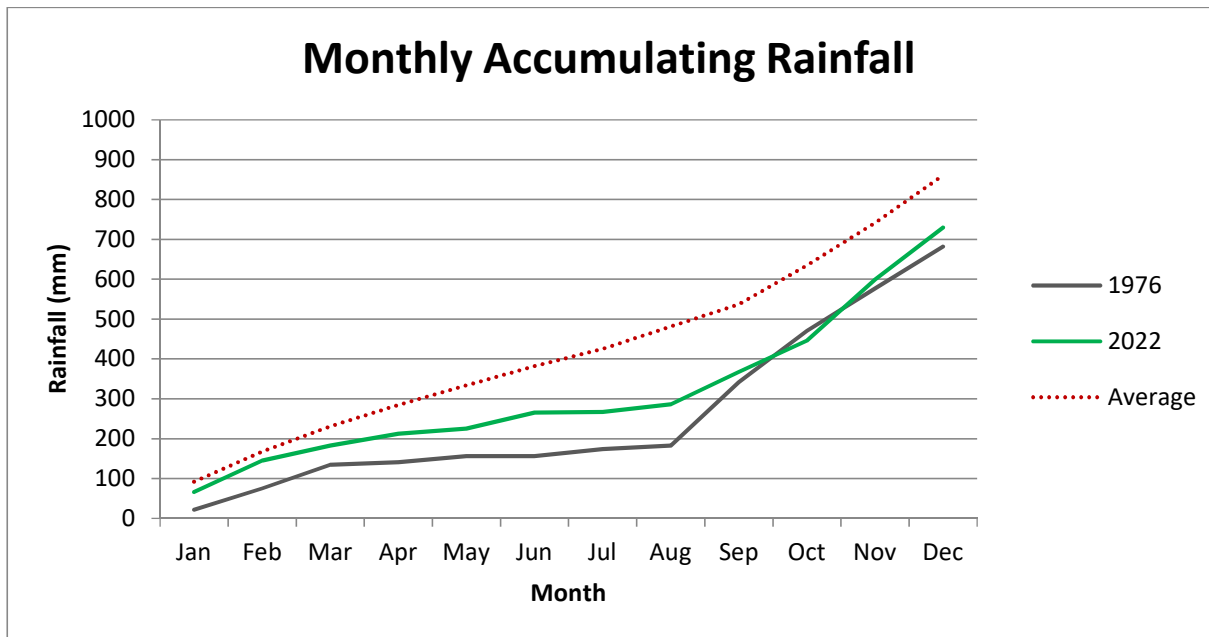
So how do the two years compare:

1976 started off much dryer than 2022 with only 140.8mm of rain from Jan to April compared to 212.6mm last year. It was not until mid-September in 1976 that the heavens opened and for September through to December more than 100mm of rainfall fell in each month.

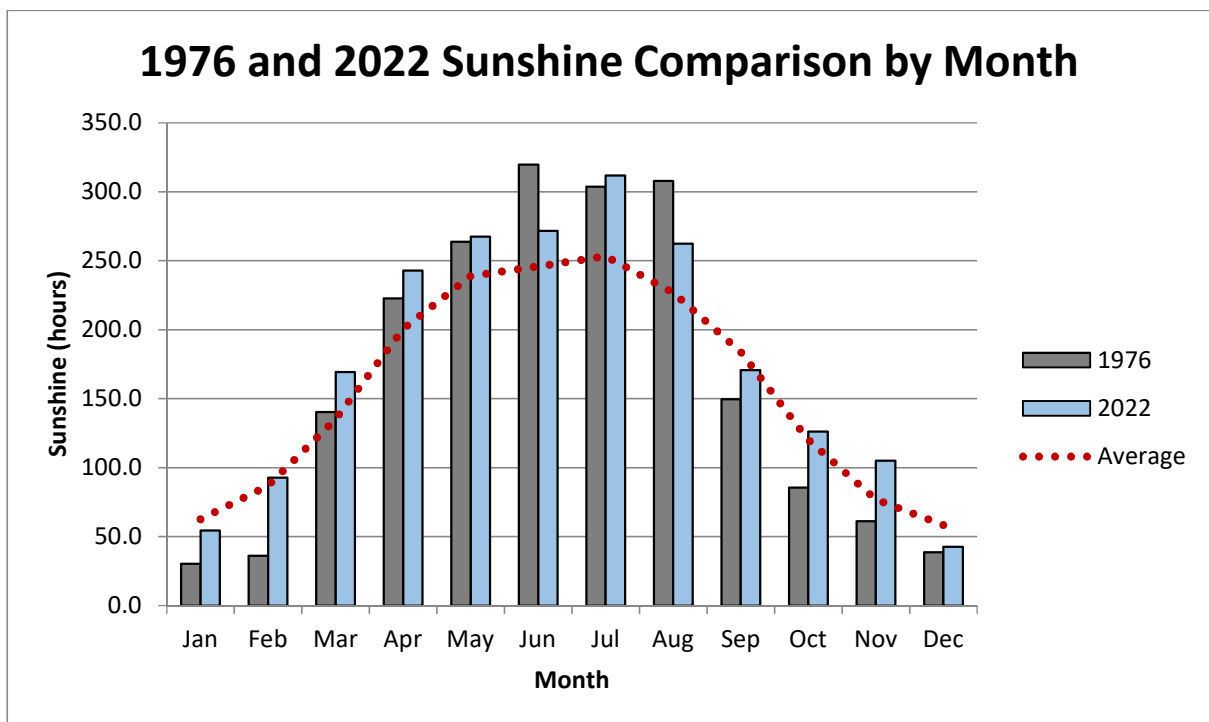
Temperatures in 1976 only peaked at 30.8°C but a continual feed of high pressure systems kept things dry and temperatures were largely on the pleasant side. Our hottest weather comes off the nearby continent and usually comes our way via high pressure centred to the east bringing up very warm air on a south-easterly breeze. On the whole this tends to only last for a couple of days before less warm air comes back in from the Atlantic. This was much the case last year but very hot weather coming up from Spain created the recipe for excessive temperatures. It should be said, thanks to the cooling effect the surrounding sea gives us, temperatures were not as high as nearby France where temperatures of 40°C or more were recorded as against our max of 34.2°C.

I will try to show some comparisons between the two years:

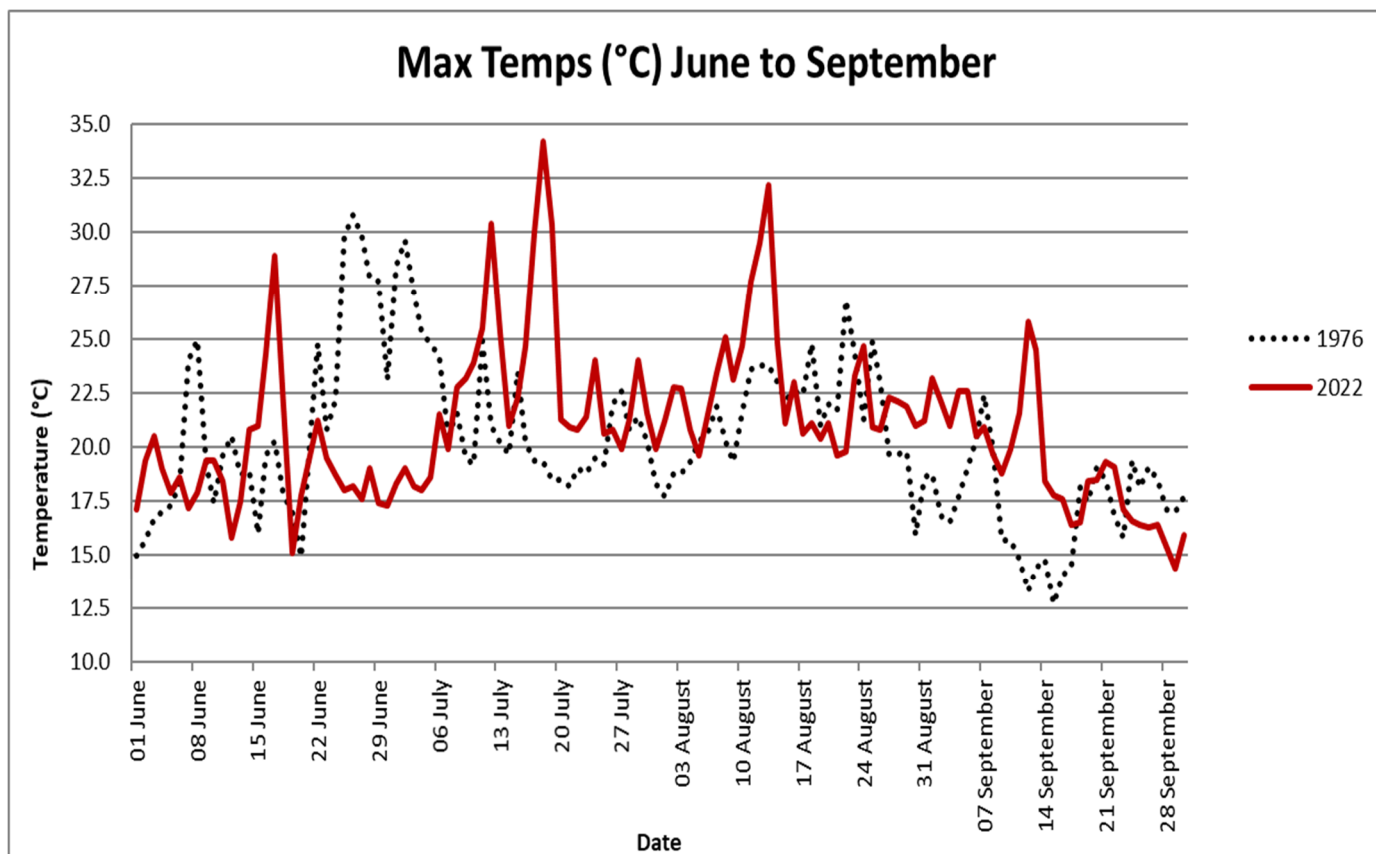




These 2 graphs show the relatively dry starts to both years, but in particular 1976 until the heavens opened in September.



Sunshine as you would expect in dry years was above average.



Last year's maximum temperatures saw 5 occasions when the mercury topped 30°C or more compared to the one occasion in 1976.

Summer Mean Temps °C		Annual Mean Temps (°C)	
1976	17.5	1976	11.2
2022	18.0	2022	12.8
30 year ave	16.2	30 year ave	11.7

Summer Rainfall (mm)		Annual Rainfall (mm)	
1976	26.9	1976	682.0
2022	61.1	2022	729.8
30 year ave	147.6	30 year ave	860.9

Summer Sunshine (hours)		Annual Sunshine (hours)	
1976	931.2	1976	1959.1
2022	845.9	2022	2117.3
30 year ave	726.0	30 year ave	1889.6

Above are some of the raw figures for both the summers of 1976 and 2022 as well as the annual figures, plus the current 30 year averages. As the years go by so our memories fade and we generally remember the very good or very bad weather, such as the 'great' storm of 1987 or the extreme (for the islands) snowfall in March 2013.



The contrast between 2019 and 2022 shown on Google Earth images. Aerial views of Guernsey Airport both taken in July. They say a picture is worth a thousand words!

As a side note I came across this from the then SMO's note for August 1976 it states:

"High pressure began to decline on the 27th and a thundery depression over France moved northeastwards to southern England on the 30th which happened to be the late Summer Bank Holiday.

Rain associated with this depression reached Guernsey during the morning and by midday had intensified to produce the wettest day for over five months (8.6mm). Ironically this was the dullest day since the Spring Bank Holiday on the 31st May"

I guess nothing changes in regards to poor weather on Bank Holidays!

June 1976 also saw a good deal of sea and coastal fog giving a total of 13 fog days for the month.

I will leave you to decide which was the better Summer and for many excessive heat both by day and in particular at night is not a good thing. I will pick 1976, more from childhood memories I guess, than for anything else!

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

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Weather Headlines 2022

- **January** - The first 2 weeks of January saw 96% of the total monthly rainfall with just 2.6mm recorded in the second half of the month making this January slightly drier than average. Sunshine was more evenly spread out across the month but we did end up just short of the long term average. A very mild start and finish to the month but with a cooler snap mid-month saw the mean monthly temperature only 0.5°C above normal but we did note record high maximum temperatures for the 1st & 2nd since records began at the airport. Despite a 76 knot gust on the 8th with attendant gale, the mean wind speed for the month was the lowest ever recorded for January at just 9.4 knots, perhaps due mainly to the dominance of high pressure through the month. Indeed, the mean monthly air pressure for January was the highest recorded for 30 years. We also noted the warmest night minimum temperature (11.5°C) and highest daytime maximum temperature (13.1°C) on the 1st since 2007.
- **February** - With a marked absence of any wintry conditions, we ended up with the warmest February since 2007 and the 9th warmest on record going back to 1843. Sunshine was given a late boost with just under a third of the month's total accrued in the last 4 days and nudging the total for February just over the long term average. Rainfall too was just above normal with the 13th producing the wettest February day for 8 years with 21.7mm.
- **Winter 2021/22** - Winter 2021/22 yielded very little cold weather and so ended up 1.0°C above average making it the 10th warmest on record. Both rainfall and sunshine were less than average; with rainfall around half of last winter's total.
- **March** – The month ended on a cool note with just 2.2°C recorded late evening on the 31st, but overall the month was 1.3°C warmer than the long term average making it the warmest March for 5 years and the 6th warmest since records began in 1843. A fine & dry 10 day spell from the 17th helped us to the sunniest March for 10 years and just 60% of the average rain falling through the month, 92% of that in the first 2 weeks. A Sea Level reading of 1040.5hPa mid morning on the 18th was the highest for March for 7 years.
- **April** - April was slightly warmer and drier than the long term average. The period between the 6th and 8th of April contributed just under 74% of April's total rainfall, with 90% of the month's rainfall having fallen by day 12. Despite the month being 0.4°C warmer than the long term average, the highest maximum temperature for the month reached only 19.1°C on 16th, making it April's coolest maximum daytime temperature for 5 years.
- **May** - With just over half an inch (12.7mm) of rain recorded at the airport and nearly half of that falling overnight on the 22nd we totalled just over a quarter of the monthly average recorded making it the driest May since 1998, and with just 650.0mm for the 12 month period ending 31st May, the 2nd lowest total for that period for 25 years. May was also sunnier than average continuing a trend of sunnier than average May months for the last 4 out of 5 years. With high pressure the dominant feature through most of the month we noted the 2nd highest mean sea level pressure (1020.3hPa) for 31 years, and with a mean monthly temperature of 13.4°C it was also the warmest May since 2008 and the 2nd warmest since 1989.
- **Spring** - Warmer, drier and sunnier than average being the 2nd sunniest and 2nd driest since 1997. It was also the 3rd equal warmest (with 2011 & 2017) since our records began in 1843.
- **June** – Another drier, warmer and sunnier than average month being the driest for 3 years, sunniest for 7 years and the 5th warmest on record since 1843. The maximum air temperature on the 17th (28.9°C) was the 7th highest June temperature recorded at the airport but the grass minimum on the 1st of just 1.7°C was the lowest June ground figure since 2006. It is also interesting to note that the 12 month rainfall total to 30th June was just 636.3mm, the lowest total for this period for 30 years.
- **July** – An extraordinary month for both temperature and rainfall, or lack thereof, breaking a number of records. The 18th saw 34.2°C, the highest July temperature on record (since 1843) and the 2nd

highest temperature officially recorded in the island. We also noted 4 days with 30°C or higher, the most occasions for any month on record. With a mean temperature of 18.7°C this was the warmest month since July 2006 and we also noted the warmest night on the 18th for 16 years. We also set a new mean daily range temperature record of 8.0°C for July. With just 1.4mm of rain for the month this was the driest July on record, the driest month since June 1976 and the 6th driest month since our records began. The only completely dry month we've noted was June 1925. By comparison June 1976 yielded just 0.6mm of rainfall. From the start of this year to July 31st we have recorded 267.2mm of rain; the 30 year average is 425.0mm. For the same period in 1976 we recorded just 174.2mm. This was the sunniest month since May 2020 and with 15.4 hours on the 10th this was the equal sunniest July day with the same date in 1987. The 12 month period ending 31st July was the 3rd sunniest such period on record at the airport. We also noted the least amount of days of fog for July, just 2 and the equal highest air pressure of 1034.5hPa recorded on the 8th. It was also the least windy month of the year so far.

- **August** - Another record breaking month with a mean monthly temperature of 19.3°C just pipping the previous warmest August of 2003 by a few fractions of a degree. A top temperature of 32.2°C on the 13th was the highest August temperature for 19 years, and that night saw temperatures fall to just 19.6°C, equal warmest night temperature, again for 19 years. It was another dry month with about a third of the average rain recorded and just under half of that fell during the early hours of the 25th. This was the driest August since 2003 and the 12 month rainfall total ending 31st August was the lowest for that period since 1989. Sunshine was also up on the average being the sunniest for 6 years and that 12 month period ending 31st August was the sunniest such period since 1990. Despite all that sunshine we managed to record some 41.5 hours of fog through the month, that's the highest number of hours for this month since 1997 and we also noted the lowest August mean wind speed for 9 years.
- **Summer** - Summer 2022 ended up being the warmest since our records began back in 1843. A mean temperature across the 3 months of 18.0°C trumped the previous warmest in 2003 at 17.8°C and that of 1976 at 17.5°C. Prior to this summer we had noted 15 days since 1947 (when airport records began) of air temperatures reaching or exceeding 30°C. This summer saw that number increase to 20 as we achieved this benchmark on 5 occasions; 4 in July and once in August. This summer was also the sunniest for 6 years and the driest since 1989.
- **September** – A wetter and duller month than the long term average. More rainfall fell during this month than May, June, July and August combined, and it was the wettest September for 3 years. Despite this, it's still the driest start to the year since 1997. September was warmer than average with some notable warm days – 25.9°C on the 12th was just outside the top ten warmest ever September days. It was the dullest September since 2019 and only the second month of the year to have below average sunshine.
- **October** - October was another warmer than average month being 1.8°C above the long term average, ending up the warmest for 16 years and the 5th warmest since our records began in 1843. Rainfall was 80% of average with nearly three quarters of that total falling overnight. Sunshine was marginally up, duller than last year but brighter than the two previous Octobers. It was quite a lively end to the month with a couple of days with thunderstorms and gales recorded. A maximum gust of 48 knots on the 31st was the highest noted locally since 20th February.
- **November** - With only 2 days of the month at or below the average temperature, November ended up 1.4°C warmer than the long term average making it the 4th warmest November on record and the warmest since 2015. At over 100 hours of sunshine it was also the sunniest November for 16 years and the 9th sunniest on record. Rather oddly it was also the wettest for 12 years and the only month this year so far to surpass 100mm of rainfall. It was also the windiest November for 7 years and the windiest month of the year to date.

- **Autumn** - As Autumn closed out, the statistics showed it to be the warmest for 16 years and the 2nd warmest on record. Rainfall and sunshine were also slightly above average.
- **December** - With the month very firmly split in to two halves; cool, bright and quite dry up to the 17th, then dull, wet, mild and windy from the 18th, the figures showed this to be the coolest December for 12 years and the dulllest since 2018. It was also the coldest and dulllest month of the year with both the lowest December daytime maximum temperature of 4.4°C and lowest night time minimum of +0.7°C on the 13th the lowest for 12 years. That cold air for the first half of the month lead to 10 overnight ground frosts, the most for December for 12 years.
- **2022** - With every month apart from December being warmer than average, and August being a record breaking warm month itself, 2022 ended up the warmest year on record with a mean annual temperature of 12.8°C, surpassing the previous warmest year 2014 by 0.4°C. It was also the driest for 4 years and the 10th sunniest year on record and being the sunniest since 1990. Interestingly we reached that sunshine record on the 29th December, the very last day we saw any sunshine that month! We also noted 5 days where the air temperature reached or exceeded 30.0°C, the most in any year since records began.

January

Deep low pressure out in the near Atlantic and high pressure over Central Europe encouraged a mild, damp but rather unsettled flow across the UK to open up the new year, with fronts bringing rain, occasionally heavy, mist and hill fog to our shores by evening on the 1st. The clearing cold front dropped erratically in to the Channel around midnight with a scattering of showers in a strengthening southwesterly airflow through the afternoon of the 2nd.

These showers gave way to a more prolonged period of rain from dawn on the 3rd as the next system slid in across the top of France, with rain falling locally for most of the daylight hours before clearing eastward later that evening. Further fronts were already making progress southward across the UK as that low centred itself off the west coast of Norway, with a much colder flow becoming established across northern and central parts of the British Isles. This cooler air arrived locally during the 4th with temperatures falling steadily away to just 5°C by early afternoon, together with a scattering of mostly light rain showers. As that low off Norway continued to drift eastward, so pressure started to build in from the west, allowing our winds to fall light from the west during the 5th with a bit more in the way of sunshine and excellent visibility. This ridge was only rather brief, however, as the next series of fronts were just out to the west, feeding in stronger south to southwest winds by noon on the 6th together with rain through the afternoon, clearing to showers that evening and overnight.

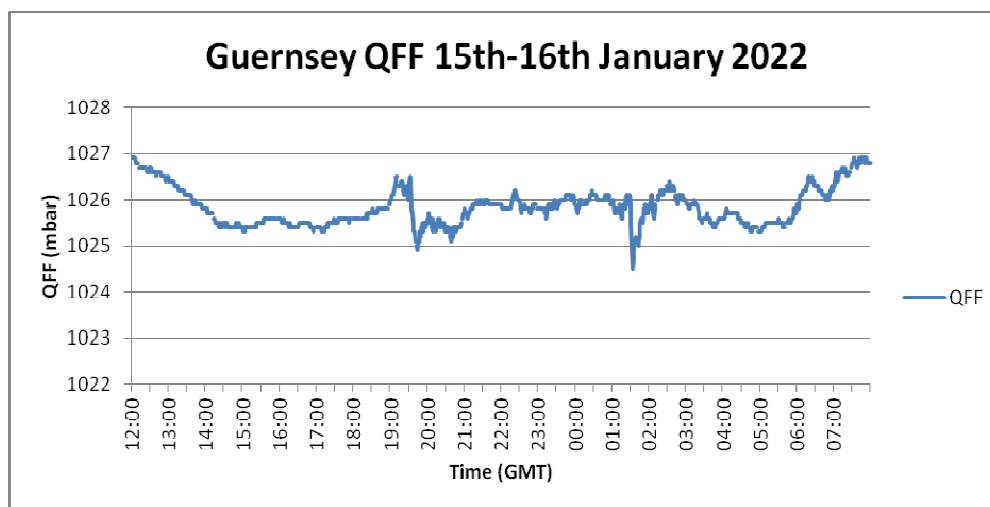
Blustery rain and hail showers streamed in on a cooler westerly flow following that clearance but by the afternoon of the 7th the next Atlantic low was reintroducing rain once more to the islands. Milder air lifted air temperatures with this system overnight in to the 8th as rain and strong southwest winds greeted the new day on the 8th. A very active cold front cleared through the islands about 1400hrs with localised intense rainfall and wind gusts. Parts of the west coast of the island experienced very strong westerly winds with a violent squall producing a gust of 76.4 knots (87.9 mph) at the airport at 1354hrs. This was the 4th equal highest gust recorded at the airport with the previous highest being 77 knots on 25th January 1990. Temperatures fell away and surface winds veered following this clearance with a rash of rain and hail showers through the afternoon and evening.

With low pressure maintaining its grip across the whole of the UK those showers continued in to the 9th but the next Atlantic system brought rain in to the Channel that afternoon and overnight in to the 10th. Lowering cloud saw mist, drizzle and hill fog blanket the islands most of the day. The clearing cold front stalled over southern Britain leading to a real 'north-south' divide with clearer conditions in central and northern parts whilst we remained under the gloom in the Channel. Locally conditions improved briefly for the early part of the afternoon on the 11th as the fog peeled back to the coasts before rolling back in just before sunset.

Pressure was building over the UK by now and by dawn on the 12th we'd seen the last of any overnight drizzle and fog as that stubborn cold front gradually edged its way southeast into northern France. Cloud trapped under this building high was reluctant to clear however, lasting through the morning and early afternoon before breaking up towards evening. By dawn on the 13th that high was very much the dominant feature across all of Europe, centred over Austria, with fine, dry and settled weather for the next couple of days. Indeed 8 hours of sunshine apiece for the 13th & 14th tripled our monthly sunshine total to date but another broad shelf of low cloud rolled in to the Channel for the 15th with dull conditions and cloud thickening enough to give us a few light showers by day's end.

On the 15th in the Southwest Pacific the underwater volcano Hunga Tonga-Hunga Ha'apai erupted producing a tsunami across the region and sending a plume of ash some 35km into the atmosphere. Gravitational pressure waves produced from this eruption spread outward around the globe almost at the speed of sound, with barometric sensors around the world recording the peaks and troughs in the hours following the event. Locally

we noted a peak that evening around 1910hrs and a dip around 0134hrs on the 16th during a prolonged period of atmospheric instability.



Barometric trace showing atmospheric disturbance following Tonga volcano eruption on the 15th.

As pressure fell away briefly early on the 16th, we saw a ragged band of showers push in to the Western Approaches with a particularly active cell trawl slowly across the island around 0600hrs. An hour and a half of moderate to heavy rain lead to some 8.8mm recorded at the airport before clearing just before dawn, with just the odd light residual shower later that morning and again around mid afternoon.

We briefly returned to more settled, dry but often cloudy conditions from the 17th as that dominant high pressure cell centred itself over northeast France with mostly light and variable winds across the islands until a series of weak fronts dropped down across the UK early on the 19th in association with low pressure over Norway. Thicker cloud with outbreaks of rain, drizzle and some hill fog later that morning cleared by mid afternoon to become brighter with the winds veering into the north by evening.

In intense high now building out to the west of Ireland returned us to another run of dry, settled weather with excellent visibility, but variable amounts of cloud trapped within the general circulation did limit our sunshine at times. Occasional clear skies overnight lead to some patchy ground frosts as air temperatures dipped to low single figures. That high drifted gently eastward over the next few days, but maintained the dry, settled but cool and often cloudy weather for the islands. Surface winds veered in to the southeast, still light, but introducing early mist by the 25th which dried out to generally cloudy & hazy conditions in to the 26th. Extensive low cloud was just thick enough at times during the 26th to produce a few spots of light rain and drizzle as daytime temperatures hovered around 7 °C.

Changes were taking place to the north by now, as low pressure swept in from the North Atlantic bringing cloud, rain and strong winds to Scotland and northern Britain. Our dominating high was still keeping our weather settled albeit it rather cool and cloudy, but as our winds veered in to the southwest so temperatures locally started to nudge up overnight in to the 27th as a more maritime sourced airflow became established across the islands. The flip side of this milder flow was an increase in cloud and this thickened and lowered through the day as a weak warm front dropped south in to the Channel that afternoon with patchy drizzle, mist and hill fog just before dusk. The clearing cold front was also a weak affair as it cleared through overnight but the damp flow persisted across the Bailiwick in to the 28th with further outbreaks of drizzle that afternoon together with misty, murky conditions at times.

This pattern of low pressure to the north of the UK and more settled high pressure to the south continued until late on the 29th when we started to see a more organised cold front drop south across the UK, clearing

into northern France with a marked drop in air temperatures around the islands by dawn on the 30th. A brief ridge followed that clearance bringing brighter conditions through the morning, but the next system wasn't too far away with cloud sweeping in during the afternoon with outbreaks of rain that evening and overnight. Dawn on the 31st revealed brighter conditions once more with just a scattering of light showers as the Azores High extended up from the southwest to close out the month.

The first 2 weeks of January saw 96% of the total monthly rainfall with just 2.6mm recorded in the second half of the month making this January slightly drier than average. Sunshine was more evenly spread out across the month but we did end up just short of the long term average. A very mild start and finish to the month but with a cooler snap mid-month saw the mean monthly temperature only 0.5°C above normal but we did note record high maximum temperatures for the 1st & 2nd since records began at the airport.

Despite that 76 knot gust on the 8th with attendant gale, the mean wind speed for the month was the lowest ever recorded for January at just 9.4 knots, perhaps due mainly to the dominance of high pressure through the month. Indeed, the mean monthly air pressure for January was the highest recorded for 30 years. We also noted the warmest night minimum temperature (11.5°C) and highest daytime maximum temperature (13.1°C) on the 1st since 2007.

February

High pressure stretching up from the Azores together with a series of low pressure systems rolling in across the UK brought a cloudy, mild start to the month with outbreaks of mostly light rain and drizzle at times across the Bailiwick. This pattern changed only slowly for the first couple of days but by the 3rd that high had edged away into Central Europe to allow a very deep low to the east of Iceland to drag a cold front down across the UK with cooler, more showery conditions following on behind. This front cleared southeastward over the islands during the morning of the 4th, with a noticeable drop in air temperatures as our winds veered in to the northwest. Visibility improved markedly too with the lower relative humidity associated with this new airmass.

Unfortunately it wasn't long before the next low pressure swung in from the near Atlantic by the 5th, again sweeping across the British Isles with strong winds and periods of heavy rain. Locally our winds backed in to the southwest and strengthened as cloud thickened through the afternoon with patchy rain and drizzle overnight in to the 6th. The fronts lying across the UK started to drop in to the Channel with that rain continuing on and off through the day before clearing southward by late afternoon. Clear skies and light winds overnight allowed air temperatures to dip to just 6.0°C with 0.0°C on the grass by dawn on the 7th.

We enjoyed a brief ridge then through to late afternoon by which time the next warm front was nudging in from the west. This wasn't a particularly active front but did introduce a milder, damper airflow with patchy rain, drizzle and mist that evening, overnight and through most of the 8th. We saw little change the following day as we remained in this gentle southwesterly flow, although some brighter spells early afternoon helped nudge air temperatures to 11.1°C. Patchy drizzle set in for the evening as the cloud base thickened and lowered, heralding the passage of a cold front which arrived over the islands by about 0400hrs on the 10th. This front was rather reluctant to clear the Channel however, with outbreaks of rain until early that afternoon before skies begrudgingly cleared and the winds veered in to the north. Lower, more seasonal temperatures set in as well, reaching only 7.1°C through daylight hours. This cooler, clearer airflow saw much improved visibility too and we noted the first ground frost of the month by dawn on the 11th as high pressure built from the southwest.



Settled ridge conditions with *Cirrus* and *Cumulus* over the Hanois lighthouse just after sunset on the 11th.

Photo credit: B Bonnefin.

That ridge held on during the 12th as well with only patchy medium and high cloud through the day. The next low out in the Atlantic was already sweeping in from the west though, with increasing southerly winds overnight in to the 13th. Cloud started to thicken and lower ahead of this approaching system with rain later that morning becoming heavier and more persistent through the afternoon. There was a bit of a kink on the clearance that evening but by morning a rash of showers covered the Channel, some with hail mixed in as winds fell light from the northwest.

Those showers became more isolated after lunch as our airflow backed in to the west once more with a return to milder, cloudier conditions associated with a run of Atlantic low pressure systems queuing up across the top of the rather flat belt of the Azores High. The first set of fronts arrived just after midday on the 15th in association with storm '*Dudley*' with strong winds, rain, drizzle, mist and hill fog plaguing the islands until clearing overnight in to the 17th. With '*Dudley*' tracking across Scotland and more northern parts of the UK we were spared the worst impacts of this storm but the following system, storm '*Eunice*' was undergoing explosive cyclogenesis out in the near Atlantic, sweeping in on a more southerly track eastward across central parts of the UK on the 18th. Again the bulk of the rain with '*Eunice*' tracked to the north of the islands but our winds ramped up shortly after dawn, from the southwest, to a full gale for about 4 hours that morning with the highest gust recorded at the airport of 59 knots (68 mph) just before 1100hrs. This storm cleared quickly away to the east to be over Denmark by the early hours of the 19th with a few residual showers across the Bailiwick.

Further systems brought more wind and rain in from the Atlantic through the 19th and 20th and then storm '*Franklin*' sweeping across northern parts of Scotland on the 21st. This latest storm was the 3rd named storm in a week, the first such time since the UK Met Office started naming storms in 2015. Conditions locally continued unsettled with strong winds, periods of rain and drizzle clearing at times to blustery showers of rain or hail over the next few days.

A transient ridge on the 23rd provided us with a better day in the islands but further fronts rolled in from the west on the 24th with a period of heavy rain that morning before clearing to squally rain & hail showers. By day's end however, pressure was starting to build from the southwest and with only a few residual showers that night, the 25th dawned bright with winds easing through the day and with 8.4 hours of sunshine we enjoyed one of the more pleasant days of the month. That high drifted slowly eastward over the next day or so but maintained its influence over the UK, with dry, settled conditions with plenty of sunshine through to the 27th.

The last day of the month experienced quite a change as a series of Atlantic fronts rolled in from the west, with cloud increasing and thickening through the day with rain arriving just after 3pm. That rain turned to drizzle later that evening with mist and hill fog closing out the month.

With a marked absence of any wintry conditions, we ended up with the warmest February since 2007 and the 9th warmest on record going back to 1843. Sunshine was given a late boost with just under a third of the month's total accrued in the last 4 days and nudging the total for February just over the long term average. Rainfall too was just above normal with the 13th producing the wettest February day for 8 years with 21.7mm.

Winter 2021/22 also yielded very little cold weather and so ended up 1.0°C above average making it the 10th warmest on record. Both rainfall and sunshine were less than average; with rainfall around half of last winter's total.

March

Slow moving fronts in the Channel brought dull, misty conditions with persistent rain and drizzle together with hill fog patches for the first day of meteorological spring as high pressure sat atop the UK with brighter, drier conditions across the mainland but less savoury conditions locally. Shallow low pressure out in the Southwest Approaches was responsible for our rather gloomy weather but as the associated warm front inched away northward so the rain eased off by mid morning on the 2nd leaving us with a cloudy afternoon before further rain, drizzle and fog rolled in that evening, clearing mid morning on the 3rd.

That high over the UK had by now displaced eastward to centre over Norway, allowing that shallow low to edge in to the Bristol Channel with a line of weather running north/south down the Irish Sea bringing cloudier conditions to much of Ireland and the western side of the UK. Locally moderate southerly winds veered in to the northwest by day's end on the 3rd as that weak system slipped eastward but it wasn't until mid morning on the 4th that we started to see any brightness. Pressure was now starting to build nicely up from the Azores by the 4th with just the odd residual shower but with our winds now sourcing from a cooler, more northeasterly direction temperatures started to fall away with just 6.7°C reached on the 7th.

That Azores high continued its progress eastward, moving over the North Sea allowing our winds to veer east then southeast as we moved in to the 8th. Initially cold air from nearby France kept our air temperatures low but milder air ahead of an Atlantic low out to the west started to infiltrate the general flow and by evening we were enjoying near-double figures once more, albeit it with cloudier conditions with outbreaks of mainly light rain. The rain was courtesy of a front driving in across the UK in association with another low sweeping up over Scotland but by dawn on the 9th it was well to the east of us allowing a bright morning, but with a fresh southeasterly breeze.

Unfortunately the next system was just over the horizon bringing further rain to our shores later that afternoon and into the evening, clearing by the small hours of the 10th. This rather unsettled theme continued with patchy light rain that afternoon and again later that evening before a more general period of frontal

rainfall arrived just after 0300hrs on the 11th. Surface winds increased too, from the southeast before veering south to southwest early afternoon as the rain cleared through with a rash of showers running up the Channel. By dawn on the 12th most of the showers were passing to the west of us and we enjoyed a pleasant day in the Bailiwick with air temperatures up to 11.7°C and 7.7 hours of sunshine.

With high pressure slow moving over Central Europe and a series of low pressure systems out in the Atlantic we remained in a fairly fresh southerly flow but cloud began to thicken later on the 12th as fronts nudged into the Channel Approaches. The first of these arrived around 2030hrs that evening with a spell of rain which cleared away eastward by the early hours of the 13th to leave us with a fair day with just a scattering of mostly light rain showers. Low pressure had by now centred off the west coast of Scotland and started to fill, allowing a weak front to stretch up from Biscay to bring a spell of rain across the Bailiwick through the small hours of the 14th, again clearing by the morning with just a few residual showers around noon.



Extensive *Altocumulus* to the west late afternoon on the 15th. Photo credit James Wilson

A glance at the European weather charts showed extensive and complex low pressure covering much of the area, as well as further low pressure over the North Atlantic. Cloudy but dry conditions prevailed locally however, until just after dawn on the 16th when an area of low pressure in Biscay extended a weakening front into the Channel with rain arriving in the Bailiwick around 0800hrs becoming persistent and heavier through the day, together with mist and hill fog patches, before clearing around 1530hrs that afternoon.

Rather unusually it was noticed that there was a reddish-brown deposit in the precipitation along with a similar coloured tint in the sky through the day. Sahara Dust had been drawn up into the atmosphere over North Africa and the winds aloft had carried it northward to mix in with the precipitation falling over much of Europe, the Channel and Southern England. It was also noticed that showers off the coast of the island later that day also had a reddish-brown tint.



Showers off the island's coast with Sahara Dust tint on the 16th. Photo credit Laura Johns

Following the clearance eastward of this system and accompanying fronts, pressure started to build nicely from the southwest with brighter and drier conditions in prospect as our winds veered in to the east. That high pressure cell continued to intensify over the next couple of days as it drifted northeast to be centred over the North Sea by the 19th. A shallow low over Belgium trailed a band of medium level cloud in to the Channel on the 20th and 21st limiting our sunshine at times but this feature fizzled out as it drifted north as that high, now over Eastern Europe, reasserted its influence across much of the continent.

Temperatures started to pick up nicely too as that high drifted back towards the UK, locally up to 16°C on the 24th as we enjoyed this dry, settled run of weather. Indeed this quiet spell lasted up to the end of the 27th as that high sat atop the UK with a dry easterly flow covering the islands.

The 28th dawned cloudy and hazy though, as a showery trough pushed up from the south but it wasn't until the evening that we saw any precipitation in the islands. The bulk of the rain actually passed out to the west of the Bailiwick that evening with just a scattering of light rain showers which had cleared northward in the small hours of the 29th and again we noted a Saharan Dust deposit in these showers. The rest of the 29th was cloudy with mist & haze with a few light showers through the afternoon, and temperatures still above average for late March.

A very marked change was in the offing however, as a cold plunge of Arctic air was being drawn down across the UK in association with low pressure over Norway and high pressure over Iceland. Sleet and snow started to fall over higher ground across many parts of the country as temperatures fell rapidly to low single figures. Locally we remained mild but cloudy through the 30th but it was overnight in to the last day of the month that we saw our air temperatures fall away with just 3.9°C around dawn on the 31st.

Rain started falling just after 0500hrs that morning but as temperatures continued to fall away this turned to sleet by 0820hrs before clearing to the south shortly afterwards. Clearer skies followed but by afternoon a rash of wintry showers with snow & hail mixed in built up in the Channel with fresh to strong northerly winds.

March ended on a cool note with just 2.2°C recorded late evening on the 31st, but overall the month was 1.3°C warmer than the long term average making it the warmest March for 5 years and the 6th warmest since records began in 1843. A fine & dry 10 day spell from the 17th helped us to the sunniest March for 10 years and just 60% of the average rain fell through the month, 92% of that in the first 2 weeks.

April

Cool, bright conditions saw the new month in as high pressure just out to the west of Ireland combined with extensive low pressure over Central and Southern Europe, to encourage a rather cold northerly flow down across the UK. Despite plenty of sunshine daytime air temperatures just about made 8°C, falling away to just 3°C overnight and ground temperatures dipping just below freezing.

By dawn on the 3rd that high had extended its influence eastward, with a resulting northeasterly flow becoming established along the English Channel. A scattering of wintry showers fell across the Bailiwick just after 0700hrs before clearing away to the southwest as air temperatures hovered around the +2°C mark.



Rain & snow showers falling from *Cumulus Congestus* at Guernsey Airport shortly after dawn on the 3rd.

Gradually that high over the UK slipped away to the southwest as milder Atlantic air pushed in from the northwest in association with a low pressure system centred to the northwest of Scotland. Bands of rain, preceded by snow over higher ground, tracked south across the country reaching our shores by 0800hrs on the 4th. Temperatures picked up to 8°C but lowering cloud swiftly brought outbreaks of rain and drizzle that morning and it became misty too, with hill fog through the afternoon before clearing later that evening.

With low pressure across the UK we ran in to a more unsettled but milder spell of weather on from the 4th with westerly winds, strong at times, fair to cloudy skies with occasional outbreaks of mostly light rain or drizzle and temperatures picking up to more seasonable values. By the early hours of the 7th that low had deepened and moved eastward over the North Sea with colder air starting to drop down across the country but of more interest to us was a swathe of rain pushing up from Biscay. Meteo France named this feature Storm 'Diego' as it looked to track east across central France. We clipped the northern periphery of the system with only light to moderate easterly winds but it did drop some 17mm of rain across the islands between 0400hrs and noon on the 8th before clearing to scattered showers that evening. Again, colder air followed on behind 'Diego' as it edged away into Central Europe and our temperatures briefly fell away overnight before pressure started to build from the southwest for the 9th.

Fine, dry and settled conditions prevailed under this ridge over the weekend although extensive high cloud on the 10th took the edge off our temperatures. That high cloud was the leading edge of a large and complex low pressure system out in the near Atlantic and so between this feature and the departing high to the east we started to see much warmer air being drawn up from the south. A rash of showers within this flow pushed north in to the Channel through the early hours of the 12th with a brief thunderstorm rolling over the islands about 0100hrs. This rather cloudy airflow with scattered showers continued on through the day as that shallow low to the west gradually nudged its fronts up across the UK.

As this system cleared away to the northeast so pressure began to build from the southwest and with clearing skies and light, moist westerly winds by day's end on the 13th we started to see extensive shallow fog forming across the island. By dawn on the 14th it started to lift and burn off to leave a pleasant day in the islands with excellent visibility but with increasing high cloud through the afternoon.

The low now over Ireland by now had filled with just a weakening band of cloud stretching up across western parts of the UK, leaving the islands in a slack airflow. Fog and low cloud began to form shortly after sunrise on the 15th becoming extensive through the morning before burning back to the coasts around the higher parishes but lingering inland across lower lying areas. That fog rolled back in across all parts of the Bailiwick later that evening but overnight saw a drier east to southeasterly flow become established, with the 16th dawning clear and becoming increasingly warm through the day. We topped out at 19.1°C at the airport around mid afternoon and with 13.1 hours of sunshine the 16th was easily the most pleasant day of the year to date.

High pressure over Denmark was responsible for this drier, warmer flow as it extended a ridge southwest in to the Channel. Weak fronts out to the west stalled as they ran up against this high but by late on the 17th some light patchy drizzle was noted as those weak fronts edged their way eastward across the UK before clearing in the early hours of the 18th. That high over Denmark was still an influencer, however, and our easterly flow returned by the 20th bringing with it brighter, drier conditions once more albeit with slightly disappointing air temperatures.

The eternal dance of pressure systems continued though with that high over Denmark drifting northwest and low pressure beginning to deepen over Spain. The resulting easterly airflow maintained the dry run of weather with generally fair or fine conditions but gradually those winds started to ramp up and by mid morning on the 22nd we had a solid Force 4/5 gusting over 30mph but slightly higher around Alderney. That low was starting to make progress northward by dawn on the 23rd, still with those fresh east to northeast winds but also with increasing cloud across the islands. Showers over Brittany crept ever northward too with the first recordable rain since the 12th falling just before midnight, with a scattering of heavier showers recorded through the early hours of the 24th before clearing later that morning.

Extensive blocking high pressure centred over Iceland slowed any further northward progress of that low over France, and so with clearing skies but still that nagging northeaster the next few days saw dry but breezy conditions with plenty of sunshine. Air temperatures remained slightly disappointing though with daytime maximums barely topping out in the low to mid teens and night time minimums dipping to around 7°C.

Further showers developed over mainland France late on the 27th with an extensive cloud shield stretching up into the Channel producing a couple of days with hazy sunshine, still those slightly cooler air temperatures and moderate to fresh northeasterly winds. The 29th saw a brief break in the high cloud before spilling in again late afternoon, still keeping those moderate northeasterly winds and slightly cooler temperatures. The cloud remained through the 30th, gradually lowering to produce a few spots of rain to end the month.

Overall, April was slightly warmer and drier than the long term average. The period between the 6th and 8th of April contributed just under 74% of April's total rainfall, with 90% of the month's rainfall having fallen by day 12. Despite the month being 0.4°C warmer than the long term average, the highest maximum temperature for the month only reached 19.1°C on 16th, making it April's coolest maximum daytime temperature for 5 years.

May

The month started off on a rather cloudy note, as the high pressure that had extended over the UK at the end of April was now moving away to the southwest, allowing a small area of low pressure to push into the northwest of the country. Fronts associated with this system moved southwards across the UK bringing much needed rainfall, arriving in the islands by early evening. Winds were light and variable during the day, allowing a welcome respite from the persistent northeasterly winds of April. This brief milder flow allowed temperatures to increase to 15°C before quickly falling away as the winds returned to the northeast. The light rain of the evening became persistent overnight into the 2nd, clearing by dawn as the associated fronts moved away to the southeast with cloud gradually clearing by early afternoon. Extensive medium cloud returned by the evening of the 2nd and remained overnight, pushing in from the northwest but helping to keep the night time temperatures from dropping below 9.5°C.

Visibility early on the 3rd was reduced by mist, turning to widespread haze across the islands until early afternoon before returning again in the evening. Weak fronts in association with another shallow area of low pressure to the northwest of the UK saw widespread showers affecting the country, but as the Azores high began to extend northeastwards the islands remained dry. Overnight into the 4th, skies were clear and winds were light, allowing the grass temperature to drop to just 2.3°C by dawn.

As that high pressure continued to nudge northeast, our winds backed to a moister westerly airflow, allowing widespread fog to form just before sunrise on the 4th. This fog pushed back to the coasts for the remainder of the morning, briefly returning as patches of hill fog a little later before dissipating during the afternoon. The resulting visibility improved until the wind backed to a more southwesterly direction, with low stratus forming a cap of cloud over the southern end of the island later that evening.

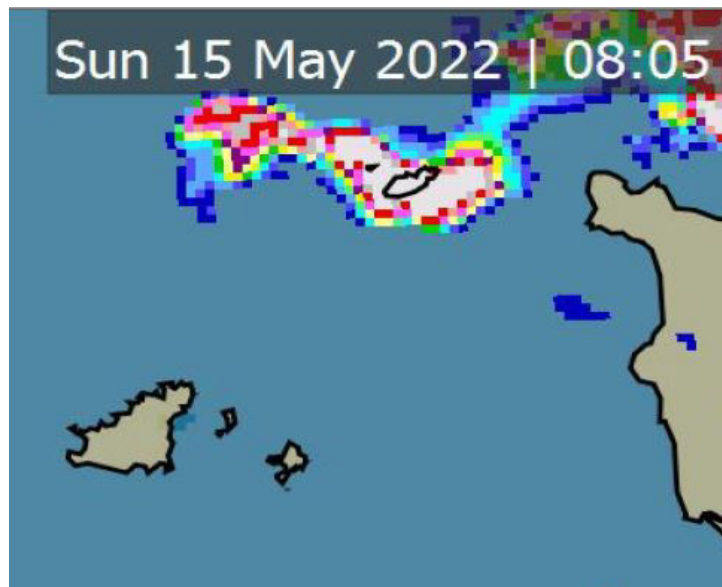
High pressure continued to build from the southwest into the 5th. The wind once again veered to the northwest, clearing the stratus from late on the 4th. Coastal fog drifting down the channel briefly clipped the island late morning, whilst Alderney had low cloud capping the airfield before clearing mid morning. Extensive high level cloud pushed in from the west during the afternoon, before clearing by evening. The 6th saw a continuation of the moist northwest airflow present since the 4th, keeping the low cloud that's been a feature of the last couple of mornings, starting off with early morning mist which cleared swiftly through the first half of the morning. The low cloud stuck around through the afternoon before clearing away to reveal extensive high level cloud pushing in from the northwest as fronts edged south and east across the UK associated with a low pressure centered east off Iceland. Although rain fell across the UK, the fronts had weakened sufficiently by the time they'd reached the Channel that we enjoyed another dry day.

The 7th and 8th were very similar as high pressure had established itself over the UK. Both days began with fog in the early morning, clearing to a fine and sunny day. Winds from the northwest on the 7th drew in slightly milder air than the northeast winds of the 8th, allowing temperatures to be a degree or so warmer.

By the 9th, the high pressure that had extended over the UK was now starting to drift further northeast over Scandinavia, allowing fronts from the Atlantic to once again extend over the islands. Extensive high cloud arrived on the morning of the 9th, whilst the wind veered from the northeast to a warmer southeast flow, drawing warm, dry air in from the continent. As a result our temperature reached 20.7°C early that afternoon, the warmest day of the year so far and also joint warmest Liberation Day with 1987. Overnight into 10th, the high pressure slipped further away into Eastern Europe, allowing low pressure systems to once again approach the northwest of the UK. Winds veered to the southwest, introducing low cloud and misty conditions ahead of a front approaching from the west. Rainfall amounts were still disappointing though, with only a few spots of light rain arriving in the islands by mid morning. The low cloud cleared by early afternoon with extensive high cloud moving away to the east by evening as those fronts cleared through the islands. With the wind still from the south west the night into the 11th was mild with temperatures only dipping to 10.9°C.

Through the morning of the 11th, the next low pressure system began to deepen to the southwest of the UK, tracking over southern parts of the British Isles. Cloud increased through the morning with the moderate south to southwest winds increasing steadily fresh to strong by early afternoon. The rain arrived shortly after 1300 GMT before clearing away by mid afternoon. Following the clearance winds veered west to northwest and eased down to a moderate breeze. By the 12th high pressure was once again starting to build from the south. High level cloud cleared away to leave a fine afternoon in the islands continuing as the winds backed more westerly and decreased to light by evening on the 13th.

By the 14th, the high pressure that had extended over the UK was starting to drift eastwards over Denmark. Extensive high cloud pushed up from the south from late morning and by evening warm, unstable air from the south sparked off a rash of thunderstorms in the Channel stretching up to the UK south coast. Lightning could be seen through the late evening and into the 15th as these thunderstorms passed by the west coast. Medium level instability continued through the 15th, this time to the east in the early hours of the morning. An isolated heavy shower developed to the south of the island shortly before 0620 GMT and although just a trace of rain was recorded at the airport, there were reports of heavy rain in St Peter Port as that shower tracked north across eastern parts of the island. By 0650 GMT the showers had developed into a thunderstorm south of Alderney, with thunder, lightning and heavy rainfall observed shortly after 0700 GMT in the northern isle.



A lively thunderstorm over Alderney around 0800hrs on the 15th. Radar image by kind permission from Jersey Met Office.

This warm unstable airflow meant temperatures were well above average too, reaching 21.9°C late afternoon. Further isolated showers tracked off the east coast during the evening, whilst thunderstorms in the Channel passed by the west coast, with lightning observed by 1930 GMT.

Low pressure out to the southwest was by now starting to have more influence on our weather as it edged northward, extending a series of weak fronts across the UK. A plume of warmer air pulled up from the south saw our air temperatures topping out at 23.8°C on the 17th, the highest temperature of the year so far. Generally fair conditions with the odd passing shower, early morning mist or fog patches and above average air temperatures continued for a couple of days as that low slowed to a halt to the west of Ireland. Pressure started to build across the southern half of the UK by the 19th, effectively replacing that warm air with a slightly cooler, fresher flow off the Atlantic.

Having managed to dodge many of the heavier showers earlier in the month a line of showers now rolled over the islands from late evening and overnight in to the 23rd. Whilst only 6.2mm was recorded at the airport it was the wettest day for some 6 weeks and a welcome drop of rain for our parched gardens. The Azores High was by now pushing in from the southwest and with low pressure to the north of Scotland, a cooler, westerly flow covered much of the UK with a few scattered light rain showers locally overnight in to the 24th. A further low swept in from the west for the 25th with bands of rain sweeping eastward across the UK, but with a nose of high pressure still covering northern and central parts of France, those weather fronts rather fizzled out with only a few spots of rain or drizzle falling locally. A clearing cold front dropped south across the Channel by late morning on the 27th allowing the skies to clear and pressure to once again build in behind this clearance with a dry, bright but rather cool weekend. Plenty of sunshine was on offer for the 28th & 29th with light to moderate easterly winds that backed in to the north by late on the 29th, but overnight air temperatures fell to single figures both nights, with just 1.9°C measured on the grass by dawn on the 30th.

An area of slack low pressure gradually replaced that high over the UK with a scattering of light rain showers across the islands around mid morning on the 31st as the winds settled in to the west to close out the last month of Spring.

This month will probably be best remembered for its lack of rain with just over half an inch (12.7mm) recorded at the airport; nearly half of that falling overnight on the 22nd. With just over a quarter of the monthly average recorded then it was the driest May since 1998 and with just 650.0mm for the 12 month period ending 31st May, the 2nd lowest total for that period for 25 years. May was also sunnier than average continuing a trend of sunnier than average May months for the last 4 out of 5 years. With high pressure the dominant feature through most of the month we noted the 2nd highest mean sea level pressure (1020.3hPa) for 31 years, and with a mean monthly temperature of 13.4°C it was also the warmest May since 2008 and the 2nd warmest since 1989.

Spring ended up warmer, drier and sunnier than average being the 2nd sunniest and 2nd driest since 1997. It was also the 3rd equal warmest Spring (with 2011 & 2017) since our records began in 1843.

June

With low pressure off the Iberian Peninsular and slack high pressure in the North Atlantic the UK enjoyed rather benign conditions to start the meteorological summer, with just a scattering of light showers across the British Isles. Locally clear skies and light northerly winds yielded plenty of sunshine but rather cool air temperatures with ground temperatures by dawn on the 1st down to just 1.7°C, the lowest June reading for 16 years.

The European weather pattern was moving only very slowly, with the next day or so seeing little change across the Bailiwick but by late afternoon on the 3rd a rash of slow moving showers started to break away from Brittany with increasing warmth and humidity helping reduce visibility at times. Further showers late evening on the 4th turned thundery with some lively storms passing over the islands providing us with some much needed rainfall. A total of 9.5mm of rain was noted by midnight, the highest daily total for nearly 2 months, but by dawn on the 5th our winds had swung in to the southwest with patchy drizzle, hill fog and mist lying across the islands. Conditions improved slowly through the morning with brighter spells by noon but a further band of mostly light rain rolled in mid afternoon before clearing to the northeast with a fine evening to close out the day.

Slack low pressure stretching up from Biscay, through the Channel and in to the North Sea kept things changeable over the next few days with patchy rain and drizzle at times, together with mist and hill fog affecting the higher parishes. That low pressure daisy chain gradually deepened by the 8th though with freshening westerly winds but with the bulk of the rain staying to the north we saw only rather small precipitation totals. Flat ridge conditions on the 9th gave way to further weak fronts that evening in association with the next low out to the northwest of Ireland, formerly tropical storm 'A/lex', with drizzle, mist and hill fog which cleared only slowly the following morning. This particular system became slow moving off the northwest coast of the UK, gradually filling and easing away north and east to allow a ridge to stretch in from the southwest, bringing us a dry, bright and gradually warming few days with excellent visibility.



Excellent visibility and clear skies produced a lovely sunset on the 13th, followed by a rare 'Green Flash' Photo credit James Wilson.

By the 14th that high was saddled right the way across the UK with all parts of the country enjoying warm, settled weather and light winds.

The islands then enjoyed a dry, bright and increasing warm spell of weather for the next few days and by the 17th that high had slipped eastward enough to allow a very warm plume of air to push up from Spain, across France and in to the Channel. Temperatures on the 17th reached 28.9°C at Guernsey Airport, the 7th highest June temperature recorded there. Jersey reached a sweltering 33.1°C at Maison St Louis in St Helier, their highest June temperature since records began in 1894, and the Met Station in Sark recorded a maximum of 30.5°C, also their highest June temperature on record.

As that high continued to transfer east, a deepening Atlantic low rolled in from the west effectively shutting off that very warm air stretching up from the south, with cloud, rain and strengthening southwest winds sweeping in across northern and western parts of the UK. The associated cold front dropped down across the country to arrive in the Channel through the 18th with air temperatures falling some 10°C as that cooler airmass made its presence felt. A scattering of showers that evening and overnight yielded the first notable rainfall in over a week, and by dawn on the 19th our air temperatures had dropped away to just 11.3°C.

A glance at the European charts showed a very unsettled look to our weather with cooler, showery weather covering much of the UK, but much warmer, though still unsettled conditions, to the south. These two air masses converged along the English Channel with cloud and a rash of showers across the Bailiwick until early on the 20th when that band of cloud and rain gradually slipped away to the south. Clearing skies lead to a couple of dry days with a run of light northeasterly winds but that front to the south returned northward by dawn on the 23rd, again with cloud and a scattering of showers to mark its passage.

Low pressure off the west coast of Ireland was now starting to become the main influencer of our weather, slow moving, but dragging a series of fronts in to the Southwest Approaches. The first of these arrived by dawn on the 24th with patchy rain and drizzle, clearing briefly before further rain, mist and hill fog arrived for the afternoon but clearing into the evening. Post-frontal, we were left with a showery flow as that low intensified slightly, with a series of troughs running up from the southwest across the country.

Despite the close proximity of this low the weather across the islands was fairly benign over the next few days with generally fair conditions and just the odd passing shower. Temperatures held up around the seasonal average and there was plenty of sunshine on offer.

As that low off Ireland finally started to move away northeast pressure briefly built across Biscay and into the Channel late on the 27th. A further low swept in from the Atlantic during the 28th with a weakening front clearing the Bailiwick overnight in to the 29th with a more organised band of showers edging up from the southwest that afternoon, again clearing later that evening.

The last day of the month saw a further scattering of showers in the morning but plenty of brightness and temperatures in the mid to high teens.

A pleasant year at the halfway point then, with every month so far warmer than average, all but February drier than average and only January duller than average.

June was another drier, warmer and sunnier than average month being the driest for 3 years, sunniest for 7 years and the 5th warmest on record since 1843. The maximum air temperature on the 17th (28.9°C) was the 7th highest June temperature recorded at the airport but the grass minimum on the 1st of just 1.7°C was the lowest June ground figure since 2006. It is also interesting to note that the 12 month rainfall total to 30th June was just 636.3mm, the lowest total for this period for 30 years.

July

Shallow low pressure to the south of Iceland and high pressure over Biscay and France fed a cooler than average, bright but showery southwesterly airflow across the British Isles to start the month. With the bulk of any frontal activity confined to the UK mainland for the first few days of July we didn't see any appreciable rainfall amounts from any of these showers. Pressure began to build further from the southwest by the 4th but with the winds still Atlantic based, temperatures were a tad disappointing although sunshine was quite plentiful.

Overnight on the 5th and 6th keen observers may have noticed Noctilucent Clouds (Night Shining Cloud) to the north of the islands. This phenomenon is most often seen at this time of year and consists of high cloud formations up in the Mesosphere at about 250,000 – 280,000ft. They are generally only spotted an hour or two after sunset or before sunrise as they are too tenuous to be seen during the day.



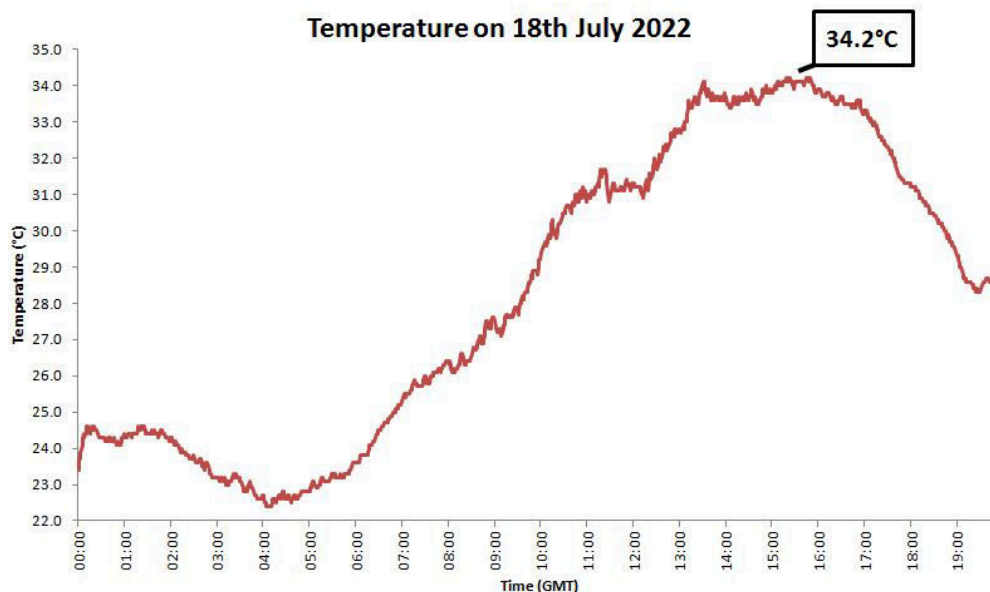
Stunning *Noctilucent* cloud about 2 hours before dawn on the 6th July. Credit Adam Heaume.

Gradually that high edged up across the UK allowing our winds to veer in to the north then northeast by the 6th whereupon we started to see air temperatures climb in to the low 20's. A weak front toppled down across the UK through the 7th bringing an extensive cloud shield in across the islands shortly after dawn, clearing only later that evening.

Clear skies followed this clearance and temperatures continued their steady climb through the 8th & 9th as that high across the UK continued its dominance. As our winds veered in to the east then southeast so much warmer air started to draw up from nearby France with temperatures locally increasing day on day until the 12th when we peaked at 30.4°C just before 5pm up at the airport. An upper trough dropped south across the Channel later that evening, veering the winds in to the west with a welcome drop in temperatures to just 19.3°C by midnight. Cooler and less oppressive conditions prevailed through the 13th with some impressive medium and high level cloud formations together with late evening optical phenomena just prior to sunset.

By dawn on the 14th we had returned to clear skies but with the winds still just west of north temperatures remained in the low 20's as high pressure continued its dominance across the British Isles. Gradually though, that high slipped eastward allowing our winds to come in from the east allowing warmer air in off the nearby continent. Daytime temperatures rose steadily over the next few days and by the 17th very warm air was being pulled in on a moderate southeasterly breeze as once again we hit the 30°C mark.

The 18th saw the peak of this spell of hot weather, with that high now centred over Central and Eastern Europe drawing up increasingly warmer air from the south. Locally we made 34.2°C late that afternoon, the highest July temperature on record and the 2nd highest temperature recorded officially in Guernsey since 1843. The observatory in Sark recorded 34.6°C, their highest temperature at that station since their records began some 20 years ago and Jersey's Maison St Louis reached 37.9°C, the highest recorded temperature since their records began. The UK, Wales and Scotland also all broke previous highest temperatures with 40.3°C at Coningsby, Lincolnshire; 37.1°C at Hawarden, Flintshire and 34.8°C at Charterhall on the Scottish Borders.



Guernsey Airport Air Temperature graph for the 18th July.

A warm night was to follow with 30°C at midnight but cooler, fresher air was not too far away to the southwest and by 0800hrs on the 19th we were enjoying just 19°C. A thundery trough rolling in from the Atlantic heralded this much welcome drop in temperatures giving us a few rumbles and flashes later that morning but unfortunately precious little rainfall.

Slow moving low pressure just to the south of Iceland was responsible for this change in airflow as it moved eastward allowing pressure to build once more from the west. Cooler northwesterly winds kept temperatures pegged in the low 20's with a tad more cloud in the general circulation. The high stretched up across the UK over the next few days, then transferred northeast to allow a series of weak fronts to push in across the country by the 23rd. A flat ridge kept the bulk of the weather to the north of the Channel and we remained dry until late on the 24th when a series of weakening fronts dropped down across the Bailiwick with a scattering of showers overnight and in to the morning of the 25th.

Once again pressure built following the passage of these fronts as our winds veered in to the northwest with excellent visibility across the islands. Generally fair conditions with light winds then prevailed but with temperatures a little below average for late July. Light winds and clear skies overnight lead to some early morning fog by dawn on the 29th, but this burnt off quite readily to leave another fine day in the islands with air temperatures making 24°C. The last couple of days of July yielded just over 2.5 hours of sun as we ended the month on a murky note with an Atlantic warm front drawing in much damper air with outbreaks of mostly light drizzle, mist and fog patches.

July was an extraordinary month for both temperature and rainfall, or lack thereof, breaking a number of records. The 18th saw 34.2°C, the highest July temperature on record (since 1843) and the 2nd highest temperature officially recorded in the island. We also noted 4 days with 30°C or higher, the most occasions for any month on record. With a mean temperature of 18.7°C this was the warmest month since July 2006 and we also noted the warmest night on the 18th for 16 years. We also set a new mean daily range temperature record of 8.0°C for July.

With just 1.4mm of rain for the month this was the driest July on record, the driest month since June 1976 and the 6th driest month since our records began. The only completely dry month we've noted was June 1925. By comparison June 1976 yielded just 0.6mm of rainfall. From the start of this year to July 31st we have recorded 267.2mm of rain; the 30 year average is 425.0mm. For the same period in 1976 we recorded just 174.2mm.

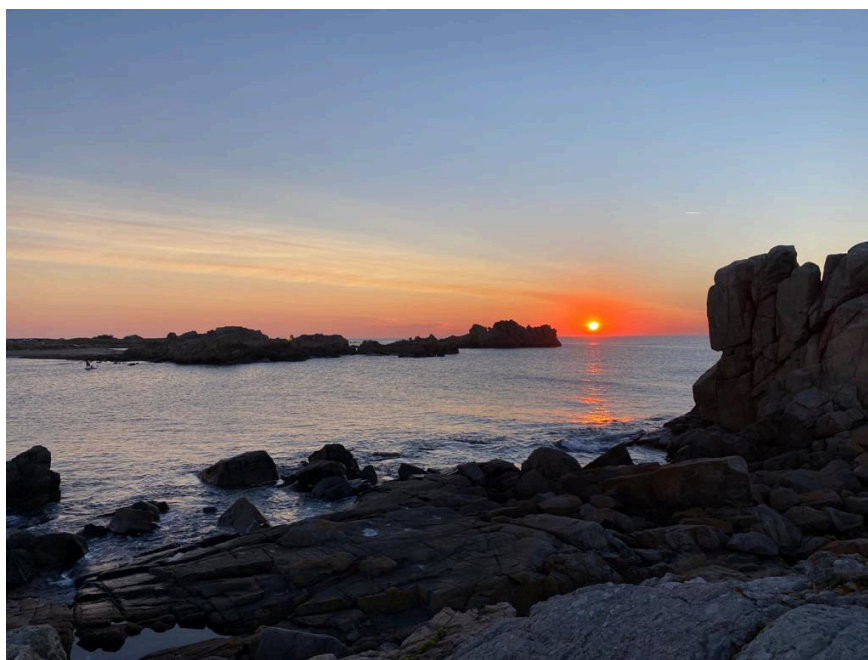
This was the sunniest month since May 2020 and with 15.4 hours on the 10th this was the equal sunniest July day with the same date in 1987. The 12 month period ending 31st July was the 3rd sunniest such period on record at the airport.

We also noted the least amount of days of fog for July, just 2 and the equal highest air pressure of 1034.5hPa recorded on the 8th. It was also the least windy month of the year so far.

August

High pressure extending up from the Azores combined with a series of Atlantic low pressure systems sweeping across northern and central parts of the British Isles started the last month of summer, and with this more moist, southwesterly flow across the Bailiwick, thickening cloud though the 1st lowered to bring extensive hill fog across the higher parishes through the morning of the 2nd. This fog reluctantly cleared back to the coasts through the day, only to return that evening and it was thick enough at times to produce some patchy drizzle.

Gradually though, that high slipped away to the east allowing those weakened Atlantic fronts to drop down across the UK with high pressure building in once more from the west, replacing that damp southwest flow with a drier, fresher northwesterly breeze with much improved visibility by dawn on the 4th.



Spectacular sunset on the 11th from Port Soif, one of many enjoyed this month. Credit Adam Heaume

That high became the dominant feature through the next week or so, centred just off the southwest coast of Ireland whilst extending its influence eastward across the UK. Fine, dry and increasingly warmer conditions were enjoyed locally, and as our winds gradually veered in to the northeast, east then southeast we started to see a repeat of a similar pattern experienced last month with very warm continental air being drawn up over the islands. Air temperatures climbed steadily day on day, peaking during the early afternoon of the 13th at 32.2°C.

Thundery low pressure covering France and Biscay was starting to push some heavy showers in our direction by now, with increasing amounts of medium and high cloud just taking the edge off our sunshine later that

afternoon. A subtle backing of our winds mid afternoon dropped air temperatures by some 8°C by evening but those threatening showers stayed away from the islands. The 14th saw extensive medium and high cloud covering the Channel and with our winds veering in to the southwest temperatures started to drop away in to the high teens by day's end. Increasing moisture levels with this more Atlantic flow lead to thickening fog later that evening which cleared only slowly through the following day.

That high pressure was by now centred over Central Europe, with shallow low pressure slow moving out in the Bay of Biscay. A feed of much needed lively showers arrived overnight in to the 16th lasting through the morning before clearing that afternoon but a slack, damp airflow remained across Northern France, the Channel and Southern UK with fog forming later that evening, becoming extensive overnight before gradually clearing through the morning of the 17th.

An unusually deep low in the North Atlantic began to influence the UK weather by the 18th as it introduced freshening winds together with bands of much needed rain across the country. The arrival locally of the leading warm front late evening on the 18th brought thickening low cloud, mist and hill fog as well as occasional patchy drizzle overnight. The clearing cold front went through around mid morning the following day with plenty of sunshine and warm temperatures that afternoon. We enjoyed a brief ridge with clear, dry conditions for a day or so but the charts were looking a tad more unsettled with shallow low pressure in Biscay slowly edging up towards us with a promise of some showery rain later on the 21st.

Unfortunately the showers didn't amount to much but a run of damper Atlantic air with a series of weak fronts was starting to establish across the UK with lowering cloud producing mist, some rain & drizzle and patchy hill fog across the islands for the 22nd & 23rd but again rainfall totals remained small. Extensive sea fog rolled in across the island through the afternoon of the 24th, gradually creeping in from the northwest, but clearing later that evening. A lively cold front slid in from the west that night with a few flashes of lightning and distant rumbles around the islands with periods of heavy rain, mostly clearing by mid morning on the 25th. Some 8.6mm of rain (approx 1/3 inch) was recorded making it the wettest day locally since 4th June. Jersey was hit by more substantial showers, heavy and thundery through that night with just under 30mm of rain recorded by the morning.

Cooler, clearer conditions greeted the new day as yet another ridge from the Azores pushed up from the southwest following the clearance of that front to the east, with our winds veering in to the northwest. Pressure continued to build for the next few days as that high moved slowly across the country and as it did, so our winds continued to veer round, becoming northeasterly by the 27th and freshening too.

This northeaster increased slowly over the next few days, pegging air temperatures back to the low 20°C's by day but helping to keep night time figures in the high teens. Conditions remained dry and bright though, although patchy high cloud made the sunshine hazy at times.

That high pressure continued its dominance across the UK and Channel for the last few days of the month although that nagging northeaster perhaps just took the shine off the Bank Holiday weekend.

Another record breaking month with a mean monthly temperature of 19.3°C just pipping the previous warmest August of 2003 by a few fractions of a degree. A top temperature of 32.2°C on the 13th was the highest August temperature for 19 years, and that night saw temperatures fall to just 19.6°C, equal warmest night temperature, again for 19 years. It was another dry month with about a third of the average rain recorded and just under half of that fell during the early hours of the 25th. This was the driest August since 2003 and the 12 month rainfall total ending 31st August was the lowest for that period since 1989.

Sunshine was also up on the average being the sunniest for 6 years and that 12 month period ending 31st August was the sunniest such period since 1990. Despite all that sunshine we managed to record some 41.5

hours of fog through the month, that's the highest number of hours for this month since 1997 and we also noted the lowest August mean wind speed for 9 years.

Summer 2022 ended up being the warmest since our records began back in 1843. A mean temperature across the 3 months of 18.0°C trumped the previous warmest in 2003 at 17.8°C and that of 1976 at 17.5°C. Prior to this summer we had noted 15 occasions since 1947 (when airport records began) of air temperatures reaching or exceeding 30°C. This summer saw that number increase to 20 as we achieved this benchmark on 5 occasions; 4 in July and once in August. This summer was also the sunniest for 6 years and the driest since 1989.

September

The change in to meteorological autumn also brought about a change in the weather, with an end to the dry conditions seen through much of the summer months. Low pressure sitting in the Bay of Biscay provided the islands with a showery airflow and much needed rainfall, with 3.5mm of rainfall mostly falling in heavy showers during the evening of the 1st. This low pressure then combined with an area of low pressure to the west of Ireland to become the dominant weather pattern, with fronts extended high cloud throughout the weekend of the 3rd and 4th before finally reaching the islands as showers late on the 4th. There was little rainfall on these days until an active cold front arrived with a bang in the late afternoon of the 5th. 3.5mm of rainfall fell in as many minutes as a thunderstorm travelled up the west coast.



Extensive high cloud produced a solar halo on the 3rd. Credit Laura Davison.

The unsettled theme continued into the 6th and 7th, with the area of low pressure still stationary to the west of the UK and drawing up showers from the south in an unstable airflow. Showers were heavy at times and produced 9.8mm of rainfall in the six hours up to midnight on the 7th. There was no let up through the day on the 7th as showers once again turned thundery, with a thunderstorm reported by mid afternoon.

By the 8th the low pressure was starting to fill in and move eastwards across the southern half of the UK. As the low pressure passed north of the islands the wind strengthened, leading to a blustery day before decreasing back down by the 9th. The low pressure, now sitting in the North Sea, was filling in by the 9th, and allowing the wind to steadily decrease through the day. A weak occluded front introduced extensive high cloud through the day into the 11th before clearing through by the afternoon to give long spells of sunshine.

Summer briefly returned on the 12th as an area of low pressure crossing northern Scotland began to draw up warm continental air from the south, with temperatures climbing to 25.8°C as a result. Skies were cloudy once again though with unstable air producing light showers by late afternoon. There was no let up of the warm temperatures overnight as the easterly winds persisted in to the 13th and produced an overnight maximum temperature of 24.5°C. There were further showers from medium level cloud throughout the 13th, before an organised band of thunderstorms developed just north of the islands by the early hours of the 14th. Frequent thunder and lightning were observed in the early hours, although the island remained largely dry. In direct contrast, as the thunderstorms moved very slowly northwards, Alderney was hit with heavy rain and frequent lightning for several hours and by morning there were reports of localised flooding in some areas.

As high pressure began to build in the northern Atlantic and extend its reach eastwards across the UK, the wind backed to a more northerly direction. Excellent visibility with the light northerly winds prevailed on the 15th, 16th, and 17th, with only a small amount of cloud to break up the September sunshine. This had a knock on effect to temperatures, keeping day time maximums to the mid to high teens throughout the period. Under clear skies the night time temperature dropped to just 10.6°C with the grass temperature following suit, falling away to just 2.5°C overnight on the 16th. These low overnight temperatures helped to keep the mean temperature well below average for the time of year, and were a stark contrast to the highs of the start of the week.



Shelf cloud observed during a thunderstorm on the 5th. Credit Adam Heaume.

The 18th and 19th were very similar with light northerly winds and clear skies as high pressure was dominant over the UK. High cloud punctuated the sunshine in the afternoons on both the 20th and 21st, clearing away by evening. The high pressure had extended further south and east into central Europe by the 22nd, allowing fronts to start approaching the islands once again from the Atlantic. High cloud extended from the west to become extensive early on the 22nd ahead of a cold front bringing rain just before midnight on the 23rd. The rain was persistent and at times heavy until midday on the 23rd, with 21.4mm of rain recorded in this period. More rainfall was recorded in these 12 hours than in the entire month of August, and it was the wettest day since 13th February 2022.

High pressure in the Atlantic began to build again behind the low pressure to bring a dry and settled weekend through the 24th and 25th. Skies were only marked with fair weather cumulus clouds and light northerly winds helped to keep the temperature feeling fresh, with an average maximum temperature of 16.5°C over the two days. More extensive higher cloud built in on the afternoon of the 25th ahead of a cold front arriving overnight into the 26th. As the front approached, the wind veered to a fresh westerly breeze with rain arriving before dawn and clearing by midday. Behind the cold front winds veered to the north, allowing a feed of cold Arctic air across the islands.

Skies remained cloudy into the 27th before further rainfall arrived from the north west. Ahead of the front the wind strengthened to a strong westerly breeze before rain arrived in the early afternoon, not clearing through until dawn on the 28th. Extensive cloud remained as the remnants of the front trailed away to the south east, leaving the rest of the 28th with lengthy sunny periods and occasional showers. Northerly winds kept temperatures low, with just 14.4°C recorded as the maximum temperature on the 29th – the coldest maximum temperature since the 6th May.

The month ended with a deep area of low pressure in charge of the weather, sitting to the north west of Scotland. The feed of cold Arctic air was finally cut off though as the wind backed to the southwest. Cloud thickened and lowered during the course of the 30th, with rain arriving by mid afternoon. Conditions worsened through the evening as the rain continued and the wind strengthened before easing to a westerly moderate breeze just before midnight.

Overall September was an unsettled month and the blocking high pressure seen through much of the summer a distant memory. It was the wettest month of the year so far with 81.3mm recorded - more than the total rainfall from May to August combined. Sunshine suffered as a result, with the month's total below average, and the dullest September for three years.

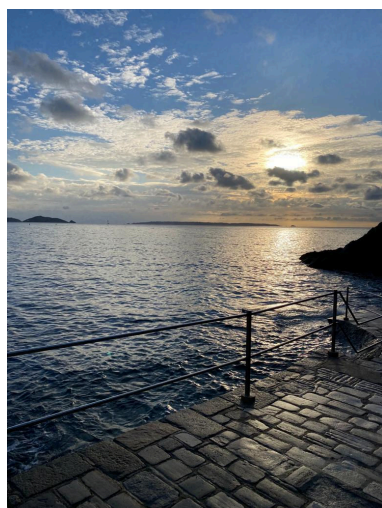
October

Deep low pressure sitting over Iceland was beginning to fill and by the 2nd a new area of low pressure was in charge. This time, the low pressure was closer to home, with the centre passing between Guernsey and Alderney. Rain became persistent overnight into the 2nd and by mid morning a total of 11.7mm had been recorded. The wind was briefly a strong south westerly before abruptly veering to the north east and easing as that low pressure began to sink away to the south of the islands. As the low pressure began to fill in over northern France, the remnants of that frontal system began to travel north to return over the islands once again. This time however the rainfall had been exhausted, with just extensive bands of low level *Stratocumulus* cloud remaining through the 3rd and 4th.

High pressure over central Europe kept Atlantic fronts away from the islands through the 4th and into the 5th, becoming very slow moving over parts of the UK. By the 5th that protection was starting to move further south east and an area of low pressure started to develop just west of Ireland. This became the dominant pattern through the day, with the wind strengthening through the morning before fronts arrived by mid morning. The cloud cleared away through the afternoon, leaving a clear night overnight into the 6th. The 6th and start of the 7th were marked with a light south westerly breeze and with temperatures in the high teens it felt quite pleasant in the October sunshine. That light south westerly breeze didn't last long though, as through the day on the 7th it began to strengthen ahead of a cold front pushing eastward across the UK producing a quick soaking across the islands mid evening.

Overnight in to the 8th following the cold front clearance, the wind veered to the northwest as pressure built from the south west. Clear skies, light winds and excellent visibility lead to a pleasant day in the islands but temperatures dropped away quickly just in to single figures by mid evening. This high pressure cell was reluctant to hang around though, drifting eastward towards the Low Countries by day's end. Locally our winds veered in to the southeast overnight in to the 9th pulling in warmer Continental air allowing temperatures to pick up to 14°C by dawn. We were now caught between that retreating high to the east and slowly advancing Atlantic fronts out to the west in association with deep low pressure centred over Iceland. Thickening high cloud through the day made sunshine hazy that afternoon but it remained dry and clear.

By dawn on the 10th those fronts, much weakened by now, transited southeast across the Bailiwick with only patchy light drizzle and a few mist patches affecting us. Another ridge built in following this clearance with clearing skies and excellent visibility through the afternoon. This very mobile setup continued as that recently arrived high slipped eastward over the Baltic as yet another Atlantic low steered a series of fronts across the British Isles. These fronts became slow moving as they neared our shores but eventually rain arrived locally late evening on the 12th, becoming persistent and occasionally heavy through the morning with drizzle, mist and hill fog patches. Conditions improved rapidly shortly after midday however as that weather front cleared to the southeast, although it did remain cloudy for the rest of the day.



Early morning at the Bathing Pools on the 12th with *Cumulus Humilis* at about 1400' over the Little Russel with retreating *Alto cumulus* higher up around 11000'. Cloud increased through the day with rain and drizzle arriving overnight.

Photo credit: Adam Heaume

Complex low pressure was by now very much the dominant feature across the North Atlantic weather charts, with a series of fronts draping down across the UK and in to the Channel. Further patchy rain arrived overnight in to the 14th, turning more to drizzle for the afternoon with winds generally light to moderate from the west.

Further depressions then rolled in from mid-Atlantic, affecting mainly the Channel, south coast of the UK and areas of northern France. A mix of fair periods and showers on the 15th, rain and drizzle through the afternoon of the 16th and overnight in to the 17th gave way to drier but still mostly cloudy conditions by the end of the weekend. A more dominant low that had become slow moving over Ireland started to draw up warmer air from the southeast in conjunction with a belt of high pressure stretching in from Central Europe.

Temperatures across the islands increased through the high teens to peak at 20.1°C on the 19th, historically the highest temperature at the airport for this particular date. Although warm, sunshine was limited at times with occasional showers. As that low to the west deepened and edged northeastward, so our mild flow across the islands continued. The 20th was a pleasant day across the islands with just the odd rogue shower early and late but over 8 hours of sunshine, light southeasterly winds and temperatures in the mid to high teens. It was very much the calm before the storm however, as freshening southerly winds overnight in to the 21st heralded that low's approach off the south coast of Ireland with blustery showers early morning and through the afternoon. The winds strengthened further too, with gusts over 50mph recorded up in Alderney.

A complex pattern of low pressure was now stretching up from Biscay, across the UK and into Scandinavia but a temporary flat ridge across the islands for the 22nd did provide some respite before the next system arrived overnight in to the 23rd. The cold front in association with this new low was particularly active, with a thunderstorm over the islands during the early hours of the 23rd, together with some fairly lively showers. These showers continued on and off through the day before another storm rolled over us early afternoon. Fresh to strong southwest winds increased that evening to briefly blow a full gale with gusts up to 52mph along with further bands of heavy showers before that system eased away to the northeast by dawn on the 24th. A brisk southwester settled in thereafter with a scattering of mostly light showers that morning with some brightness at times through the afternoon. Temperatures continued in the very mild category

consistently reaching 16-18°C. High pressure down over Central Europe extended a ridge up in to the Channel for the 25th but with our winds still predominantly from the south it continued mild and mostly cloudy with a moderate to fresh breeze.

The next deepening low was already sweeping in from the Atlantic by now, trailing a series of fronts across the UK together with strengthening southwest winds. We were just on the periphery in the Channel thereby missing out on the worst of it until the small hours of the 27th when a thundery trough rolled up from the south producing another flash and a bang a few hours before dawn. Initially clear, cloud soon filled in to leave a mostly cloudy but mild day with slightly reduced winds from the south. A clearing cold front overnight in to the 28th saw a few spots of rain but the rest of the day was dry with light to moderate southwest winds, and still mild with temperatures around the mid to high teens.

Low pressure continued to dominate western and northern parts of Europe with the next frontal system arriving overnight, again clearing by dawn on the 29th. This feed of warm, moist air up over western France and the UK kept sunshine totals down but temperatures up for the next couple of days, and it remained largely dry until the 31st when a rapidly deepening low out in Biscay swept up the Channel that afternoon. A trough of lively showers preceded a period of more persistent and heavier rain late afternoon which then cleared to further showers that evening. As that low cleared to the east so winds locally veered sharply from a fresh southeasterly to a strong to gale force southwesterly. A full gale was recorded later that evening with gusts up to 48 knots (55mph) recorded at the airport. Alderney managed a gust of 56 knots (64mph) around the same time, as the last day of the month went out with some rather lively weather.

October was another warmer than average month being 1.8°C above the long term average, ending up the warmest for 16 years and the 5th warmest since our records began in 1843. Rainfall was 80% of average with nearly three quarters of that total falling overnight. Sunshine was marginally up, duller than last year but brighter than the two previous Octobers. It was quite a lively end to the month with a couple of days with thunderstorms and gales recorded. A maximum gust of 48 knots on the 31st was the highest noted locally since 20th February.

November

The final month of Autumn opened with a continuation of the wet, windy but mostly mild run of weather that prevailed through most of the second half of October. Low pressure systems aplenty were tracking east across the Atlantic with showers or longer periods of rain affecting all areas of the UK, Channel Islands and France for the first couple of days of November.

A period of more persistent and heavy rain overnight in to the 3rd produced half an inch of rain, followed later in the day with heavy rain showers with some hail and thunder mixed in towards evening. These showers eased off overnight in to the 4th leaving us with a cooler, clearer and drier day in the islands together with light to moderate northwesterly winds as a brief ridge covered the area. It wasn't long before the next system arrived however, with rain falling from mid morning on the 5th as the next Atlantic system arrived from the west. The rain turned to drizzle later that afternoon becoming heavier overnight before clearing to scattered showers shortly before dawn on the 6th. These showers became more isolated as we moved in to the 7th, albeit with a fresh to strong southwest to southerly wind.

Temperatures had been consistently mild across the islands with this generally southwesterly flow so far this month with little overall change to this mobile, Atlantic run of weather. Showers continued on and off through the 8th but with some brightness around too as deep low pressure sat mid-way between Scotland and Iceland.

Gradually though, pressure was building to the south over France with just enough influence locally to ease those showers to the north, giving us a couple of dry days on the 9th and 10th. Sunshine totals picked up too and temperatures continued their mild trend, peaking around the mid teens by day and staying in double figures overnight.

The 11th dawned bright but as our winds backed in to the southeast we started to see a blanket of low cloud being drawn up from Brittany through the morning and this cooler layer of cloud dropped our temperatures away to around 11°C by day's end. That European high continued to intensify overnight, stretching it's influence across the UK. Locally the weekend of the 12th & 13th was pretty much wall-to-wall sunshine, moderate southeasterly winds and temperatures up around 15/16°C, very pleasant for mid-November.

Unfortunately by dawn on the 14th that high had drifted away eastward, allowing the next run of Atlantic systems to roll in from the west. Rain arrived around dawn but cleared shortly after lunch with some brightness that afternoon. It was a brief respite however, as the next low swept in overnight with strengthening southerly winds and some heavy and persistent rain, before clearing around the morning commute on the 15th. A rash of lively showers followed in the wake of this clearance, particularly that evening with winds gusting up to 48mph at times. These showers continued through the next morning too, carried along on a brisk southwesterly flow but by noon on the 16th a rapidly deepening low barrelled in from the west with rain arriving very shortly after midday.

This system deepened as it drove up the Channel with a barometric reading of just 977.6hPa noted at the airport, the lowest such November reading since 2016. The rain became heavy and persistent through the afternoon before clearing just before dusk when once again we were beset with frequent showers that evening and overnight. Localised flooding was reported from around the island as some 13mm of rain fell in just over 4 hours that afternoon. The winds veered in to the west that evening, strong to gale force and with temperatures around 12°C it really felt less than pleasant.

The low slowed its progress northeast as it came up against an extensive area of high pressure over Scandinavia, with the islands continuing to be under the influence of a fresh, unstable and showery west to northwest flow with air temperatures noticeably lower than the last few weeks. Gradually though, that low filled as it drifted north over Shetland and with pressure beginning to build to the southwest, those showers became more isolated as we went through the 18th and in to the 19th. Temperatures remained more seasonable but there was a tad more sunshine on offer both days.



Virga falling from high Cirrus cloud over the north of the island late morning on the 18th as a cool showery flow covered the Channel. Moderately developed Cumulus at the lower level. Photo credit James Wilson.

It was only a brief respite though as that ridge collapsed eastward by day's end on the 19th with the next Atlantic system moving swiftly in from the west, with rain arriving later that evening. These fronts cleared through by dawn on the 20th to leave us with scattered showers once more through daylight hours and overnight in to the 21st. The next system was already queuing up in the wings however, with the next batch of rain arriving by dawn, becoming heavy and persistent through the morning before clearing smartly to the east just before noon. Again, showers packed in behind this clearance, occasionally heavy at times for the rest of the day. These lively showers continued overnight too, with a brief thunderstorm noted in the early hours of the 22nd, and it was only really that afternoon that we started to see some brightness as the showers became more isolated. Winds became a feature once more, from the west at a good Force 7 with gusts locally up to 46 knots (53mph) around midday.

This unsettled, very mobile run of weather continued in to the 23rd with the next Atlantic system bringing yet more rain in the early hours as the winds backed in to the south but clearing fairly smartly around dawn to another run of showers as the winds snapped round to the west once more, still strong to gale force. We even saw some hail mixed in with those rain showers early that afternoon, with a resulting dip in air temperatures to just 7.0°C, the lowest air temperature recorded since the 26th April. The showers eased off overnight in to the 24th, although surface winds continued strong from the southwest, then around early afternoon on the 24th a swift moving cold front brought an hour or so of quite heavy showers across the islands with further reports of hail in some areas.

High pressure down over Spain was just starting to make inroads northward by the 25th allowing our winds to ease down a shade and those showers to become more isolated. This temporary ridge only managed to last until dawn on the 26th however before collapsing southeast to allow the next series of fronts to push up the Channel from the west. Outbreaks of rain arrived shortly after midday and became persistent later that afternoon and through the evening before turning more to drizzle overnight. The small hours of the 27th saw a continuation of the rain and drizzle, but the winds eased off as a clearing cold front stalled in the Channel, with low cloud, mist and hill fog greeting the new day. Indeed it wasn't until just before sunset that afternoon that the front finally cleared to the east, only to be replaced by a cooler, fresher more showery airflow that evening and overnight. Some of those showers were quite lively with hail mixed through the morning of the 28th but they became more isolated that afternoon before dying out altogether that evening.

A welcome ridge was starting to edge in from the west by now, pushing up across the UK leading to a dry, settled and quiet last couple of days of the month although air temperatures just started to fall away as colder air started to draw in from the east.

With only 2 days of the month at or below the average temperature, the month ended up 1.4°C warmer than the long term average making it the 4th warmest November on record and the warmest since 2015. At over 100 hours of sunshine it was also the sunniest November for 16 years and the 9th sunniest on record. Rather oddly it was also the wettest for 12 years and the only month this year so far to surpass 100mm of rainfall. It was also the windiest November for 7 years and the windiest month of the year to date.

As Autumn closed out, the statistics showed it to be the warmest since 2006 and the 2nd warmest on record. Rainfall and sunshine were also slightly above average.

December

Tumbling air temperatures through the last few hours of November continued in to the start of Meteorological Winter with just 3.1°C by dawn on the 1st. A large blocking anticyclone over Russia was introducing cold, dry continental air across much of Northern Europe and the British Isles. This cold easterly flow travelling down the comparatively warm Channel lead to a narrow band of showers that briefly flirted with the islands, with a few light isolated showers locally around noon. Some brightness arrived that afternoon but generally it was a cool and cloudy start to December.

This band of showers making down the Channel continued for the next few days, mostly running just to the north or south of us but occasionally rolling across the islands. Extensive cloud cover across much of the UK and Northern France saw just 18 minutes of sunshine recorded at Guernsey Airport from the 2nd to the 6th (inc) and with daytime air temperatures in single figures it felt very raw indeed.

Gradually though, that Siberian High displaced to the north, then east as another building high over Greenland started to introduce a more northerly flow down across the UK. Already cool temperatures across the country started to fall further by the 5th as this Arctic Maritime flow set in, dropping steadily as this cold air mass spread southward. Locally we continued with our cool, cloudy and showery run of weather, with those showers becoming more frequent late evening on the 6th and overnight in to the 7th.

This feed of cold air from the north continued for the next few days with increasingly wintry showers spreading south across the British Isles but still remaining mostly clear but cool in the Channel. By the 10th we started to see a shallow low develop off Scandinavia tracking slowly down across the UK. More significant falls of snow began to be reported across the country together with dense, freezing fog in central and southern areas as temperatures struggled to get above freezing through the weekend of the 10th & 11th. Locally, light winds and clear skies overnight lead to an extensive ground frost by dawn on the 10th.

With this low to the north of the islands, our winds fell in to the west with a resulting uplift in moisture levels allowing some sharp showers to develop in the Channel through the day. A brief thunderstorm early that afternoon was followed a little later with some sleet showers as our temperatures hovered around 3°C. The showers eased off overnight only to pep up again during the morning of the 11th, with hail noted at times that afternoon. Visibility within this airflow was particularly excellent.



Heavy wintry showers fall from *Cumulonimbus* off the west coast early afternoon on the 10th. Thunder & lightning was also reported. Photo credit Wayne Branquet.

With air temperatures falling to just 1.7°C by dawn on the 12th this cold spell continued, although the showers eased away northward. Of more concern to us was a broad area of low pressure moving slowly up from Biscay through the 12th and 13th. This feature extended a broad sheet of medium and high cloud which limited our sunshine and settled our winds in from the southeast. Rain arrived locally late evening on the 13th but due to the very cold air over the islands, some of this precipitation fell as snow or sleet overnight before clearing by dawn on the 14th. Jersey managed a more sustained spell of snow, being further south, but nothing was reported as sticking or causing any problems to local travel.

Low pressure over Norway was also dragging very cold air down from the Arctic across the UK with snow and very cold temperatures recorded right the way across the country, but the Channel and parts of the southwest remained under the influence of this Biscay low which was by now slow moving to the south. Gradually though, this low to the south eased away with just a few residual showers across the islands as we remained in a cold east to northeast flow. The large area of cloud that had covered us for the last few days finally eased away southward too with clearing skies just around sunset on the 15th. A brief ridge started to push in from the west overnight in to the 16th with the day dawning fine with excellent visibility and air temperatures managing 8°C in the light and variable winds. Overnight those same conditions lead to a rapid drop in ground temperatures with -3.1°C on the grass at the airport with an extensive ground frost.

That high provided us with mostly clear conditions through the 17th too, but a string of Atlantic depressions was already starting to make inroads from the west by day's end, with cloud thickening and lowering overnight, together with strengthening southerly winds. Outbreaks of rain and drizzle together with mist and hill fog greeted the new day on the 18th with the rain becoming more persistent through the afternoon and evening. Temperatures picked up steadily through the day too, reaching 11°C by mid evening.

This run of mild Atlantic air in association with low pressure out to the northwest continued for the next few days with fresh south to southwesterly winds, outbreaks of rain and drizzle with mist and hill fog at times. Sunshine was at a premium too with just 1.6 hours recorded from the 18th up to and including Christmas Day, and more rain fell in those 8 days (62.3mm) than the whole of our summer!

Christmas Day itself was a mostly cloudy day with outbreaks of rain, but mild with temperatures around 10°C.

Boxing Day saw a temporary ridge cover the Channel following a cold front clearance earlier that morning, leading to brighter conditions with just a few isolated showers through the day. That ridge held on until just after dusk on the 27th when further rain pushed in from the west as low pressure crossing Scotland draped a series of fronts across the UK. Increasing winds from just west of south started to gust up to 40mph as that rain became persistent through the night, clearing early afternoon on the 28th to blustery rain showers, some of which were mixed with hail. This lively airflow with frequent showers continued through until late afternoon on the 29th when those showers became more isolated.

More tropical air was on its way up from the southwest again by dawn on the 30th however, as the winds backed in to the south still strong and gusting up to gale force at times. The rain arrived a few hours before dawn as a complex series of fronts rolled in from the Atlantic, but it turned more to drizzle with mist and hill fog patches for the afternoon. These fronts were reluctant to clear the Channel however, with overcast skies, more rain, drizzle and mist with fog patches overnight and in to the 31st. The last day of the year summed the month up quite handsomely; dull, wet and windy.

With the month very firmly split in to two halves; cool, bright and quite dry up to the 17th, then dull, wet, mild and windy from the 18th, the figures showed this to be the coolest December for 12 years and the duller since 2018. It was also the coldest and duller month of the year with both the lowest December daytime maximum temperature of 4.4°C and lowest night time minimum of +0.7°C on the 13th the lowest for 12 years. That cold air for the first half of the month lead to 10 overnight ground frosts, the most for December for 12 years.

With every month apart from December being warmer than average, and August being a record breaking warm month itself, 2022 ended up the warmest year on record with a mean annual temperature of 12.8°C, surpassing the previous warmest year 2014 by 0.4°C. It was also the driest for 4 years and the 10th sunniest year on record and being the sunniest since 1990. Interestingly we reached that sunshine record on the 29th December, the very last day we saw any sunshine that month! We also noted 5 days where the air temperature reached or exceeded 30.0°C, the most in any year since records began.

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2022	DIFFERENCE FROM AVERAGE	2022	PERCENTAGE OF AVERAGE	2022	PERCENTAGE OF AVERAGE
JAN	7.7	+0.5	66.0	71.7	54.4	86.9
FEB	8.6	+1.7	78.6	103.7	92.7	106.5
MAR	9.3	+1.3	38.2	60.3	169.3	125.1
APR	10.1	+0.4	29.8	55.2	242.9	121.0
MAY	13.4	+1.1	12.7	25.9	267.4	111.9
JUN	15.7	+0.9	40.5	84.5	271.7	110.5
JUL	18.7	+2.0	1.4 *	3.2	311.9	123.1
AUG	19.3 *	+2.2	19.2	33.9	262.3	115.7
SEP	16.4	+0.7	81.3	147.3	170.8	92.9
OCT	15.0	+1.8	78.6	80.3	126.1	105.0
NOV	11.7	+1.4	153.5	143.8	105.1	136.8
DEC	7.5	-0.6	130.0	109.0	42.7	73.2
YEAR	12.8 *	+1.1	729.8	84.8	2117.3	112.1

* NEW RECORD

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2022	DATE	2022	AVERAGE 1991-2020	2022	AVERAGE 1991-2020
JAN	54.4	62.6	112.8	1998	26.0	1966	8.0	13th & 14th	20.2	23.2	8	9.8
FEB	92.7	87.0	150.5	2019	36.1	1976	10.0	26th & 27th	31.5	29.5	6	6.2
MAR	169.3	135.3	214.8	2009	67.4	1964	11.1	18th	46.1	36.8	3	5.6
APR	242.9	200.7	285.4	2021	122.2	1981	13.2	25th	59.4	49.1	1	2.2
MAY	267.4	238.9	336.4	1989	136.9	1981	15.0	28th	56.6	50.5	0	2.0
JUN	271.7	245.9	355.3	1975	147.8	1977	15.2	13th	56.5	51.1	0	1.3
JUL	311.9	253.3	340.5	2018	167.7	1972	15.4	* 10th	64.4	52.3	0	1.2
AUG	262.3	226.8	323.0	1955	139.2	1992	13.8	6th & 8th	59.3	51.2	0	1.4
SEP	170.8	183.9	266.5	1959	104.5	1956	11.3	11th	45.3	48.8	1	1.6
OCT	126.1	120.1	176.4	1971	72.6	1968	9.7	6th	38.1	36.2	2	4.7
NOV	105.1	76.8	123.6	2006	38.9	1981	8.0	13th	38.8	28.3	3	6.3
DEC	42.7	58.3	108.9	2001	26.6	1966	6.7	9th	16.7	22.9	10	9.8
YEAR	2117.3	1889.6	2262.8	1959	1532.5	1981	15.4	10-Jul	47.5	42.4	34	52.1

ATMOSPHERIC PRESSURE (Hectopascals) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE				
	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	
JAN	1028.0	1017.6	1030.5	1992	1001.1	1948	1049.3	19/2020 2333	966.6	20/1965 1220	
FEB	1020.2	1017.8	1032.1	1959	1000.6	2014	1047.5	7/1964 1050	952.5	25/1989 1050	
MAR	1020.8	1017.2	1029.9	1953	1000.7	2018	1047.7	3/1990 0930	969.6	13/1951 1630	
APR	1016.1	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620	
MAY	1020.3	1016.9	1025.3	1991	1007.6	1983	1039.8	01/2012 1045	981.3	5/2004 2350	
JUN	1016.6	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500	
JUL	1022.3	1017.4	1023.5	1969	1013.9	1988	1034.5	12/1969 & 8/2022 1150 & 0803	986.6	3/1988 0845	
AUG	1018.4	1017.0	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000	
SEP	1014.3	1017.4	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630	
OCT	1015.3	1015.0	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200	
NOV	1009.6	1014.1	1026.2	1978	1001.5	2000	1041.9	2/2001 0850	963.2	9/2011 0300	
DEC	1012.3	1016.3	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450	
YEAR	1017.9	1016.7	1019.8	1949	1013.4	1960	1049.3	19/01/2020 1023	952.5	25/02/1989 1050	

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS(≥1.0mm)	
	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2022	DATE	2022	AVERAGE 1991-2020	2022	AVERAGE 1991-2020
JAN	66.0	92.0	210.0	2001	15.4	1992	16.2	8th	15	19.1	10	14.1
FEB	78.6	75.8	182.8	1978	4.8	1965	21.7	13th	20	16.5	14	12.0
MAR	38.2	63.3	179.6	2001	2.7	1961	13.9	1st	12	14.8	8	10.4
APR	29.8	54.0	130.4	1966	2.9	1980	13.1	7th	8	12.9	6	9.3
MAY	12.7	49.0	128.7	1994	4.1	1989	6.2	22nd	8	11.3	3	8.2
JUN	40.5	47.9	129.7	1986	0.6	1976	9.8	4th	15	10.8	9	7.3
JUL	1.4	* 43.2	120.2	1960	1.4	2022	0.7	19th	2	* 10.8	0	* 7.2
AUG	19.2	56.6	122.0	1951	3.8	1955	8.6	24th	8	11.6	4	8.4
SEP	81.3	55.2	194.5	1952	6.9	1997	14.8	22nd	17	11.9	15	8.5
OCT	78.6	97.9	233.9	1960	3.4	1978	11.8	12th	17	17.8	13	13.6
NOV	153.5	106.7	234.5	2009	16.1	1978	16.8	27th	21	19.5	19	15.6
DEC	130.0	119.3	249.6	1999	28.1	1953	24.1	18th	21	19.5	19	16.3
YEAR	729.8	860.9	1317.0	1960	531.3	1989	24.1	18-Dec	164	176.5	120	130.9

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2022	AVERAGE 1991-2020	2022	DATE	RECORD HIGHEST	DATE	2022	AVERAGE 1991-2020	2022	DATE	RECORD LOWEST	DATE
JAN	9.6	9.0	13.1	1st	13.3	4/48,9/07	5.8	5.4	2.2	25th	-7.8	20/1963
FEB	10.5	8.8	12.3	22nd	16.1	27/2019	6.6	4.9	3.3	24th	-7.2	21/48,7/91
MAR	11.8	10.2	16.0	24th	19.6	30/2021	6.9	5.8	2.2	31st	-2.2	10,11/1958
APR	13.0	12.4	19.1	16th	24.5	11/2020	7.2	7.0	1.7	3rd	-1.4	11/1986
MAY	16.7	15.1	23.8	17th	25.9	30/2003	10.2	9.4	7.5	1st	0.1	2/1979
JUN	19.1	17.7	28.9	17th	30.8	26/1976	12.3	11.8	8.6	1st	5.4	1/1975
JUL	22.7	19.6	34.2 *	18th	34.2	18/2022	14.7	13.8	11.6	1st	8.3	8/1954
AUG	22.7	19.9	32.2	13th	34.3	9/2003	15.9	14.2	13.7	7th	9.2	28/1986
SEP	19.1	18.2	25.8	12th	30.6	2/1961	13.8	13.1	9.8	30th	5.8	28/1974
OCT	17.1	15.3	20.1	19th	23.6	1/2011	12.9	11.1	9.3	8th,11th,12th	3.5	28/2003
NOV	13.7	12.1	16.3	1st & 7th	18.0	1/2015	9.7	8.4	6.3	30th	-0.8	28/2010
DEC	9.3	9.9	13.9	31st	15.6	6/1953	5.7	6.3	0.7	13th	-3.8	24/1963
YEAR	15.5	14.0	34.2 *	18-Jul	34.3	09/08/03	10.2	9.3	0.7	13-Dec	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2022	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	8.6	6.9	9.0	1990	1.5	1986	3.9	3.9	4.8	2019	2.9	1993
MAR	9.3	8.0	10.3	1957	4.4	1962	4.9	4.4	6.4	1953	3.6	2006
APR	10.1	9.7	12.0	2020	6.4	1986	5.8	5.4	7.1	2011	4.2	1972&1978
MAY	13.4	12.3	13.9	1989	9.9	1984	6.5	5.7	7.3	1989	4.6	1981&1996
JUN	15.7	14.8	16.7	1976	11.3	1972	6.8	5.9	8.3	1976	4.1	1977
JUL	18.7	16.7	19.4	1983	13.8	1954	8.0 *	5.9	8.0	2022	4.4	1954&1998
AUG	19.3	17.1	19.3 *	2022	14.3	1956	6.8	5.6	7.3	1955&2003	4.3	1958
SEP	16.4	15.7	17.5	1949	12.8	1986	5.3	5.0	6.2	2003	3.6	1967
OCT	15.0	13.2	15.2	2001	9.6	1974	4.2	4.1	5.2	2018	3.1	2015
NOV	11.7	10.3	12.0	1994	7.7	1993	4.0	3.7	4.9	1969	2.8	1994
DEC	7.5	8.1	10.1	1953	4.4	2010	3.6	3.6	4.5	1968	2.1	2015
YEAR	12.8 *	11.7	12.8	2022	9.6	1963	5.3	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2022	DATE	RECORD LOWEST	DATE	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR
JAN	-2.1	6th	-10.0	29/1947	0	1.0	16	1963	10	6.2	20	1985
FEB	-1.8	11th	-11.1	12/1978	0	0.9	18	1986	4	7.4	24	1956
MAR	0.5	17th	-9.4	3/1965	0	0.2	4	1947	0	6.1	18	1955
APR	-1.7	3rd	-7.0	5/1990	0	0.0	1	1978,86	4	3.9	10	1956,73,84,2021
MAY	1.9	30th	-5.6	5/1979	0	0.0	--		0	0.9	9	1979
JUN	1.7	1st	-3.0	14/1987	0	0.0	--		0	0.1	3	1987,89
JUL	5.8	27th	1.0	7/1996	0	0.0	--		0	0.0	--	
AUG	5.9	7th	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	2.5	17th	-1.0	23/1979	0	0.0	--		0	0.0	1	1979,86,87
OCT	4.3	9th	-4.0	30/1983	0	0.0	--		0	0.7	6	1992
NOV	3.8	19th	-5.6	29/1987	0	0.1	2	2010	0	2.5	9	1988
DEC	-4.3	10th	-8.9	29/1964,27/1995	0	0.5	5	1970	10	5.8	13	2010
YEAR	-4.3	10-Dec	-11.1	12/02/1978	0	4.5	31	1963	28	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR
JAN	8	5.8	13	1955,82	1	2019	0	0.5	4	1979,98
FEB	6	7.1	15	1979	0	1969	0	0.5	3	1957,89
MAR	4	8.1	16	1960,94	0	1968,73	0	0.4	4	1958,67,82,87,95
APR	4	6.7	16	1963	0	2012,2021	1	0.6	4	1981,95
MAY	8	8.2	19	1964	2	1988,2002,'21	0	0.9	4	1950,71
JUN	7	9.3	18	1965,2016	1	1975	1	1.1	6	1982
JUL	2 *	10.3	20	1972,78	2	2022	1	0.9	5	1982,94
AUG	12	8.9	21	1997	2	1976	0	1.4	5	1974
SEP	2	4.9	15	1987	0	1952,53,72,2015	3	0.8	10	1976
OCT	3	3.9	17	1986	0	—	2	1.2	5	1964
NOV	1	3.1	14	1992	0	—	2	0.9	4	1969
DEC	6	4.9	11	1995	0	1947,64,75	1	0.9	4	1976,93
YEAR	63	81.2	115	1994	52	2008	11	10.1	21	1982,95

MONTH	SNOW OR SLEET					HAIL				
	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	0	2.0	12	1963,85	2	4.8	13	1984,85	0	1955,64,70,92,93
FEB	0	3.0	18	1956	3	5.5	18	2014	0	—
MAR	1	1.4	10	1962,70	1	3.4	10	2008	0	—
APR	1	0.4	4	1970	0	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	3	3.6	11	2000	0	1948,55,83,94,95
DEC	3	1.3	10	2010	1	5.1	13	2009	0	1964,68,75,2016
YEAR	5	8.5	33	2010	10	26.5	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)					WET DAYS(≥1.0mm)				
	2022	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2022	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	15	31	1948	4	1992	10	28	1948	3	1992
FEB	20	26	1970,95	2	1959	14	23	1951	1	1965
MAR	12	27	1979	3	1961	8	21	1947	1	1961
APR	8	21	1983	2	2011	6	18	1966	1	1976,'80,'11
MAY	8	26	1981	2	1989	3	19	1981	1	1989
JUN	15	21	1991	3	1975,76	9	14	1987,91	0	1976
JUL	2 *	20	1960,07	2	2022	0 *	15	1950,07	0	2022
AUG	8	21	1963	1	1976	4	18	1992	1	1955,76
SEP	17	23	1950,52	4	1959,97	15	21	1950	2	1959,97
OCT	17	28	1981	5	1965,78	13	24	1981	1	1978
NOV	21	28	2009	8	1978	19	26	2009	5	1988
DEC	21	28	1993	8	1991	19	26	1959	5	1991
YEAR	164	212	1960	138	1971	120	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2022	AVERAGE 1991-2020	2022	AVERAGE 1991-2020	RECORD HIGHEST	YEAR	2022	DATE	RECORD HIGHEST	DATE
JAN	9.4 *	13.4	1	1.6	11	1984	76	8th	77	25/1990
FEB	14.9	12.6	3	0.8	10	1990	59	18th	69	9/1988,11/1990
MAR	10.7	11.7	0	0.6	6	1980	39	31st	70	10/1982
APR	10.1	10.6	0	0.1	2	1964,72,83,94	40	7th	60	9/1994
MAY	8.5	10.4	0	0.2	2	2007	34	11th	58	19/1996
JUN	9.6	9.9	0	0.0	0	—	37	18th	51	16/1965
JUL	8.3	9.8	0	0.0	1	1956,69	30	25th	63	31/1983
AUG	8.5	9.3	0	0.0	1	1956,61,86	29	29th	52	26/1986
SEP	9.3	10.3	0	0.0	2	1953,65,74,83	39	8th	60	29/1962
OCT	11.3	11.7	2	0.7	4	1967,76	48	31st	81	16/1987
NOV	15.3	12.7	0	0.8	8	1977	47	23rd	73	23/1984,20/2016
DEC	11.5	13.6	0	1.6	9	1979	46	29th	83	15/1979
YEAR	10.6	11.3	6	6.4	20	1972	76	08-Jan	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

2022 MONTH	DIRECTION RANGE		350 -010	020 -040	050 -070	080 -100	110 -130	140 -160	170 -190	200 -220	230 -250	260 -280	290 -310	320 -340	SPEED ONLY
	SPEED RANGE														
JAN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	9.9
	4-10	knots	4.7	5.0	2.4	10.1	4.7	3.4	3.6	2.4	4.2	4.3	3.0	5.4	53.1
	11-21	knots	1.1	0.1	0	0.4	0	1.3	1.7	3.2	6.2	10.3	4.0	5.4	33.9
	22-33	knots	0	0	0	0	0	0	0	0	1.7	0.4	0.9	0	3.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.0
	4-10	knots	1.5	0.3	0	0.1	0	1.3	2.5	3.1	5.4	3.3	3.6	3.6	24.7
	11-21	knots	0	0	0	0	1.5	4.6	6.4	5.2	14.9	9.5	12.6	1.0	55.8
	22-33	knots	0	0	0	0	0	0	1.2	0.3	7.7	5.5	3.1	0	17.9
	≥34	knots	0	0	0	0	0	0	0	0	0.4	0.1	0	0	0.6
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	1.3
	4-10	knots	2.2	4.7	9.7	5.0	7.5	6.9	3.0	1.9	1.6	1.6	0.9	3.2	48.1
	11-21	knots	2.6	3.2	10.1	6.6	5.8	9.5	6.2	1.9	0	0.7	1.5	2.6	50.5
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10	knots	4.3	8.5	14.2	3.3	2.8	3.8	3.2	1.0	1.1	4.0	4.0	5.1	55.3
	11-21	knots	3.2	2.1	15.1	2.2	2.1	2.8	0.3	0	3.1	5.0	3.1	0.1	39.0
	22-33	knots	0	0	0	0	0	0	0	0	1.9	0	0	0	1.9
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.6
	4-10	knots	6.7	5.1	7.8	2.7	2.4	3.5	2.8	2.4	5.2	8.6	11.6	5.9	64.8
	11-21	knots	0.3	0.1	1.5	1.1	2.0	0.5	0.4	1.7	7.1	12.6	2.0	0.1	29.6
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.1
	4-10	knots	4.4	8.9	11.4	2.1	1.5	1.1	3.6	5.6	9.7	4.0	3.1	3.8	59.2
	11-21	knots	0.8	2.9	7.4	0.8	0.3	0	3.1	4.7	12.9	5.0	0.7	0	38.6
	22-33	knots	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.9
	4-10	knots	9.5	6.6	5.0	5.0	2.6	1.3	1.6	4.0	4.2	5.8	10.8	15.5	71.8
	11-21	knots	0.9	0	1.6	0.9	3.1	0	0.4	0.7	8.1	5.1	3.1	0.4	24.3
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.2
	4-10	knots	5.5	7.3	15.5	1.7	0.7	2.8	2.0	3.4	8.9	8.1	5.1	7.3	68.1
	11-21	knots	1.5	1.2	14.9	0.9	0	0.1	0.1	0.5	5.8	2.0	0.7	0.8	28.6
	22-33	knots	0	0	0	0	0	0	0	0	0	0	0	0	0.0
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.4
	4-10	knots	10.4	9.0	5.6	1.8	4.0	2.9	1.7	2.6	4.0	2.6	4.2	7.9	56.8
	11-21	knots	0.7	0.7	3.3	0.7	1.4	3.1	5.7	4.4	2.1	6.8	3.6	3.5	36.0
	22-33	knots	0	0	0	0	0	0	0	0.3	1.5	0	0	0	1.8
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.6
	4-10	knots	0.5	1.6	2.6	4.8	4.2	5.2	4.6	5.5	5.6	2.6	1.9	1.5	40.6
	11-21	knots	0.3	0.5	0.4	3.0	3.8	7.4	11.2	9.3	14.0	5.1	0.1	0	55.0
	22-33	knots	0	0	0	0	0	0	0.4	0.3	1.2	0	0	0	1.9
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	0.6
	4-10	knots	0.8	0	0.6	2.1	2.1	1.9	1.0	0.8	2.1	1.7	2.6	3.1	18.8
	11-21	knots	0.8	0	0	0.1	1.4	5.0	9.7	18.5	12.2	10.8	6.5	0.7	65.8
	22-33	knots	0	0	0	0	0	0.4	2.1	1.9	5.6	4.3	0.6	0	14.9
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.4
	4-10	knots	1.6	10.9	3.2	9.3	6.2	2.2	2.0	3.1	2.3	2.4	0.9	2.2	46.2
	11-21	knots	0	2.0	2.8	5.4	1.6	3.2	7.8	10.3	7.8	3.8	0.8	0	45.6
	22-33	knots	0	0	0	0	0	0.3	0.7	1.7	2.8	0.3	0	0	5.8
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.5
	4-10	knots	4.4	5.7	6.5	4.1	3.3	3.0	2.6	3.0	4.5	4.1	4.3	5.4	50.9
	11-21	knots	1.0	1.1	4.8	1.9	1.9	3.1	4.4	5.0	7.8	6.4	3.2	1.2	41.7
	22-33	knots							0.4	0.4	1.8	0.8	0.4		3.8
	≥34	knots													
	DIRECTION ONLY		5.8	7.3	11.7	6.2	5.2	6.4	7.6	8.5	14.4	11.7	8.2	7.0	

GUERNSEY AIRPORT MET OFFICE 2022

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			15.0										
2			0.5					9.0		0.5			
3		0.5	2.0					1.0					
4				0.5	2.0								
5						1.0							
6													
7					2.5	2.5							
8	0.5	0.5			2.0								
9													
10	11.0					0.5							
11	8.0												
12													
13										1.5			
14				2.5					1.5				
15		3.0		10.0				6.5					
16		3.5	3.0										
17				1.0				2.0					
18								0.5		2.0		1.5	
19	0.5				1.0			4.0					
20													
21												3.5	
22		1.0						8.5				3.0	
23								6.0					
24								3.5					
25								0.5					
26													
27	2.0				0.5						1.5		
28													
29	0.5						1.0						
30	2.0												
31							1.0						
Tot Hrs	24.5	8.5	20.5	14.0	8.0	4.0	2.0	41.5	1.5	4.0	1.5	8.0	138.0
Tot Days	7	5	4	4	5	3	2	10	1	3	1	3	48

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 2022

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			8.5										
2								6.5					
3								0.5					
4					2.0								
5						1.0							
6													
7					2.5	1.0							
8					0.5								
9													
10	2.0					0.5							
11	3.5												
12													
13													
14				1.5									
15				9.5				5.5					
16		1.5	1.5										
17				0.5				2.0					
18										2.0			
19					0.5			3.0					
20													
21													
22								8.0				1.5	
23								5.5					
24								1.0					
25													
26													
27	2.0				1.0								
28													
29													
30													
31													
Tot Hrs	7.5	1.5	10.0	11.5	6.5	2.5	0.0	32.0	0.0	2.0	0.0	1.5	75.0
Tot Days	3	1	2	3	5	3	0	8	0	1	0	1	27

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 2022

MONTH 2022	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	9.8	9.6	13.3	2nd	6.0	5.8	2.8	23rd	53.1	117.2	17.8	8th	41.9	53.5	6.3	20th
FEB	10.8	9.3	13.5	7th	6.5	4.9	4.0	24th	78.1	80.0	16.3	13th	96.9	97.2	9.6	27th
MAR	12.3	11.0	16.3	24th	7.0	6.1	3.1	31st	41.5	64.1	15.8	1st	166.1	147.5	10.3	18th & 25th
APR	13.7	13.6	18.8	16th	7.7	7.3	2.6	2nd	25.3	45.6	11.0	7th	239.6	231.0	13.2	25th
MAY	17.9	15.9	23.9	17th	10.3	9.5	8.3	13th	13.4	44.0	5.5	22nd	223.4	257.7	14.1	28th
JUN	20.1	18.7	30.4	17th	12.7	12.0	10.2	13th	41.9	47.7	9.3	4th	264.1	237.7	14.5	13th & 15th
JUL	24.0	21.2	34.6	18th	15.2	13.9	11.7	1st	0.1	38.9	0.1	19th	303.8	280.2	14.4	5th & 9th
AUG	23.7	21.1	31.7	13th	16.1	14.3	14.0	26th	36.6	53.0	26.4	24th	273.3	239.2	14.3	6th
SEP	20.2	19.5	25.6	12th	14.0	13.6	9.9	29th	62.6	53.7	10.2	27th	169.8	189.3	10.5	17th
OCT	17.6	16.1	20.0	19th	13.1	11.4	10.4	8th	87.7	116.9	14.3	23rd	112.8	125.2	8.9	6th
NOV	14.0	12.5	17.4	13th	9.8	8.5	4.7	30th	191.0	108.7	27.9	2nd	90.2	66.8	6.6	4th
DEC	9.7	11.0	14.2	31st	6.1	7.2	0.3	12th	141.5	111.6	28.6	18th	37.8	80.4	5.1	16th & 17th
YEAR	16.2	15.0	34.6	15-Jul	10.4	9.5	0.3	02-Apr	772.8	881.4	28.6	18-Dec	2019.7	2005.7	14.5	13th & 15th June

Note: 10 year average is 2012-2021

METEOROLOGICAL OBSERVATIONS JANUARY 2022

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER				
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			hPa	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.				MEAN	MAX		
		at 9a.m.										mm	hrs					
Sat	1	1019.6	13.1	11.5	12.3	9.4	10.8	10.6	170	11	11.8	24	6.7	1.3	Cldy. Occn rain, bec hvy and prstnt for a time by eve			
Sun	2	1015.8	12.7	11.1	11.9	10.2	11.0	10.7	230	14	18.3	39	4.2	0.6	Rain early am, cldy briefly fair pm with occn shwrs			
Mon	3	1014.3	11.6	9.4	10.5	9.0	10.9	10.8	250	17	12.9	32	5.5	NIL	Cldy with rain, occn hvy am, clrng early eve			
Tue	4	1000.8	9.9	5.0	7.5	6.2	10.5	10.9	270	18	14.0	31	TR	0.4	Cloudy with occn light shwrs			
Wed	5	1016.7	7.8	5.3	6.6	2.4	9.1	10.9	340	11	9.4	24	0.1	2.0	Fair becoming cloudy eve, shwrs late eve			
Thu	6	1020.7	9.2	4.5	6.9	2.1	8.4	10.7	210	10	13.2	33	2.0	0.1	Cldy. Pre-dawn shwrs then rain by early pm clrng to shwrs eve			
Fri	7	1016.9	9.9	4.7	7.3	2.6	8.3	10.5	290	13	17.2	41	7.5	0.8	Frqnt shwrs am, occn with hail. Rain pm clrng to shwrs			
Sat	8	1009.7	10.6	5.6	8.1	6.2	8.6	10.3	240	23	20.9	76	16.2	NIL	Hvy rain clrng to hvy rain/hail shwrs pm. Gale 1352-1410. Squall			
Sun	9	1006.9	9.4	6.8	8.1	3.6	8.4	10.2	290	14	12.2	35	6.0	0.3	Fair with isol shwrs, bec cldy with rain from late pm			
Mon	10	1017.5	11.0	7.3	9.2	6.4	8.6	10.1	170	10	7.6	19	5.2	NIL	Cloudy with rain, drizzle and hill fog			
Tue	11	1029.6	12.4	8.4	10.4	4.2	9.1	10.0	190	03	3.6	12	1.2	1.3	Cldy with rain, drz & fog. Briefly fair early pm			
Wed	12	1040.1	10.8	8.1	9.5	9.0	9.7	10.0	050	06	5.9	14	TR	0.2	Drz, fog & mist clrng mid am, low cloud persisting, occn fair pm			
Thu	13	1041.6	8.9	3.2	6.1	-0.7	9.0	10.1	090	07	7.2	18	NIL	8.0	Some early morning low cloud, soon clearing to fine			
Fri	14	1035.6	9.8	3.2	6.5	-1.3	8.2	10.1	080	06	7.0	16	NIL	8.0	Fine bec cloudy by evening			
Sat	15	1027.4	8.2	2.8	5.5	-0.9	7.8	10.0	200	04	7.2	16	8.8	NIL	Cloudy, fair periods in the morning			
Sun	16	1027.2	11.6	7.7	9.7	4.9	8.2	9.9	240	15	10.7	26	TR	4.4	Cldy with hvy shwrs early am, occn fair pm with isol shwr			
Mon	17	1038.7	9.3	4.5	6.9	-1.9	8.2	9.7	350	03	3.8	09	NIL	1.8	Fine bec cldy occn fair esp early pm			
Tue	18	1037.4	7.1	3.2	5.2	-1.2	7.8	9.7	120	07	5.1	14	TR	1.2	Mainly cloudy occn fair			
Wed	19	1030.1	10.0	3.8	6.9	-0.9	7.7	9.6	300	06	8.4	21	0.8	0.4	Mainly cldy, rain/drz & fog ptchs early pm. Fine by late eve			
Thu	20	1036.1	8.5	4.8	6.7	2.6	7.8	9.5	010	09	8.6	21	NIL	6.3	Fair occasional cloudy periods			
Fri	21	1041.3	7.5	3.5	5.5	0.6	7.5	9.5	020	03	4.0	10	NIL	1.7	Cloudy becoming fair with excellent vis throughout			
Sat	22	1039.5	7.3	4.3	5.8	-1.9	7.4	9.4	340	06	4.1	11	NIL	NIL	Cloudy			
Sun	23	1035.5	6.7	3.7	5.2	4.9	7.6	9.3	100	09	7.4	16	NIL	0.1	Cloudy			
Mon	24	1031.4	7.2	3.0	5.1	3.2	7.4	9.3	110	05	6.9	16	NIL	4.2	Cloudy became fine pm			
Tue	25	1033.4	6.0	2.2	4.1	-2.0	7.1	9.2	140	04	4.3	10	TR	NIL	Fair early morning becoming cloudy with mist then haze			
Wed	26	1036.1	7.7	5.7	6.7	4.7	7.3	9.1	200	06	6.6	14	TR	NIL	Cloudy & hazy with occ light drizzle			
Thu	27	1032.3	10.6	7.4	9.0	5.1	7.5	9.1	260	11	10.9	22	0.5	0.2	Mainly cloudy am, bec misty with drizzle and hill fog pm			
Fri	28	1037.8	10.9	5.8	8.4	-1.0	7.6	9.0	260	04	6.9	21	0.4	3.2	Fine bec cldy pm & eve with drizzle, fog & mist			
Sat	29	1034.5	10.3	9.0	9.7	7.9	8.1	9.0	270	17	14.9	28	0.4	NIL	Cldy, patchy light rain/drz at times. Fog late eve			
Sun	30	1035.2	10.4	6.1	8.3	0.3	8.3	9.1	030	02	6.8	27	0.5	4.9	Fair, becoming cloudy pm. Occ rain in the evening			
Mon	31	1028.5	9.9	7.7	8.8	3.4	8.2	9.2	320	18	14.7	31	TR	3.0	Cloudy with early light rain, occn fair with ptchy light shwrs pm			
MEAN		1028.0	9.6	5.8	7.7	3.0	8.5	9.9	W	9.4	9.4	TOTAL	66.0	54.4	8th - 76 Knot gust highest since 25/1/1990, 4th highest @ airport.			
30 YEAR AVG																		
1991-2020		1017.6	9.0	5.4	7.2	3.1	7.3	8.6	SW	13.2	13.4	////	92.0	62.6				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		15	10	0	2	0	0	0	10	8	1	1	8					
RECORDS FROM JANUARY 1947															RAINFALL	66.0 mm	SUNSHINE	54.4 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	15	SUNLESS DAYS	8					
DAY/YEAR	11th/2001	YEAR	1992	DAY/YEAR	20th/1963	YEAR	2007	YEAR	1998	WET DAYS	10							
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 2022

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			hPa															
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
Tue	1	1028.5	10.4	8.1	9.3	4.8	8.2	9.2	290	19	16.4	33	0.1	NIL	Cloudy with rain or drizzle			
Wed	2	1027.9	10.2	8.0	9.1	7.4	8.6	9.2	310	08	10.1	23	0.3	0.1	Cloudy some bright spells pm			
Thu	3	1017.7	11.0	7.2	9.1	6.8	8.7	9.3	230	13	11.3	23	1.0	1.7	Cloudy with light rain & drizzle. Mist and fog am			
Fri	4	1012.9	9.7	7.0	8.4	7.4	9.0	9.4	300	13	15.1	30	0.2	6.0	Cloudy with rain am, clrng by mid am to bec fine			
Sat	5	1026.1	11.0	6.1	8.6	1.9	8.3	9.4	260	11	15.0	36	2.9	5.4	Fine occn cldy with slt shwrs am bec cldy pm, rain/drz eve			
Sun	6	1015.5	11.5	8.9	10.2	7.4	8.8	9.5	250	27	23.9	43	3.3	0.1	Cldy with rain & drzl, bec fair late pm, fine late eve			
Mon	7	1030.1	11.3	6.0	8.7	0.0	8.7	9.4	310	03	9.8	21	2.0	4.0	Fine am, becoming cloudy with mist, rain and drizzle			
Tue	8	1031.9	10.3	9.3	9.8	8.3	9.2	9.5	240	12	9.8	19	0.4	NIL	Cloudy with light drizzle. Mist and fog patches am			
Wed	9	1027.3	11.1	8.2	9.7	7.1	9.3	9.5	230	07	7.9	15	4.3	1.4	Patchy drizzle, became fair for a time, further drizzle by evening			
Thu	10	1024.7	9.0	5.8	7.4	5.5	9.5	9.6	020	05	9.0	21	3.2	0.4	Cldy with rain & drz, brfly hvy am clrng late pm to fine			
Fri	11	1034.6	9.6	4.0	6.8	-1.8	8.4	9.7	010	04	5.3	14	NIL	5.0	Fine with inc high cloud pm, clearing again eve			
Sat	12	1025.2	7.9	4.9	6.4	-0.1	8.3	9.6	190	06	13.5	23	NIL	5.5	Cldy at first bec fair, cloud developing from mid pm			
Sun	13	1004.5	9.9	7.2	8.6	4.8	8.1	9.5	180	20	18.4	38	21.7	NIL	Cloudy with rain from mid am bec hvy pm			
Mon	14	1001.8	9.9	4.5	7.2	3.9	8.3	9.4	350	05	12.7	30	7.9	3.7	Heavy rain/hail shwrs am bec isolated pm & eve			
Tue	15	1013.8	10.7	7.5	9.1	3.7	8.1	9.3	230	16	17.9	34	11.4	NIL	Bec cldy by dawn. Rain from midday, drz, mist & fog later			
Wed	16	1006.9	11.8	10.6	11.2	10.0	8.9	9.3	250	20	24.3	40	0.2	NIL	Rain, drizzle mist and hill fog			
Thu	17	1016.4	12.0	9.5	10.8	7.4	9.3	9.3	270	17	16.9	35	0.7	3.4	Cloudy with sunny periods in the morning. Rain by evening			
Fri	18	999.9	11.5	4.8	8.2	7.8	9.5	9.4	240	33	24.5	59	1.6	6.1	Cloudy bec fair, rain & hail showers pm			
Sat	19	1017.9	10.0	4.5	7.3	1.6	8.6	9.5	240	19	18.4	47	1.6	2.1	Fair isol shwrs am, cldy with rain/drz pm. Fair eve. Gale 1321-1323			
Sun	20	1015.8	11.1	8.5	9.8	7.3	8.9	9.5	250	23	25.1	51	2.3	NIL	Cldy & hzy with light rain am. Drz & rain pm, clrg to shwrs eve. Gales			
Mon	21	1016.6	10.7	5.6	8.2	3.8	8.7	9.5	290	25	20.8	48	0.1	5.7	Odd shower at first, cldy bec fair			
Tue	22	1023.2	12.3	8.1	10.2	5.9	8.9	9.5	250	18	14.8	34	TR	3.2	Cldy. Rain, drz & mist am clrng, further rain pm. Fine late pm			
Wed	23	1026.7	10.8	5.1	8.0	-0.5	9.1	9.5	210	08	10.0	24	1.6	4.0	Fair bec cldy with slight rain pm			
Thu	24	1013.7	9.2	3.3	6.3	5.9	8.9	9.5	300	21	18.4	43	0.5	5.2	Rain early, became fair with scattered rain/hail showers			
Fri	25	1029.5	10.1	5.2	7.7	1.9	8.2	9.5	320	09	8.4	25	NIL	8.4	Fair am with light shwr bec fine pm. Dry air			
Sat	26	1030.0	9.2	4.3	6.8	-1.4	7.9	9.4	150	13	13.5	27	NIL	10.0	Fine. Dry air			
Sun	27	1020.9	9.8	5.2	7.5	2.5	8.1	9.4	150	16	14.3	28	NIL	10.0	Fine cloudy eve			
Mon	28	1024.3	10.9	8.5	9.7	5.5	8.3	9.3	180	12	11.5	21	11.3	1.3	Cloudy with rain arriving mid afternoon			
MEAN		1020.2	10.5	6.6	8.6	4.5	8.7	9.4	W	14.4	14.9	TOTAL	78.6	92.7	18th - Storm Dudley			
30 YEAR AVG		1017.8	8.8	4.9	6.9	2.5	7.0	8.0	SW	12.5	12.6	////	75.8	87.0	20th - Storm Eunice			
1991-2020															21st - Storm Franklin			
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				
		20	14	0	3	0	0	0	4	6	0	3	6					
RECORDS FROM JANUARY 1947																		
WETTEST DAY		59.0mm	DRIEST MONTH		4.8mm	LOWEST MIN		-7.2°C	WARMEST MNTH		9.0°C	SUNNIEST MNTH		150.5	RAINFALL	144.6 mm	SUNSHINE	147.1 hrs
DAY/YEAR		18th/1978	YEAR		1965	DAY/YEAR		21st/48,7th/91	YEAR		1990	YEAR		2019	RAIN DAYS	35	SUNLESS DAYS	14
WETTEST MNTH		182.8mm	HIGHEST MAX		16.1°C	LOWEST GRASS		-11.1°C	COLDEST MNTH		1.5°C	DULLEST MNTH		36.1hrs	WET DAYS	24		
YEAR		1978	DAY/YEAR		27th/2019	DAY/YEAR		12th/1978	YEAR		1986	YEAR		1976				

METEOROLOGICAL OBSERVATIONS MARCH 2022

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm		hrs		
Tue	1	1024.4	10.0	9.0	9.5	8.9	9.1	<u>9.3</u>	130	06	7.7	16	<u>13.9</u>	NIL	Dull with persistent rain and drizzle, mist and extensive hill fog			
Wed	2	1018.8	10.8	8.7	9.8	7.8	9.3	9.4	120	11	8.7	19	2.2	0.2	Cldy with lt rain until mid am. Rain, drz & fog again @ dusk clrng			
Thu	3	1013.3	11.5	8.3	9.9	7.1	9.5	9.4	270	09	11.1	20	TR	1.3	Cldy with rain, drz, fog & mist clearing mid am, occn fair late pm			
Fri	4	1022.0	10.0	6.8	8.4	5.5	9.4	9.5	330	13	10.0	21	0.4	7.6	Cloudy becoming fine mid morning. Occn showers eve			
Sat	5	1024.6	7.6	5.4	6.5	2.8	9.4	9.5	010	11	11.9	28	1.0	1.8	Fair bec cloudy, with showers in aft/eve			
Sun	6	1026.4	7.4	5.1	6.3	3.3	8.5	9.6	040	12	13.1	29	TR	0.6	Cloudy with the occn shower			
Mon	7	1023.3	<u>6.7</u>	3.6	<u>5.2</u>	1.3	8.0	9.6	090	14	13.8	28	NIL	6.8	Fair to cloudy am bec fine pm, fair eve			
Tue	8	1010.1	10.1	4.2	7.2	1.6	<u>7.8</u>	9.5	150	18	13.6	26	TR	3.4	Fine bec cldy late am light rain or shwrs pm & evening			
Wed	9	1015.4	10.9	7.3	9.1	4.8	8.2	<u>9.3</u>	170	<u>21</u>	15.4	30	0.6	3.0	Cloud clrng mid am to bec fine. Cldy late am with rain by late pm			
Thu	10	1017.2	10.3	6.1	8.2	6.5	8.7	<u>9.3</u>	220	06	9.6	26	4.6	1.7	Cldy with ptchy light rain mid pm & late eve. Fair or fine late pm			
Fri	11	<u>999.4</u>	11.7	8.1	9.9	3.7	9.0	<u>9.3</u>	150	17	15.5	30	2.4	2.5	Rain am, clearing by noon to occn shwrs			
Sat	12	1009.7	11.5	7.1	9.3	4.6	9.0	<u>9.4</u>	190	14	<u>16.6</u>	33	0.7	7.7	Shwrs early am bec fine. Cloud inc pm with rain late eve			
Sun	13	1004.2	12.2	6.7	9.5	6.6	9.4	9.4	180	13	12.4	28	1.1	5.5	Fair with early rain. Sct shwrs pm & eve			
Mon	14	1024.0	11.4	6.8	9.1	3.6	9.4	9.5	170	10	7.4	19	TR	2.4	Cloudy with early rain, clrng to fair with isol shwrs			
Tue	15	1021.2	13.2	6.9	10.1	3.5	9.6	9.5	140	08	7.5	17	TR	8.7	Extensive thin high cloud			
Wed	16	1016.9	11.5	7.8	9.7	8.3	10.1	9.6	170	09	9.6	23	<u>8.2</u>	NIL	Rain from mid am & bec foggy clearing by late pm			
Thu	17	1033.7	11.3	4.8	8.1	<u>0.5</u>	9.4	9.7	320	<u>03</u>	<u>5.8</u>	20	TR(dew)	10.9	Fine			
Fri	18	<u>1040.2</u>	12.7	5.8	9.3	1.2	9.2	9.7	080	11	10.8	28	NIL	<u>11.1</u>	Fine			
Sat	19	1032.2	12.0	7.6	9.8	4.6	9.4	9.8	090	19	14.5	29	NIL	8.2	Fine, high cloud pm			
Sun	20	1024.9	12.2	6.4	9.3	3.8	9.6	9.8	140	11	10.9	21	TR	7.3	Fine bec cloudy with occasional rain late eve			
Mon	21	1026.0	15.0	7.9	11.5	5.4	9.7	9.8	130	12	10.3	19	NIL	6.0	Fair or fine			
Tue	22	1026.0	14.0	9.1	11.6	6.5	10.1	9.8	130	15	11.1	23	NIL	10.5	Fine. Dry air			
Wed	23	1028.5	14.8	7.3	11.1	4.5	10.1	9.9	140	12	8.0	16	NIL	10.5	Fine. Dry air pm			
Thu	24	1028.8	<u>16.0</u>	6.6	11.3	3.3	10.1	10.0	060	06	7.4	17	NIL	10.6	Fine. Dry air			
Fri	25	1028.7	15.2	8.9	<u>12.1</u>	5.4	10.2	10.0	070	10	10.8	22	NIL	10.6	Fine. Dry air and hazy at times			
Sat	26	1029.4	13.6	7.6	10.6	4.5	10.3	10.1	060	14	12.0	26	NIL	10.5	Fine but hazy			
Sun	27	1028.5	14.4	8.5	11.5	5.4	10.5	10.2	080	12	10.1	19	NIL	10.3	Fine but hazy			
Mon	28	1021.3	15.2	7.6	11.4	5.7	10.7	10.3	120	10	7.3	15	0.8	NIL	Fine & hazy, soon bec cldy with shwrs from early eve			
Tue	29	1009.9	12.6	<u>9.4</u>	11.0	<u>9.0</u>	11.0	10.3	090	09	8.1	17	TR	0.1	Cldy with mist & haze. Lt shwrs early am and early pm			
Wed	30	1006.6	9.9	6.3	8.1	7.5	<u>11.1</u>	10.4	010	09	7.0	15	2.2	2.2	Hazy with brief brighter spells pm			
Thu	31	1008.1	8.7	<u>2.2</u>	5.5	3.7	10.6	<u>10.5</u>	020	16	14.9	<u>39</u>	0.1	7.3	Cldy with rain & sleet am, clrng to fair with occn wintry shwrs pm			
MEAN		1020.8	11.8	6.9	9.3	4.9	9.6	9.7	SE	11.6	10.7	TOTAL	38.2	169.3				
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	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN				
		WITH	12	8	1	1	0	0	0	0	4	1	0	3	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947															RAINFALL 182.8 mm		SUNSHINE 316.4 hrs	
WETTEST DAY		30.0mm	DRIEST MONTH		2.7mm	LOWEST MIN		-2.2°C	WARMEST MNTH		10.3°C	SUNNIEST MNTH		214.8	RAIN DAYS 47 SUNLESS DAYS 17			
DAY/YEAR		28th/1960	YEAR		1961	DAY/YEAR		10th/11th/1958	YEAR		1957	YEAR		2009	WET DAYS 32			
WETTEST MNTH		179.6mm	HIGHEST MAX		19.6°C	LOWEST GRASS		-9.4°C	COLDEST MNTH		4.4°C	DULLEST MNTH		67.4hrs				
YEAR		2001	DAY/YEAR		30th/2021	DAY/YEAR		3rd/1965	YEAR		1962	YEAR		1964				

METEOROLOGICAL OBSERVATIONS APRIL 2022

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						
Fri	1	1018.2	<u>8.1</u>	3.6	5.9	0.7	9.4	10.6	360	16	15.2	32	TR	11.0	Fair or fine with isol light shwr eve. Good viz & dry air			
Sat	2	1022.8	<u>8.4</u>	3.3	5.9	-0.5	9.0	10.5	020	08	6.4	16	0.2	10.6	Fine occn fair. Good viz & dry air pm			
Sun	3	1027.7	8.8	<u>1.7</u>	<u>5.3</u>	<u>-1.7</u>	<u>8.8</u>	10.3	010	<u>04</u>	5.9	21	TR	11.3	Early rain & sleet shwrs bec fine. Good viz & dry air			
Mon	4	1019.5	10.0	4.0	7.0	-0.8	8.9	10.2	260	18	14.7	34	0.1	NIL	Cldy with occn rain am, bec misty with drizzle & hill fog pm			
Tue	5	1015.1	12.7	8.9	10.8	7.3	9.5	<u>10.1</u>	290	15	13.7	26	TR	4.7	Cldy with patchy drz mainly before dawn, occn fair pm			
Wed	6	1005.2	12.1	8.9	10.5	7.5	10.1	<u>10.1</u>	230	<u>23</u>	<u>20.1</u>	33	2.9	1.4	Cldy with rain & drizzle late am, some fair periods pm			
Thu	7	996.1	11.8	8.3	10.1	8.9	10.2	<u>10.1</u>	280	21	19.2	<u>40</u>	<u>13.1</u>	8.4	Fair to cldy with occn light shwrs			
Fri	8	<u>994.3</u>	8.7	4.5	6.6	4.6	10.1	10.2	070	14	10.0	26	6.0	2.7	Cldy with rain clrng late pm to fair with shwrs eve. Lghtng late eve			
Sat	9	1018.4	10.0	4.8	7.4	2.6	9.5	10.3	350	09	7.4	20	NIL	12.1	Fine, excellent vis pm			
Sun	10	1018.9	12.0	3.8	7.9	-0.7	9.4	10.2	150	15	11.3	23	NIL	8.0	Fine early & late, xtnsv high cloud thru day. Early hoar frost, xlnv viz			
Mon	11	1004.6	16.0	7.6	11.8	4.8	9.8	10.2	130	17	11.2	26	4.1	10.2	Fair with good viz. Lightning late eve			
Tue	12	1004.1	13.6	<u>10.8</u>	12.2	6.8	10.5	10.2	170	09	9.2	23	1.2	0.7	Cloudy with showers. T/storm @ 0006hrs			
Wed	13	1016.7	16.6	9.3	<u>13.0</u>	6.5	11.0	10.4	190	06	<u>4.9</u>	12	TR	6.7	Occn fine but mostly fair/cldy. Lt rain/shwrs mid am & early eve			
Thu	14	1022.5	17.5	7.8	12.7	4.4	11.6	10.5	170	<u>04</u>	5.1	15	NIL	12.1	Shallow fog bec fog for a time am, clrng to fine			
Fri	15	1026.7	13.3	7.7	10.5	4.8	12.1	10.7	300	06	5.5	12	TR(fog)	5.0	Fog by dawn burning back to coasts pm, returning inland later pm			
Sat	16	1028.8	<u>19.1</u>	6.6	12.9	6.5	12.1	10.9	120	08	7.0	14	NIL	13.1	Early fog ptchs then fine, dry air at times			
Sun	17	1022.5	15.0	9.2	12.1	7.6	12.7	11.0	150	14	9.0	18	TR	8.5	Xtnsv high cloud with occ patchy fog late aft & eve			
Mon	18	1020.1	13.0	7.7	10.4	6.1	12.5	11.3	300	06	6.7	16	NIL	10.5	Xtnsv high cloud am, bec fair pm, fine eve			
Tue	19	1018.3	11.8	7.3	9.6	5.9	12.2	11.4	330	09	7.5	16	NIL	11.3	Cloudy becoming fair or fine			
Wed	20	1015.7	13.6	7.5	10.6	5.3	12.1	11.5	030	10	7.1	19	NIL	11.8	Fair or fine			
Thu	21	1009.8	16.4	7.7	12.1	5.8	12.2	11.6	100	05	7.9	22	NIL	10.1	Cloudy, bec fair or fine. Occn dry air			
Fri	22	1004.0	13.7	9.2	11.5	8.1	<u>12.8</u>	11.6	060	14	14.1	28	NIL	11.2	Fine occn fair pm & eve			
Sat	23	998.9	14.3	9.5	11.9	8.5	12.6	11.7	050	12	13.4	29	0.7	6.7	Xtnsv med/high cloud, occn hazy. Shwrs late eve			
Sun	24	1006.0	15.1	9.0	12.1	<u>9.3</u>	12.7	11.7	040	10	8.6	21	1.5	6.8	Cloudy with showers clearing late am to bec fine			
Mon	25	1014.2	12.5	7.2	9.9	3.6	12.5	11.8	060	11	8.1	18	NIL	<u>13.2</u>	Fine			
Tue	26	1020.0	13.8	6.7	10.3	0.8	12.5	11.9	060	10	10.6	25	NIL	11.3	Fair became fine. Dry air early evening			
Wed	27	1025.1	12.6	8.3	10.5	6.1	<u>12.8</u>	12.0	060	14	14.1	30	NIL	10.9	Extensive high cloud from late am			
Thu	28	1028.1	13.3	8.9	11.1	8.0	12.2	<u>12.1</u>	060	15	12.8	26	NIL	1.1	Xtnsv med/high cloud			
Fri	29	<u>1030.7</u>	13.3	8.4	10.9	6.0	12.1	12.0	030	10	8.7	18	NIL	11.0	Fine am, high cloud encroaching pm			
Sat	30	<u>1030.7</u>	11.7	6.8	9.3	1.3	12.2	11.9	060	05	7.1	19	TR	0.5	Cloudy			
MEAN		1016.1	13.0	7.2	10.1	4.8	11.2	11.0	NE	11.3	10.1	TOTAL	29.8	242.9				
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 8	WET ≥1.0mm 6	SNOW/ SLEET 1	HAIL 0	THNDER 1	LGHTNG 3	AIR FROST 0	GROUND FROST 4	FOG FOG 4	FOG 9a.m. 1	GALE 0	NO SUN 1	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947															RAINFALL	212.6 mm	SUNSHINE	559.3 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	55	SUNLESS DAYS	18
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	WET DAYS	38		

METEOROLOGICAL OBSERVATIONS MAY 2022

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						
Sun	1	1024.4	15.0	7.5	11.3	4.9	12.2	12.0	150	06	4.7	12	2.6	2.3	Cloudy occ rain from late afternoon			
Mon	2	1021.3	12.9	8.6	10.8	8.2	12.7	12.0	040	04	5.3	14	NIL	5.3	Rain clrng early morning. Fine pm, cloudy by early eve			
Tue	3	1021.8	16.6	9.5	13.1	9.2	12.8	12.0	360	05	5.3	13	NIL	6.7	Fine. Early mist became haze, clrng briefly pm. Occ dry air			
Wed	4	1021.6	15.3	7.8	11.6	2.3	13.1	12.0	290	09	8.3	20	NIL	12.4	Early mist and coastal fog, clrd to fine. Low cloud by late eve			
Thu	5	1026.1	14.7	8.9	11.8	4.4	13.3	12.2	340	08	7.2	14	NIL	13.4	Fair with coastal fog late am. Xtnsv high cloud for a time pm			
Fri	6	1028.6	13.6	9.5	11.6	5.8	13.5	12.2	280	08	9.7	19	NIL	6.5	Fine, became fair, then cloudy			
Sat	7	1026.9	15.9	10.8	13.4	9.8	13.8	12.4	350	12	7.8	18	NIL	11.7	Early mist and fog soon clearing to fine			
Sun	8	1027.7	14.9	9.5	12.2	6.8	13.8	12.6	060	10	7.6	19	NIL	9.5	Early morning mist/fog soon clearing to mainly fair or fine			
Mon	9	1023.9	20.7	9.4	15.1	6.8	14.1	12.7	150	09	8.3	15	NIL	10.6	Extensive high cloud			
Tue	10	1019.1	16.6	10.9	13.8	11.1	14.7	12.9	230	11	10.7	22	TR	5.5	Cloudy. Mist early with light rain mid am. Fine evening			
Wed	11	1012.8	16.5	10.9	13.7	7.7	14.4	13.0	200	13	12.1	34	0.8	5.9	Fair, bec cloudy with rain/drizzle mid afternoon, then bec fine			
Thu	12	1022.2	15.4	10.0	12.7	5.9	14.4	13.1	270	08	9.3	19	NIL	9.6	Bec cloudy by dawn. Fine pm			
Fri	13	1024.3	16.6	10.1	13.4	6.4	14.0	13.1	270	10	9.0	19	NIL	14.1	Fair or fine			
Sat	14	1022.6	16.9	10.1	13.5	3.1	14.0	13.2	300	02	7.4	27	TR	10.3	Fine becoming cloudy by afternoon. Lightning to west evening			
Sun	15	1011.4	21.9	13.8	17.9	11.7	14.5	13.2	110	13	11.5	22	0.4	3.4	Cloudy with isol shwrs. Lightning early am and eve. Fog late eve			
Mon	16	1015.8	17.8	12.5	15.2	10.9	14.8	13.3	170	11	8.8	22	0.3	6.4	Fog early then mainly fair with isolated showers			
Tue	17	1017.3	23.8	12.8	18.3	11.6	14.9	13.4	130	10	11.9	26	TR	9.1	Fair bec cloudy with occn shwrs, clrng later			
Wed	18	1021.0	19.8	10.9	15.4	8.6	15.0	13.5	150	08	8.7	19	0.5	4.5	Fair with mainly high cld, distant shwrs eve with lightning			
Thu	19	1020.8	17.0	11.4	14.2	8.8	15.2	13.6	250	06	5.4	14	0.3	11.7	Early shwrs & fog clrng by dawn to fine. Fair late pm bec cldy eve			
Fri	20	1020.3	16.3	10.9	13.6	8.7	15.2	13.7	320	09	10.0	26	TR	8.7	Cloudy with occn rain am. Fine by pm with low cloud eve			
Sat	21	1024.0	17.2	10.8	14.0	9.8	15.2	13.9	210	06	5.6	14	NIL	10.6	Patchy fog and low cloud early became fair			
Sun	22	1014.4	18.8	9.3	14.1	4.4	15.8	13.9	050	06	5.0	13	6.2	5.9	Cloudy with sunny periods, showers eve			
Mon	23	1005.4	15.7	11.1	13.4	10.1	15.6	14.0	320	09	9.8	24	1.5	3.8	Cloudy with isol shower mid morning, then again mid evening			
Tue	24	1009.0	15.9	10.2	13.1	7.8	15.2	14.1	270	10	10.4	19	TR	11.7	Early shwrs clrng to fine bec cldy eve			
Wed	25	1017.6	16.0	10.4	13.2	7.8	15.2	14.1	230	16	15.0	29	TR	0.7	Fine early am, soon bcmg cldy with occ rain and drz			
Thu	26	1026.6	15.7	12.1	13.9	10.5	14.9	14.1	280	13	12.5	22	0.1	2.2	Mainly cloudy with occn rain & drz. Occn fair pm			
Fri	27	1027.6	16.7	11.0	13.9	11.2	15.1	14.1	290	10	9.2	19	NIL	10.8	Cloudy with early fog & mist bec fair pm, fine eve			
Sat	28	1026.2	15.7	9.9	12.8	6.9	15.0	14.1	050	09	7.9	19	NIL	15.0	Fine			
Sun	29	1020.4	15.7	8.1	11.9	3.4	15.0	14.1	080	09	6.8	18	NIL	13.0	Fine but fair/cldy late am & early pm			
Mon	30	1014.6	16.0	8.8	12.4	1.9	14.9	14.2	170	08	5.3	14	TR	12.7	Fine with early shallow fog. Cloudy am, fair pm			
Tue	31	1014.3	16.1	8.4	12.3	2.2	15.2	14.2	300	08	7.9	18	NIL	13.4	Fine with isol showers am			
MEAN		1020.3	16.7	10.2	13.4	7.4	14.4	13.3	W	8.9	8.5	TOTAL	12.7	267.4				
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	3	0	0	0	4	0	0	8	0	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	225.3 mm	SUNSHINE	826.7 hrs
WETTEST DAY	40.4mm	DRIEST MONTH	4.1mm	LOWEST MIN	0.1°C	WARMEST MNTH	13.9°C	SUNNIEST MNTH	336.4hrs	RAIN DAYS	63	SUNLESS DAYS	18					
DAY/YEAR	24th/1950	YEAR	1989	DAY/YEAR	2nd/1979	YEAR	1989	YEAR	1989	WET DAYS	41							
WETTEST MNTH	128.7mm	HIGHEST MAX	25.9	LOWEST GRASS	-5.6°C	COLDEST MNTH	9.9°C	DULLEST MNTH	136.9hrs									
YEAR	1994	DAY/YEAR	30th/2003	DAY/YEAR	5th/1979	YEAR	1984	YEAR	1981									

METEOROLOGICAL OBSERVATIONS JUNE 2022

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						
Wed	1	1018.2	17.1	8.6	12.9	1.7	15.5	14.2	360	05	5.3	13	NIL	14.2	Fine with high cloud later			
Thu	2	1018.2	19.4	9.9	14.7	6.8	15.1	14.2	060	10	8.5	17	NIL	9.9	Fair, occ cloudy			
Fri	3	1014.1	20.5	13.1	16.8	11.7	15.9	14.3	040	07	7.7	18	0.9	6.2	Cloudy, occn fair. Light showers from late pm			
Sat	4	1015.3	19.0	13.0	16.0	11.9	16.1	14.4	080	13	11.3	27	9.8	5.6	Cldy, occ shwrs am & hvy shwrs eve. T/S 1955-2025 & 2052-2102			
Sun	5	1017.1	17.9	12.6	15.3	9.1	16.2	14.5	250	09	9.0	21	TR	6.1	Cldy with drz & fog am, clrng to fair pm			
Mon	6	1017.3	18.6	12.3	15.5	9.8	16.2	14.5	230	12	9.4	20	3.2	7.2	Fair bec cldy pm with rain, drz & fog late eve			
Tue	7	1014.4	17.2	13.4	15.3	13.9	16.1	14.7	220	11	11.9	23	3.6	1.1	Mainly cldy with rain, drz, mist & fog late am and from mid eve			
Wed	8	1008.9	17.9	13.4	15.7	12.8	16.1	14.7	250	16	14.8	26	0.4	10.0	Early fog & drz clrng. Fair/cldy am fair/fine pm, isol shwrs pm			
Thu	9	1018.8	19.4	12.4	15.9	10.5	16.1	14.8	230	11	12.3	30	1.7	5.1	Cldy with isol shwrs am. Occn fair pm bec cldy with fog late pm			
Fri	10	1021.5	19.4	14.1	16.8	14.6	16.4	14.8	220	10	10.4	19	NIL	4.6	Cldy. Drz, mist & fog am clrng by dawn. Occn fair pm & eve			
Sat	11	1024.7	18.4	12.5	15.5	10.6	16.8	14.8	230	10	9.4	19	NIL	14.2	Fair bec fine			
Sun	12	1027.6	15.8	11.9	13.9	9.7	16.5	15.0	310	08	8.0	18	NIL	15.0	Fine			
Mon	13	1027.6	17.5	11.3	14.4	8.1	16.7	15.1	350	07	5.9	13	NIL	15.2	Fine			
Tue	14	1021.3	20.8	9.4	15.1	4.1	16.5	15.2	050	07	6.1	13	NIL	14.8	Fine, xlnr viz			
Wed	15	1018.2	21.0	13.0	17.0	9.8	17.0	15.3	020	11	7.2	15	NIL	14.8	Fair bec fine			
Thu	16	1022.8	24.3	11.1	17.7	5.2	17.6	15.3	120	05	5.8	17	NIL	13.8	Early shallow fog then fine with high cloud pm. Dry air			
Fri	17	1021.1	28.9	17.3	23.1	13.3	17.9	15.5	170	09	6.4	16	NIL	13.4	Fine and hot			
Sat	18	1016.1	21.9	12.6	17.3	12.7	18.5	15.7	040	07	11.8	37	3.3	3.6	Cldy, occ fair. Fog and mist early am, shwrs from early eve			
Sun	19	1010.8	15.1	11.3	13.2	10.8	17.1	15.8	030	16	15.1	35	3.5	0.3	Cloudy with sct shwrs am, isol shwrs eve			
Mon	20	1017.0	17.8	13.5	15.7	12.3	16.2	15.8	060	15	12.8	31	NIL	8.3	Cloudy becoming fair to fine			
Tue	21	1014.1	19.6	12.9	16.3	10.4	16.8	15.7	040	09	8.9	19	NIL	9.1	Cloudy bec fine			
Wed	22	1012.0	21.2	13.4	17.3	10.7	17.2	15.6	050	11	9.9	25	0.2	13.2	Mainly fine occ fair am			
Thu	23	1009.9	19.5	13.1	16.3	8.4	17.3	15.7	230	05	7.1	16	0.2	6.4	Cloudy with showers am, bec fine pm. Cloudy late eve			
Fri	24	1006.1	18.7	13.1	15.9	10.6	17.4	15.7	200	10	11.4	27	5.7	1.9	Cldy, slt rain & drz am. Hvy rain & mist late pm, clrng eve			
Sat	25	1008.5	18.0	11.3	14.7	9.7	16.7	15.8	190	13	10.4	23	2.8	10.0	Fair or fine but cldy early pm with hvy shwrs			
Sun	26	1013.3	18.2	12.3	15.3	9.7	17.1	15.7	200	13	9.4	20	0.7	13.7	Fine bec cloudy pm			
Mon	27	1018.0	17.6	12.1	14.9	9.3	17.0	15.7	250	16	10.3	21	NIL	8.7	Showers early am, fair with fine periods			
Tue	28	1019.0	19.0	11.9	15.5	9.1	16.9	15.7	180	11	10.5	21	0.3	7.8	Fine bec cloudy pm with rain late eve			
Wed	29	1013.3	17.4	12.0	14.7	11.7	17.2	15.7	230	13	9.2	20	4.1	5.7	Fair or fine am bec cldy pm. Rain early am, shwrs/rain early eve			
Thu	30	1012.8	17.3	11.4	14.4	9.1	16.6	15.8	250	12	10.3	19	0.1	11.8	Cldy occn fair am with sct shwrs, fair pm			
MEAN		1016.6	19.1	12.3	15.7	9.9	16.7	15.2	NE	10.4	9.6	TOTAL	40.5	271.7				
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	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		15	9	0	0	1	2	0	0	7	0	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	265.8 mm	SUNSHINE	1098.4 hrs
WETTEST DAY	46.8mm	DRIEST MONTH	0.6mm	LOWEST MIN	5.4°C	WARMEST MNTH	16.7°C	SUNNIEST MNTH	355.3hrs	RAIN DAYS	78	SUNLESS DAYS	18					
DAY/YEAR	16th/1970	YEAR	1976	DAY/YEAR	1st/1975	YEAR	1976	YEAR	1975	WET DAYS	50							
WETTEST MNTH	129.7mm	HIGHEST MAX	30.8°C	LOWEST GRASS	-3.0°C	COLDEST MNTH	11.3°C	DULLEST MNTH	147.8hrs									
YEAR	1986	DAY/YEAR	26th/1976	DAY/YEAR	14th/1987	YEAR	1972	YEAR	1977									

METEOROLOGICAL OBSERVATIONS JULY 2022

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				
Fri	1	1019.1	18.3	<u>11.6</u>	<u>15.0</u>	9.2	16.9	15.8	240	14	9.1	21	NIL	9.9	Cldy with light showers early morn bec fair	
Sat	2	1020.6	19.0	11.9	15.5	8.3	<u>16.8</u>	<u>15.7</u>	210	11	9.6	20	TR	11.3	Fine/fair am to early pm, cldy with light rain mid pm, fine early eve	
Sun	3	1021.4	18.2	11.8	15.0	8.9	17.2	15.8	270	12	10.3	21	NIL	11.9	Bcmg cldy occn shwrs early am, clrng to fine mid am	
Mon	4	1024.8	<u>18.0</u>	11.9	<u>15.0</u>	8.1	17.2	15.8	310	07	8.6	20	NIL	10.4	Cldy mid am and eve, othrws fair or fine. Good viz	
Tue	5	1027.5	18.6	11.8	15.2	7.4	17.2	15.9	350	08	6.6	15	NIL	14.5	Mainly fine	
Wed	6	1029.9	21.5	13.9	17.7	10.4	17.8	15.9	030	05	7.8	20	NIL	14.4	Fine	
Thu	7	1030.1	19.9	14.5	17.2	12.3	18.0	16.1	330	08	7.4	17	NIL	4.5	Fine bec cldy early am until early eve then fine	
Fri	8	<u>1034.4</u>	22.8	13.0	17.9	5.9	17.8	16.2	300	06	5.7	12	NIL	13.4	Fine with occn dry air. Xtnsv high cloud for a time in the eve	
Sat	9	1031.1	23.2	15.2	19.2	11.8	18.4	16.2	050	11	7.7	20	NIL	15.3	Fine. Xlnt viz. Dry air pm	
Sun	10	1027.5	23.9	14.4	19.2	9.6	19.0	16.4	100	13	9.3	19	NIL	<u>15.4</u>	Fine, excellent visibility and dry air though daytime	
Mon	11	1023.0	25.5	16.3	20.9	13.6	19.7	16.5	100	09	8.3	16	NIL	14.5	Fine - high cloud pm	
Tue	12	1023.0	30.4	19.3	24.9	15.9	20.2	16.7	170	10	6.7	14	NIL	8.5	Fair early am, xtnsv high cloud pm & eve bec fair late eve	
Wed	13	1022.7	25.3	17.2	21.3	10.8	20.3	16.8	020	05	5.4	12	NIL	6.5	Fine bec cloudy with xtnsv high cloud	
Thu	14	1023.8	21.0	14.3	17.7	10.6	19.5	17.0	360	13	9.4	20	NIL	15.1	Cldy early am bec fine occn fair. Dry air pm	
Fri	15	1024.8	22.3	14.4	18.4	11.1	19.5	17.1	060	08	6.5	15	NIL	15.1	Fine. Dry air pm	
Sat	16	1024.5	24.7	14.1	19.4	9.0	20.0	17.1	080	08	8.1	19	NIL	13.5	Fair	
Sun	17	1024.1	30.0	17.3	23.7	14.9	20.2	17.3	120	11	10.1	22	NIL	13.2	Fine and hot. Dry air	
Mon	18	1019.3	<u>34.2</u>	<u>20.9</u>	<u>27.6</u>	18.6	20.9	17.4	130	11	10.2	20	NIL	13.6	Fine and hot. Dry air	
Tue	19	<u>1010.9</u>	30.3	16.7	23.5	<u>23.2</u>	<u>22.1</u>	17.4	310	08	11.9	25	<u>0.7</u>	11.9	Bec cldy with T/storm 1018-1121GMT. Fine pm	
Wed	20	1017.8	21.3	15.2	18.3	10.2	20.2	17.6	230	11	10.1	20	NIL	5.3	Fair early am, bec mostly cldy with haze at times pm	
Thu	21	1023.0	20.9	14.1	17.5	9.9	19.7	17.7	310	<u>04</u>	4.6	14	NIL	1.1	Mainly cloudy occn fair	
Fri	22	1018.9	20.8	14.0	17.4	9.0	19.6	17.7	350	09	7.8	19	NIL	11.4	Cloudy bec fair to fine	
Sat	23	1021.5	21.4	13.7	17.6	7.3	19.5	17.7	230	08	7.5	16	NIL	9.1	Fine bec cloudy am. Occn fair pm	
Sun	24	1017.0	24.0	15.9	20.0	12.9	20.0	17.7	200	11	10.8	24	TR	11.6	Fine bec cloudy evening	
Mon	25	1013.7	20.6	15.8	18.2	15.1	20.3	17.7	250	<u>17</u>	<u>14.6</u>	<u>30</u>	0.6	4.8	Mainly cldy with light shwrs, occn fair pm	
Tue	26	1021.5	20.8	15.0	17.9	14.3	19.6	<u>17.8</u>	330	06	5.8	15	NIL	7.7	Cldy until early pm, and then fine	
Wed	27	1020.6	19.9	12.7	16.3	<u>5.8</u>	19.3	<u>17.8</u>	170	05	4.6	12	NIL	5.2	Fair	
Thu	28	1015.6	21.3	13.9	17.6	8.3	19.0	17.7	310	<u>04</u>	<u>4.4</u>	11	NIL	8.5	Early shallow fog. Cloud clearing mid am to become fine	
Fri	29	1018.2	24.0	14.0	19.0	7.9	19.6	17.7	360	05	5.1	11	NIL	11.7	Early morning mist & fog, soon clearing to fine	
Sat	30	1021.0	21.6	15.3	18.5	9.4	20.0	17.7	240	10	9.9	22	TR	2.5	Cloudy with occasional drizzle pm	
Sun	31	1020.6	19.9	17.0	18.5	16.4	19.7	<u>17.8</u>	250	13	12.5	23	0.1	0.1	Cloudy with occn drizzle, mist and hill fog patches	
MEAN		1022.3	22.7	14.7	18.7	11.2	19.2	17.0	NW	9.1	8.3	TOTAL	1.4	311.9		
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		
		2	0	0	0	1	1	0	0	2	0	0	0			
RECORDS FROM JANUARY 1947																
WETTEST DAY	62.5mm	DRIEST MONTH	1.4mm	LOWEST MIN		8.3°C	WARMEST MNTH		19.4°C	SUNNIEST MNTH		340.5	RAINFALL	267.2 mm	SUNSHINE	1410.3 hrs
DAY/YEAR	7th/2004	YEAR	2022	DAY/YEAR		8th/1954	YEAR		1983	YEAR		2018	RAIN DAYS	80	SUNLESS DAYS	18
WETTEST MNTH	120.2mm	HIGHEST MAX	34.2°C	LOWEST GRASS		1.0°C	COLDEST MNTH		13.8°C	DULLEST MNTH		167.7hrs	WET DAYS	50		
YEAR	1960	DAY/YEAR	18th/2022	DAY/YEAR		7th/1996	YEAR		1954	YEAR		1972				

METEOROLOGICAL OBSERVATIONS AUGUST 2022

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						
Mon	1	1020.5	21.2	16.1	18.7	14.7	19.3	17.8	310	08	8.2	17	0.2	3.2	Some fair spells am, became cloudy			
Tue	2	1019.4	22.8	16.3	19.6	16.4	19.6	17.8	240	12	8.6	16	TR	5.4	Cloudy am with drz & hill fog. Clrng pm but fog returning by eve			
Wed	3	1016.4	22.7	16.8	19.8	17.1	20.2	17.9	240	10	7.3	14	NIL	3.9	Cloudy with mist & fog am & early eve, occn fair			
Thu	4	1017.5	20.8	15.2	18.0	10.1	20.0	17.9	320	08	7.8	19	NIL	11.0	Fair am, then cldy until late pm then fine			
Fri	5	1024.3	19.6	14.4	17.0	9.3	19.2	18.0	010	12	10.1	22	NIL	13.5	Fine with excellent viz & dry air			
Sat	6	1029.2	21.5	14.3	17.9	8.3	19.4	18.0	040	12	8.2	19	NIL	13.8	Fine with occn dry air			
Sun	7	1027.0	23.4	13.7	18.6	5.9	19.4	18.0	070	06	6.1	17	NIL	13.6	Fine with dry air			
Mon	8	1026.7	25.1	15.0	20.1	7.5	19.7	17.9	050	04	6.6	17	NIL	13.8	Fine with dry air and xlnt viz			
Tue	9	1028.4	23.1	16.1	19.6	13.7	20.0	18.0	050	14	10.5	26	NIL	13.4	Fine with dry air late pm			
Wed	10	1024.1	24.7	16.7	20.7	14.8	20.2	18.1	050	11	10.5	22	NIL	12.9	Low cloud early am, then fine. Dry air late pm			
Thu	11	1020.1	27.7	17.8	22.8	16.4	20.9	18.0	060	10	9.8	23	NIL	13.3	Fine and hot. Dry air			
Fri	12	1016.9	29.5	17.9	23.7	16.4	21.3	18.2	070	06	7.3	15	NIL	13.3	Fine and hot. Dry air			
Sat	13	1012.7	32.2	17.5	24.9	14.1	21.4	18.2	130	09	8.2	19	NIL	10.7	Fine & hot bec fair @ noon, cldy pm. Dry air			
Sun	14	1006.6	24.8	16.9	20.9	14.5	21.5	18.3	260	12	8.8	20	0.2	2.1	Xtnsv high cloud. Fog from very late eve			
Mon	15	1004.2	21.1	16.3	18.7	13.9	20.7	18.4	280	07	7.6	22	5.7	0.1	Xtnsv fog am with occn shwrs, clrng to cldy pm			
Tue	16	1006.2	23.0	16.4	19.7	14.5	19.9	18.4	010	06	4.1	12	0.3	6.9	Cldy with shwrs am, occn hvy. Fair pm with fog late eve			
Wed	17	1010.7	20.6	14.5	17.6	11.7	20.6	18.4	030	06	6.1	15	TR	3.9	Cldy. Fog early am clrng to mist/haze, occn light shwr. Fair eve			
Thu	18	1016.8	21.1	15.7	18.4	11.8	19.3	18.3	300	07	10.1	23	1.5	5.0	Fair with early mist bec cldy pm with drz, mist & hill fog eve			
Fri	19	1017.1	20.4	15.6	18.0	17.1	19.6	18.3	300	13	11.9	23	0.1	8.5	Cldywith mist, rain, drz & fog am clrg to fine pm & eve			
Sat	20	1020.9	21.1	14.5	17.8	11.8	19.3	18.3	230	11	7.5	18	NIL	5.5	Cldy am & eve. Fair pm			
Sun	21	1017.2	19.6	14.0	16.8	9.2	19.8	18.3	200	08	6.7	14	0.3	2.1	Cloudy with occ light showers pm			
Mon	22	1014.2	19.8	16.9	18.4	15.8	19.4	18.2	240	09	8.9	18	2.2	0.7	Hill fog & occn rain & drizzle, cling at times late am & pm			
Tue	23	1015.7	23.3	17.6	20.5	16.9	19.3	18.1	230	11	8.6	21	0.1	2.7	Extensive fog am with light drz, clrng by noon. Occn fair pm			
Wed	24	1017.2	24.7	16.8	20.8	15.1	19.7	18.1	140	04	5.0	11	8.6	7.4	Cldy occn fine pm. Sea fog encroaching eve. Shwrs & lghtng eve			
Thu	25	1018.6	20.9	16.2	18.6	16.7	20.0	18.2	330	09	7.8	19	NIL	9.1	Occn hvy rain, fog, mist & lghtng clrng by dawn. Fair/fine pm & eve			
Fri	26	1021.5	20.8	13.9	17.4	9.8	20.1	18.2	320	06	6.7	17	NIL	12.4	Fair or fine bec cldy late eve. Good viz			
Sat	27	1018.7	22.3	14.9	18.6	12.2	19.5	18.3	070	07	6.8	18	NIL	12.7	Cloudy bec fair/fine			
Sun	28	1020.0	22.1	16.4	19.3	14.5	19.5	18.3	080	11	10.9	22	NIL	8.8	Hazy sunshine, cloudy at times with fair periods			
Mon	29	1019.5	21.9	16.7	19.3	15.2	19.4	18.3	060	14	13.0	29	NIL	11.6	Fine, high cloud at times			
Tue	30	1020.8	21.0	16.6	18.8	15.8	19.3	18.3	050	14	12.1	24	NIL	10.7	Early high cloud bec fair/fine			
Wed	31	1021.9	21.2	16.7	19.0	15.7	20.0	18.3	050	12	12.2	25	TR	10.3	Cloudy, bec only high cloud later			
MEAN		1018.4	22.7	15.9	19.3	13.4	19.9	18.2	NE	9.3	8.5	TOTAL	19.2	262.3				
30 YEAR AVG 1991-2020		1017.0	19.9	14.2	17.1	11.8	18.1	17.2	W	9.7	9.3	////	56.6	226.8				
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				
		8	4	0	0	0	2	0	0	12	4	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	286.4 mm	SUNSHINE	1672.6 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	88	SUNLESS DAYS	18
DAY/YEAR		22nd/1973	YEAR		1955	DAY/YEAR		28th/1986	YEAR		2022	YEAR		1955	WET DAYS	54		
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 2022

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			hPa	at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX		mm	hrs	
Thu	1	1016.7	23.2	16.9	20.1	15.9	19.6	18.2	070	11	8.0	21	3.5	2.8	Cldy with sct shwrs from late pm			
Fri	2	1012.4	22.1	15.7	18.9	12.8	19.6	18.3	010	04	4.1	11	TR	3.7	Cldy with mist clrng, occn fair pm. Mist & low cld then fog eve			
Sat	3	1009.5	21.0	15.3	18.2	11.8	19.4	18.3	220	12	10.0	21	TR	4.0	Mist early, cldy with hazy sunshine			
Sun	4	1013.4	22.6	17.2	19.9	16.2	19.3	18.2	160	15	12.5	25	1.9	2.8	Cloudy with occn shwrs eve			
Mon	5	1015.3	22.6	16.1	19.4	14.0	19.6	18.2	160	10	9.2	24	3.7	2.2	Cldy with sct shwrs occn hvy. T/storm 1624-1720z			
Tue	6	1011.9	20.5	16.1	18.3	14.7	18.5	18.1	180	09	12.3	27	9.9	1.7	Cldy with isol shwrs, occn hvy eve			
Wed	7	1009.5	20.9	15.3	18.1	14.5	18.2	18.1	190	14	12.2	27	7.2	6.6	Cldy with sct shwrs, occn hvy. T/storm 1428-1510z			
Thu	8	1005.8	19.7	15.9	16.9	14.0	18.1	18.0	230	18	19.3	39	6.1	4.8	Cloudy with occn showers			
Fri	9	1010.6	18.8	15.1	17.0	14.7	17.7	17.8	280	13	16.0	29	TR	9.7	Cldy am with sct hvy shwrs clrng by dawn, fair/fine pm & eve			
Sat	10	1017.5	19.9	14.3	17.1	15.1	18.4	17.8	290	10	8.0	20	NIL	9.6	Cloudy occ fair			
Sun	11	1018.2	21.6	12.5	17.1	8.7	17.9	17.7	140	10	7.5	17	NIL	11.3	Fair bec fine			
Mon	12	1011.1	25.8	18.0	21.9	14.8	18.8	17.7	140	11	10.4	24	0.5	5.5	High cloud bec extensive with occ shwrs from mid pm			
Tue	13	1007.3	24.5	18.2	21.4	17.9	19.2	17.7	070	12	12.0	28	1.0	0.1	Cloudy with occasional showers			
Wed	14	1005.1	18.4	14.6	16.5	17.7	18.9	17.8	040	08	7.9	20	1.7	NIL	Cldy with occ shwrs and fog. Fine late eve. T/strm 0125-0220z			
Thu	15	1014.4	17.8	14.1	16.0	8.4	18.4	17.8	360	08	7.8	18	NIL	6.5	Cloudy with sunny periods			
Fri	16	1019.5	17.6	13.1	15.4	9.8	17.0	17.7	350	09	8.8	19	TR	8.2	Cldy, soon clrng to fair or fine with isol light showers			
Sat	17	1024.8	16.4	10.4	13.4	2.5	16.0	17.6	360	06	4.7	13	NIL	10.9	Fine, excellent vis. Xtnsv high cloud from late pm			
Sun	18	1023.8	16.5	10.8	13.7	3.2	15.6	17.4	310	05	5.0	14	NIL	11.0	Fine, excellent vis pm			
Mon	19	1025.1	18.4	11.7	15.1	4.7	15.4	17.2	020	04	5.0	13	NIL	10.3	Fine, excellent vis			
Tue	20	1026.7	18.5	12.2	15.4	5.2	16.2	17.1	350	06	4.1	12	NIL	8.5	Fair, xtnsv high cloud midday, bec fine eve. Excellent vis			
Wed	21	1026.4	19.3	11.9	15.6	4.3	15.2	16.9	090	09	5.6	15	NIL	10.4	Fair with excellent vis			
Thu	22	1020.9	19.1	12.8	16.0	8.2	15.9	16.8	190	07	5.9	13	14.8	7.8	Xtnsv high cloud. Rain just before midnight			
Fri	23	1016.6	17.1	13.1	15.1	11.6	16.3	16.7	220	10	7.9	20	7.2	0.3	Cloudy with persistent rain am. Fair with occ showers pm			
Sat	24	1017.0	16.6	13.4	15.0	10.6	15.9	16.7	360	10	8.9	19	TR	9.1	Fair			
Sun	25	1020.5	16.4	11.6	14.0	10.7	16.1	16.7	030	11	8.7	22	2.5	8.1	Fair with excellent vis			
Mon	26	1005.3	16.3	12.7	14.5	8.0	15.5	16.5	290	23	15.6	35	0.3	2.8	Rain, driz, mist clrng late am then isolated showers			
Tue	27	1007.7	16.4	12.1	14.3	11.0	14.9	16.5	290	17	13.1	28	9.9	2.7	Isolated showers am. Persistent rain pm			
Wed	28	1003.1	15.4	11.6	13.5	10.4	14.7	16.3	330	08	9.7	22	1.8	3.2	Mainly cloudy. Rain early am, clrng to isol shwrs			
Thu	29	1002.0	14.4	10.3	12.4	8.6	14.1	16.1	240	04	6.3	19	1.5	4.8	Cloudy odd shower some sunny intervals during the afternoon			
Fri	30	1011.1	15.9	9.8	12.9	4.3	13.8	16.0	250	11	13.9	35	7.8	1.4	Fine, became cloudy with rain/drizzle from mid afternoon			
MEAN		1014.3	19.1	13.8	16.4	10.8	17.1	17.4	N	10.2	9.3	TOTAL	81.3	170.8				
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				
			17	15	0	0	3	3	0	0	2	1	0	1	TOTALS FOR YEAR TO DATE			
RECORDS FROM JANUARY 1947															RAINFALL	367.7 mm	SUNSHINE	1843.4 hrs
WETTEST DAY		43.7mm	DRIEST MONTH		6.9mm	LOWEST MIN		5.8°C	WARMEST MNTH		17.5°C	SUNNIEST MNTH		266.5hrs	RAIN DAYS	105	SUNLESS DAYS	19
DAY/YEAR		20th/1949	YEAR		1997	DAY/YEAR		28th/1974	YEAR		1949	YEAR		1959	WET DAYS	69		
WETTEST MNTH		194.5mm	HIGHEST MAX		30.6°C	LOWEST GRASS		-1.0°C	COLDEST MNTH		12.8°C	DULLEST MNTH		104.5hrs				
YEAR		1952	DAY/YEAR		2nd/1961	DAY/YEAR		23rd/1979	YEAR		1986	YEAR		1956				

METEOROLOGICAL OBSERVATIONS OCTOBER 2022

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	hrs				
Sat	1	1011.5	17.8	14.8	16.3	13.8	14.7	15.8	270	16	14.6	27	11.6	7.2	Cloudy, sunny periods am. Rain and drizzle late eve			
Sun	2	1018.8	16.5	12.2	14.4	13.5	15.6	15.7	250	20	10.1	31	7.5	1.1	Cloudy. Rain,drz,mist and occ hill fog clearing pm. Fine by eve			
Mon	3	1025.7	17.9	10.8	14.4	6.5	14.9	15.7	110	07	7.1	14	TR	3.2	Cloudy with occ light rain at times. Occ sunny spells			
Tue	4	1019.5	16.9	14.6	15.8	13.8	15.6	15.7	210	12	10.5	22	TR	0.1	Cloudy. A little very light drizzle am			
Wed	5	1013.2	17.1	13.8	15.5	15.4	15.8	15.8	200	18	17.0	33	2.3	0.4	Cloudy with rain and drizzle from late am. Fair by evening			
Thu	6	1031.7	17.3	10.8	14.1	5.8	14.7	15.7	250	10	8.8	17	TR	9.7	Mainly fine, becoming cloudier late evening			
Fri	7	1024.5	16.9	13.1	15.0	10.4	14.9	15.7	240	11	12.3	26	0.1	6.9	Cloudy, fair periods pm with isol shwr			
Sat	8	1025.9	16.0	9.3	12.7	6.2	14.6	15.6	330	05	5.4	16	NIL	7.8	Fine. Good vis pm			
Sun	9	1017.9	16.3	9.5	12.9	4.3	14.1	15.6	150	15	10.8	23	0.1	8.8	Fine becoming cloudy pm			
Mon	10	1016.5	16.4	11.4	13.9	12.2	14.9	15.5	350	11	7.9	23	NIL	4.4	Cloudy with mist am, clearing fair by mid pm			
Tue	11	1027.1	16.2	9.3	12.8	4.5	14.6	15.4	130	07	5.3	12	NIL	9.5	Fair bec fine pm			
Wed	12	1021.7	16.2	9.3	12.8	4.8	13.8	15.3	210	12	10.6	22	11.8	5.6	Briefly fair/fine am, cloudy with rain eve			
Thu	13	1015.5	15.9	12.9	14.4	12.5	14.3	15.2	240	15	8.4	24	2.2	0.1	Cloudy. Rain, drz, mist, hill fog am, heavy at times			
Fri	14	1010.9	15.5	12.3	13.9	10.7	14.6	15.2	150	10	6.0	16	0.2	NIL	Cloudy with rain & drizzle at times			
Sat	15	1007.2	16.2	12.1	14.2	8.2	14.7	15.2	240	19	14.4	32	TR	5.7	Cldy occn fair. Drz early am & shwr late am			
Sun	16	1011.8	17.0	13.2	15.1	10.3	14.7	15.2	180	06	12.4	27	7.7	NIL	Cloudy with rain in the afternoon/evening			
Mon	17	1017.7	17.8	13.5	15.7	13.5	14.7	15.1	240	10	7.9	20	NIL	4.4	Early rain, occn hvy clrng by dawn. Cldy occn fair @ midday			
Tue	18	1025.2	18.7	14.4	16.6	11.4	15.1	15.1	110	14	12.7	26	TR(dew)	4.2	Early mist & fog clrng to fair but high cloud persisting			
Wed	19	1014.2	20.1	15.7	17.9	14.3	15.5	15.2	090	15	12.4	27	5.4	4.2	Xtnsv high cloud occn fair			
Thu	20	1008.2	17.0	12.1	14.6	11.4	15.5	15.3	210	06	8.0	20	1.9	8.1	Cldy with shwrs am & late eve. Fine pm			
Fri	21	1000.5	17.7	14.9	16.3	12.1	15.8	15.3	180	17	18.0	39	0.6	2.3	Cloudy with showers			
Sat	22	1010.6	17.4	14.2	15.8	12.0	15.3	15.4	180	13	11.9	23	6.8	1.5	Bec cldy by dawn occn fair. Shwrs mid pm & late eve			
Sun	23	1000.7	17.7	12.5	15.1	12.4	15.4	15.4	160	12	14.8	45	8.5	3.3	Cldy with shwrs. T/storm 0335-0426z & 1246-1310z. Gale 2047z			
Mon	24	1005.5	16.1	14.3	15.2	11.8	15.0	15.4	220	07	16.4	32	0.5	2.9	Cloudy occn fair. Isol shwrs am			
Tue	25	1012.7	17.0	13.9	15.5	11.7	14.7	15.3	180	13	12.8	24	0.1	2.7	Fair am, cloudy pm with some patchy light rain			
Wed	26	1011.0	18.4	15.4	16.9	13.6	15.1	15.3	210	15	11.6	28	3.5	6.4	Cloudy occn fair. Light showers early am			
Thu	27	1013.1	18.4	15.0	16.7	13.0	15.3	15.3	190	14	10.5	23	0.2	3.7	T/storm 0310-0405z. Briefly fine @ dawn then cldy. Isol shwr pm			
Fri	28	1016.2	17.5	13.3	15.4	14.0	15.4	15.3	250	17	11.0	27	2.3	5.7	Cloudy with fair periods pm. Light rain early am and evening			
Sat	29	1011.8	18.2	14.9	16.6	11.2	15.3	15.3	160	13	11.5	24	TR	0.4	Mostly cloudy with rain early am and mid pm			
Sun	30	1014.7	17.0	14.4	15.7	12.9	15.3	15.3	190	16	12.3	25	NIL	5.2	Cloudy bec fair or fine			
Mon	31	1012.6	15.6	12.7	14.2	11.4	15.3	15.3	140	15	16.1	48	5.3	0.6	Cldy with rain & shwrs pm, occn hvy. Gales 2223-2237z, 2300-2307z			
MEAN		1015.3	17.1	12.9	15.0	11.0	15.0	15.4	SW	12.6	11.3	TOTAL	78.6	126.1				
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				
		17	13	0	0	2	2	0	0	3	0	2	2					
RECORDS FROM JANUARY 1947															RAINFALL	446.3 mm	SUNSHINE	1969.5 hrs
WETTEST DAY	59.1mm	DRIEST MONTH		3.4mm	LOWEST MIN		3.5°C	WARMEST MNTH		15.2	SUNNIEST MNTH		176.4hrs	RAIN DAYS	122	SUNLESS DAYS		21
DAY/YEAR	12th/2014	YEAR		1978	DAY/YEAR		28th/2003	YEAR		2001/06	YEAR		1971	WET DAYS	82			
WETTEST MNTH	233.9mm	HIGHEST MAX		23.6°C	LOWEST GRASS		-4.0°C	COLDEST MNTH		9.6°C	DULLEST MNTH		72.6hrs					
YEAR	1960	DAY/YEAR		1st/2011	DAY/YEAR		30th/1983	YEAR		1974	YEAR		1968					

METEOROLOGICAL OBSERVATIONS NOVEMBER 2022

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			hPa	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX	mm	hrs
Tue	1	1010.7	16.3	11.4	13.9	9.7	14.4	15.3	210	19	23.8	46	0.9	5.2	Fair with sct shwrs bec isol pm & eve. Lightning @ 1720z			
Wed	2	1019.4	15.6	11.6	13.6	9.1	13.6	15.1	210	17	18.1	33	12.3	1.3	Cloudy with occn light rain eve			
Thu	3	1002.3	15.0	8.0	11.5	10.3	13.8	15.0	250	12	16.4	43	13.0	4.0	Cldy occn fair, sct rain/hail shwrs. T/storms 1810-1827z & 1912-1925z			
Fri	4	1013.2	13.1	9.6	11.4	7.1	12.9	14.9	340	14	11.8	28	TR	7.4	Showers early, became fine			
Sat	5	1017.0	14.0	9.7	11.9	6.9	12.9	14.8	200	14	14.3	26	16.2	NIL	Cloudy with rain/drizzle pm			
Sun	6	1005.1	14.6	11.6	13.1	11.7	13.2	14.5	220	13	18.2	39	2.4	2.6	Cldy with rain & drz, occn hvy, clrng @ dawn to sct shwrs			
Mon	7	1007.0	16.3	13.1	14.7	9.9	13.2	14.4	210	20	20.4	42	2.2	0.6	Cloudy with odd light shower			
Tue	8	999.2	15.1	11.6	13.4	10.9	13.3	14.3	200	22	20.5	37	4.9	2.8	Cldy bec fair/fine early pm with isol shwrs			
Wed	9	1009.2	14.9	10.7	12.8	9.3	12.9	14.3	250	16	16.3	32	NIL	7.6	Shwrs in early hours, bec fair or fine			
Thu	10	1022.4	15.0	12.2	13.6	9.6	13.0	14.2	200	16	13.7	23	NIL	4.8	Fair or fine am bec cldy pm			
Fri	11	1026.6	14.5	11.0	12.8	11.3	13.3	14.2	170	16	14.1	23	NIL	7.0	Cldy late am and eve, fair or fine am & pm			
Sat	12	1025.4	15.8	10.9	13.4	9.1	13.0	14.1	130	12	11.9	22	TR(dew)	7.9	Some low cloud before dawn, otherwsie fine			
Sun	13	1018.2	15.3	13.1	14.2	10.8	13.2	14.1	140	11	10.3	18	0.5	8.0	Fine			
Mon	14	1009.3	14.3	11.1	12.7	10.8	13.2	14.0	180	05	12.2	30	5.0	1.2	Bec cldy with rain am, clrng to fine pm. Cldy by eve, rain later			
Tue	15	993.7	14.5	8.1	11.3	7.3	12.9	14.0	200	19	20.5	42	9.2	4.1	Cldy with rain clrng by dawn to sct shwrs, occn hvy. Fair pm			
Wed	16	993.2	14.0	8.8	11.4	7.2	12.2	13.9	220	15	20.8	45	14.0	NIL	Cldy with sct shwrs am. Rain pm, occn hvy clrg to shwrs eve			
Thu	17	991.0	12.6	9.3	10.9	8.1	11.9	13.8	280	15	16.5	34	2.8	2.6	Fair/cldy with frqnt shwrs			
Fri	18	1004.5	12.3	8.8	10.6	7.3	11.7	13.6	290	14	12.1	31	TR	5.2	Fine/fair with occ shwrs			
Sat	19	1015.7	11.3	8.4	9.9	3.8	10.9	13.5	320	05	7.8	21	3.3	4.8	Fine with isol shwr am bec cloudy pm with rain late eve			
Sun	20	1012.1	12.9	8.9	10.9	6.2	11.0	13.3	300	16	13.7	29	4.8	4.2	Fair with sct shwrs			
Mon	21	991.0	12.2	6.7	9.5	5.5	11.1	13.2	160	24	19.6	46	10.8	2.9	Cldy with hvy & prstnt rain am clrng to fair with shwrs pm & eve			
Tue	22	993.3	11.4	6.5	9.0	4.9	10.5	13.0	270	26	21.0	46	5.8	1.6	Cldy with frqnt shwrs, occn fair pm. T/storm 0220-0235			
Wed	23	992.9	13.2	7.0	10.1	6.0	10.6	12.9	260	20	22.0	47	7.5	4.6	Cldy with rain & drz clrng to fair with frqnt rain/hail shwrs late am			
Thu	24	1005.4	13.7	8.4	11.1	6.6	10.7	12.8	200	21	19.1	36	3.0	0.2	Cldy with occn shwrs pm			
Fri	25	1017.2	13.1	9.8	11.5	6.5	10.6	12.6	290	10	12.2	28	TR	6.9	Light shwrs early bec mainly fine			
Sat	26	1024.7	12.2	10.8	11.5	7.1	10.7	12.5	180	15	16.2	33	16.6	0.6	Cldy with rain from midday			
Sun	27	1015.1	13.4	10.1	11.8	10.9	11.4	12.5	260	02	9.2	27	16.8	NIL	Rain & drz, occn hvy until late pm. Low cloud & hill fog at times am			
Mon	28	1009.3	11.4	8.2	9.8	6.5	10.9	12.4	260	11	12.6	30	1.5	3.6	Fair with shwrs, occn hvy & with hail			
Tue	29	1020.0	11.6	8.0	9.8	4.7	10.7	12.4	010	03	5.8	15	NIL	3.3	Fair bcmg cldy later			
Wed	30	1022.9	10.0	6.3	8.2	6.2	10.4	12.3	130	06	7.8	16	NIL	0.1	Cloudy bec fair later			
MEAN		1009.6	13.7	9.7	11.7	8.0	12.1	13.7	W	14.3	15.3	TOTAL	153.5	105.1				
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				
		21	19	0	3	2	3	0	0	1	0	0	3					
RECORDS FROM JANUARY 1947																		
WETTEST DAY	39.4mm	DRIEST MONTH	16.1mm	LOWEST MIN		-0.8°C		WARMEST MNTH		12.2°C		SUNNIEST MNTH		123.6hrs	RAINFALL	599.8 mm	SUNSHINE	2074.6 hrs
DAY/YEAR	15th/1975	YEAR	1978	DAY/YEAR		28th/2010		YEAR		2015		YEAR		2006	RAIN DAYS	143	SUNLESS DAYS	24
WETTEST MNTH	234.7mm	HIGHEST MAX	18.0°C	LOWEST GRASS		-5.6°C		COLDEST MNTH		7.7°C		DULLEST MNTH		35.9hrs	WET DAYS	101		
YEAR	2009	DAY/YEAR	1st 2015	DAY/YEAR		29th/1987		YEAR		1993		YEAR		1994				

METEOROLOGICAL OBSERVATIONS DECEMBER 2022

DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER				
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			hPa															
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
Thu	1	<u>1028.7</u>	10.7	3.1	6.9	-0.8	9.4	<u>12.2</u>	050	<u>02</u>	6.3	14	TR	2.5	Fair with Isolated light showers			
Fri	2	1024.4	9.6	6.6	8.1	4.6	9.5	<u>12.1</u>	070	<u>04</u>	9.0	26	1.5	0.2	Cloudy with isolated light showers			
Sat	3	1018.0	8.1	5.7	6.9	4.6	9.2	11.9	070	14	12.6	28	0.9	NIL	Cloudy with showers am			
Sun	4	1012.5	7.1	5.4	6.3	4.8	9.0	11.8	080	13	10.8	21	TR	NIL	Cloudy			
Mon	5	1020.5	7.4	5.7	6.6	5.3	8.7	11.6	110	06	6.7	15	TR	NIL	Cloudy with sct light showers pm			
Tue	6	1022.4	7.9	4.6	6.3	2.4	8.8	11.5	100	07	6.8	15	4.4	0.1	Cldy with isol shwrs am bec sct pm & frq eve			
Wed	7	1022.5	7.8	4.5	6.2	3.7	8.7	11.3	030	07	5.7	15	0.1	0.7	Occassional light showers, some brighter spells pm			
Thu	8	1012.4	6.6	2.9	4.8	-0.9	8.0	11.2	030	05	5.1	14	TR	3.6	Fair with excellent vis			
Fri	9	1008.0	6.0	2.3	4.2	-1.8	7.8	11.2	030	07	5.7	17	TR	<u>6.7</u>	Fine with isol shower am			
Sat	10	1012.0	7.6	2.0	4.8	<u>-4.3</u>	6.3	10.9	250	07	7.3	27	5.7	2.6	Fair, cldy pm shwrs occn sleet. T/storms 1310-27 & 1334-46			
Sun	11	1007.3	6.0	1.5	3.8	-0.6	6.3	10.6	190	08	7.2	20	1.8	0.5	Cldy occn fair pm with sct shwrs am bec isol pm. Ltng am & eve			
Mon	12	1007.6	4.7	1.7	3.2	-1.1	5.9	10.3	090	06	7.6	17	NIL	0.7	Isol shwrs early am, bec main cldy			
Tue	13	1004.9	<u>4.4</u>	<u>0.7</u>	<u>2.6</u>	-0.5	5.7	10.1	100	11	10.2	19	3.3	0.1	Cloudy with rain and occn sleet arriving late evening			
Wed	14	1001.5	5.5	1.9	3.7	1.2	5.9	9.8	080	13	11.4	25	1.5	NIL	Cldy, brief spell of sleet & snow early am. Patchy rain until mid pm			
Thu	15	1008.4	5.7	3.8	4.8	2.7	6.2	9.7	040	11	10.5	25	TR	NIL	Cldy with isol shwr early pm bec fine late pm			
Fri	16	1017.5	8.0	3.2	5.6	-0.3	5.7	9.6	040	05	<u>4.0</u>	14	NIL	5.7	Fine occn fair with xlnt viz and occn dry air			
Sat	17	1022.7	5.9	1.9	3.9	-3.1	<u>5.1</u>	9.4	130	09	10.8	23	1.7	5.8	Mainly fine with high cloud, bec mainly cldy from early eve			
Sun	18	1015.4	11.0	2.0	6.5	-0.2	<u>5.1</u>	9.2	160	18	19.0	34	<u>24.1</u>	NIL	Overcast with rain, drz, mist & hill fog			
Mon	19	1009.1	13.6	<u>10.8</u>	12.2	9.0	7.4	<u>8.9</u>	170	21	17.3	31	2.2	0.2	Cldy with rain, drz & mist			
Tue	20	1009.7	12.9	7.3	10.1	5.5	8.6	9.0	260	06	8.7	30	2.0	0.9	Cldy with early rain & drz. Isol shwrs late pm & eve			
Wed	21	1008.6	12.0	9.2	10.6	1.9	8.6	9.1	180	11	11.0	30	11.5	0.1	Cldy with rain,drz, mist and fog patches			
Thu	22	1007.5	12.8	9.9	11.4	9.0	9.2	9.4	230	18	13.5	35	15.4	NIL	Rain & drz, heavy at times. Fog/mist for most of the day			
Fri	23	1003.1	12.9	<u>10.8</u>	11.9	9.1	9.9	9.6	240	<u>24</u>	17.3	34	TR(dew)	0.2	Rain, drizzle and fog, clrng mid am but remaining cldy			
Sat	24	1011.7	11.9	10.1	11.0	8.5	<u>10.0</u>	9.8	200	10	12.1	23	3.3	0.2	Cloudy, bec fine early eve			
Sun	25	1008.1	11.0	9.4	10.2	7.9	9.8	10.0	160	09	11.0	25	3.8	NIL	Cloudy with outbreaks of rain, clrng late eve			
Mon	26	1019.4	11.0	6.8	8.9	4.5	9.9	10.1	310	09	11.9	28	0.8	3.8	Fair with sct shwrs			
Tue	27	<u>1025.1</u>	10.8	7.5	9.2	4.3	8.9	10.2	220	14	16.8	36	4.1	4.6	Fine, became cloudy. Rain in evening			
Wed	28	1007.9	12.0	10.0	11.0	8.1	9.3	10.2	200	20	<u>20.9</u>	40	4.4	0.2	Cldy. Rain & drz am cleared early pm to occn shwrs			
Thu	29	1006.2	10.9	7.4	9.2	5.7	9.3	10.2	250	18	19.2	<u>46</u>	12.9	3.3	Fair with frq shwrs occn with hail clrng eve			
Fri	30	<u>993.3</u>	12.7	8.5	10.6	5.2	9.1	10.2	200	23	19.8	41	20.2	NIL	Cldy. Prsnt rain am. Rain, drz, mist & fog patches pm & eve			
Sat	31	1003.4	<u>13.9</u>	10.7	<u>12.3</u>	<u>10.0</u>	9.7	10.2	200	19	20.0	42	4.4	NIL	Early fog then cldy with rain, drz & mist at times			
MEAN		1012.3	9.3	5.7	7.5	3.4	8.1	10.4	S	11.5	11.5	TOTAL	130.0	42.7				
30 YEAR AVG 1991-2020		1016.3	9.9	6.3	8.1	3.6	8.4	10.0	SW	13.3	13.6	////	119.3	58.3				
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	19	3	1	1	3	0	10	6	1	0	10					
RECORDS FROM JANUARY 1947															RAINFALL	729.8 mm	SUNSHINE	2117.3 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	164	SUNLESS DAYS	34
DAY/YEAR		4th/2010	YEAR		2016	DAY/YEAR		24th/1963	YEAR		2015	YEAR		2001	WET DAYS	120		
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	2021/22	30 Yr Avg	Anomaly/%
Rain (mm)	246.1	283.1	86.9
Sun (hrs)	197.2	207.3	95.1
Mean Max (°C)	10.3	9.2	+1.1
Mean Min (°C)	6.5	5.5	+1.0
Mean (°C)	8.4	7.4	+1.0

Spring	2022	30 Yr Avg	Anomaly/%
Rain (mm)	80.7	166.3	48.5
Sun (hrs)	679.6	574.9	118.2
Mean Max (°C)	13.8	12.6	+1.2
Mean Min (°C)	8.1	7.4	+0.7
Mean (°C)	10.9	10.0	+0.9

Summer	2022	30 Yr Avg	Anomaly/%
Rain (mm)	61.1	147.6	41.4
Sun (hrs)	845.9	726.0	116.5
Mean Max (°C)	21.5	19.1	+2.4
Mean Min (°C)	14.4	13.3	+1.1
Mean (°C)	18.0	16.2	+1.8

Autumn	2022	30 Yr Avg	Anomaly/%
Rain (mm)	313.4	259.8	120.6
Sun (hrs)	402.0	380.8	105.6
Mean Max (°C)	16.6	15.2	+1.4
Mean Min (°C)	12.1	10.9	+1.2
Mean (°C)	14.4	13.1	+1.3

NB - 30 year average is 1991-2020

Seasonal data - Sark

Winter	2021/22	10 Yr Avg	Anomaly/%
Rain (mm)	250.3	331.8	75.4
Sun (hrs)	180.3	197.3	91.4
Mean Max (°C)	10.5	10.0	+0.5
Mean Min (°C)	6.6	6.0	+0.6
Mean (°C)	8.5	8.0	+0.5

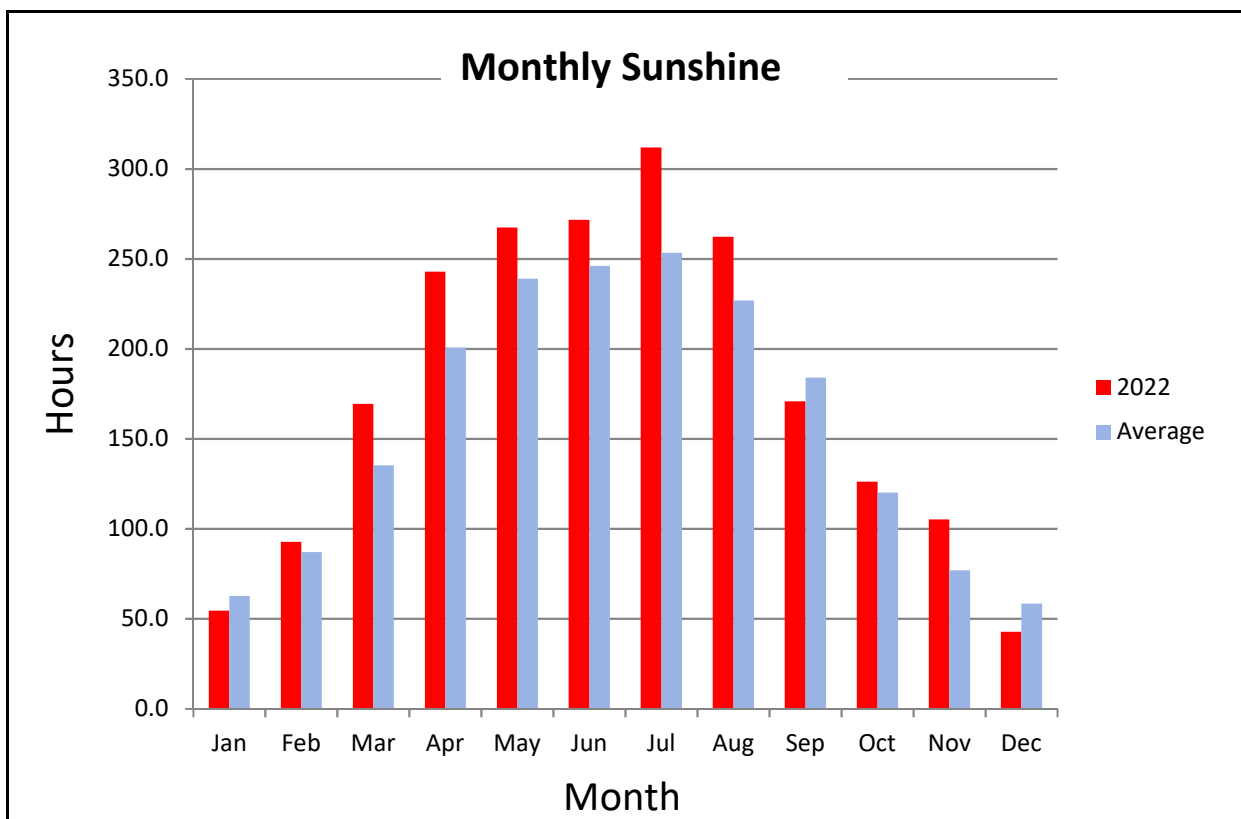
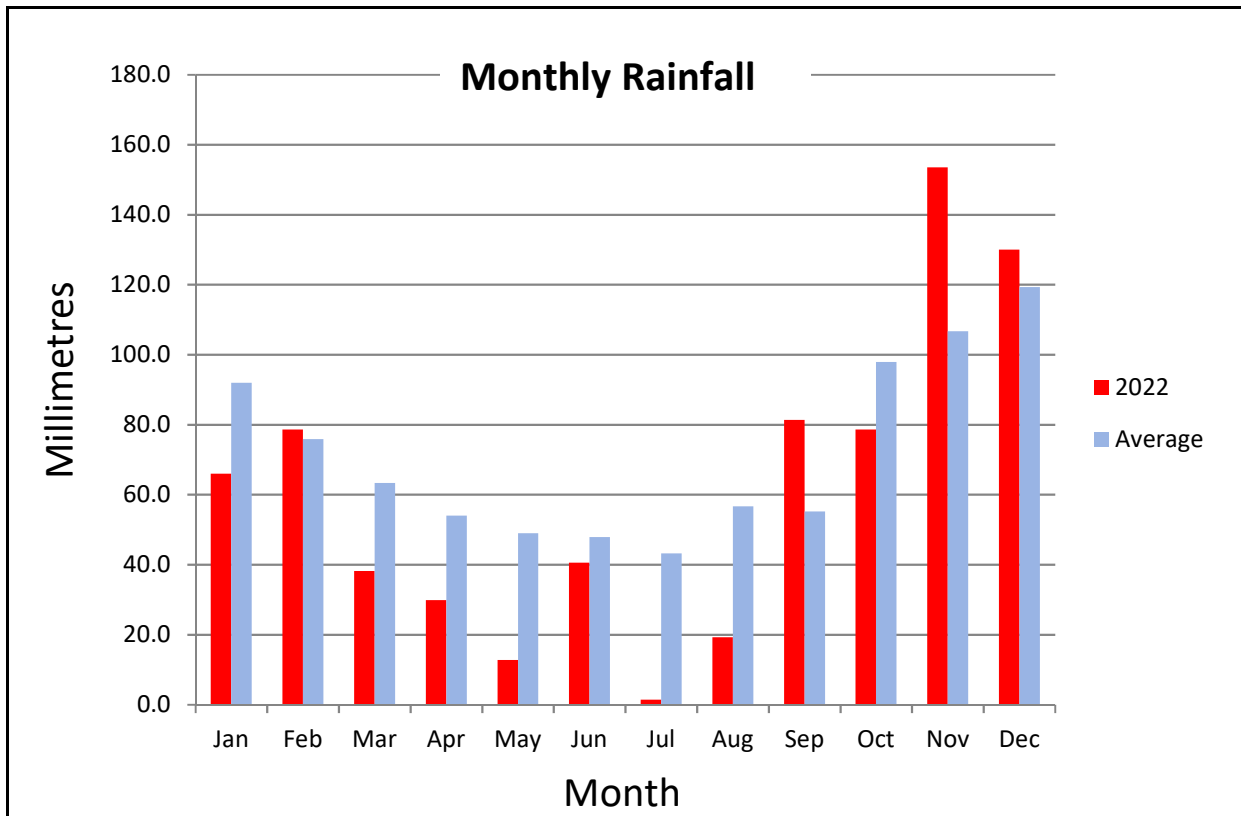
Spring	2022	10 Yr Avg	Anomaly/%
Rain (mm)	80.2	153.6	52.2
Sun (hrs)	629.1	636.1	98.9
Mean Max (°C)	14.6	13.5	+1.1
Mean Min (°C)	8.3	7.6	+0.7
Mean (°C)	11.5	10.5	+1.0

Summer	2022	10 Yr Avg	Anomaly/%
Rain (mm)	78.6	139.5	56.3
Sun (hrs)	841.2	757.0	111.1
Mean Max (°C)	22.6	20.3	+2.3
Mean Min (°C)	14.7	13.4	+1.3
Mean (°C)	18.7	16.9	+1.8

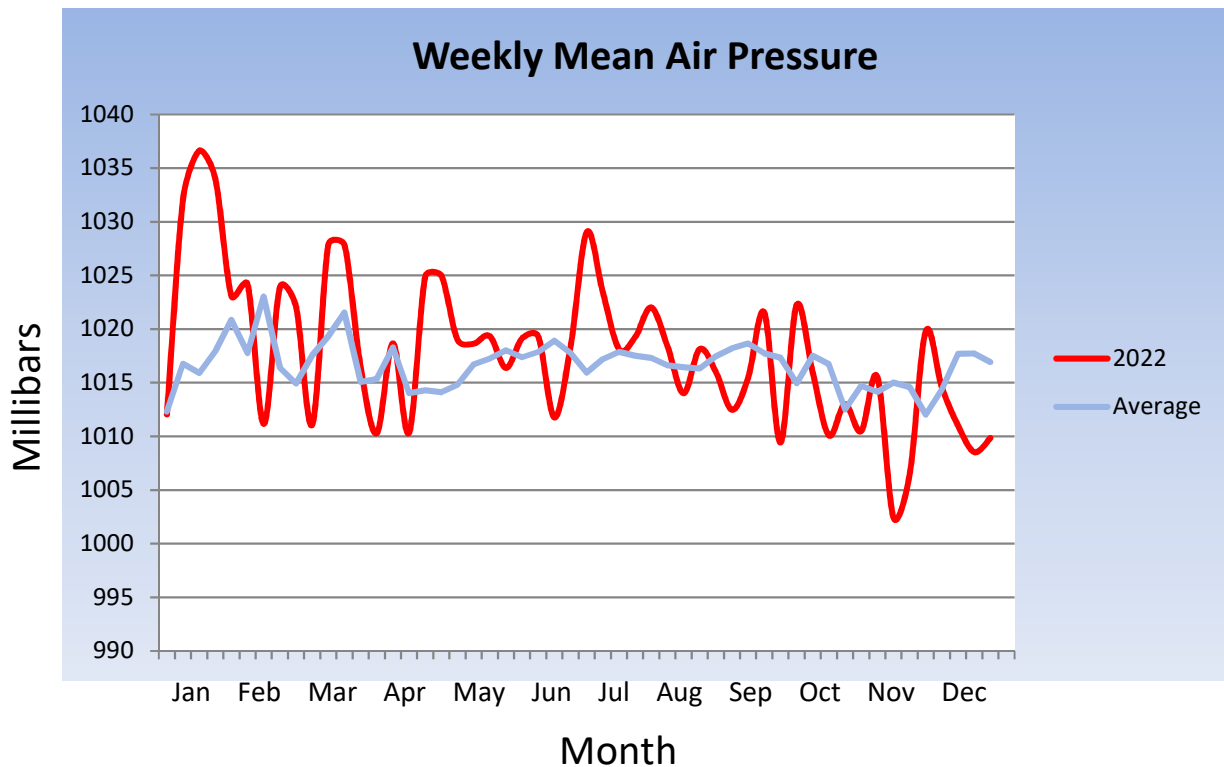
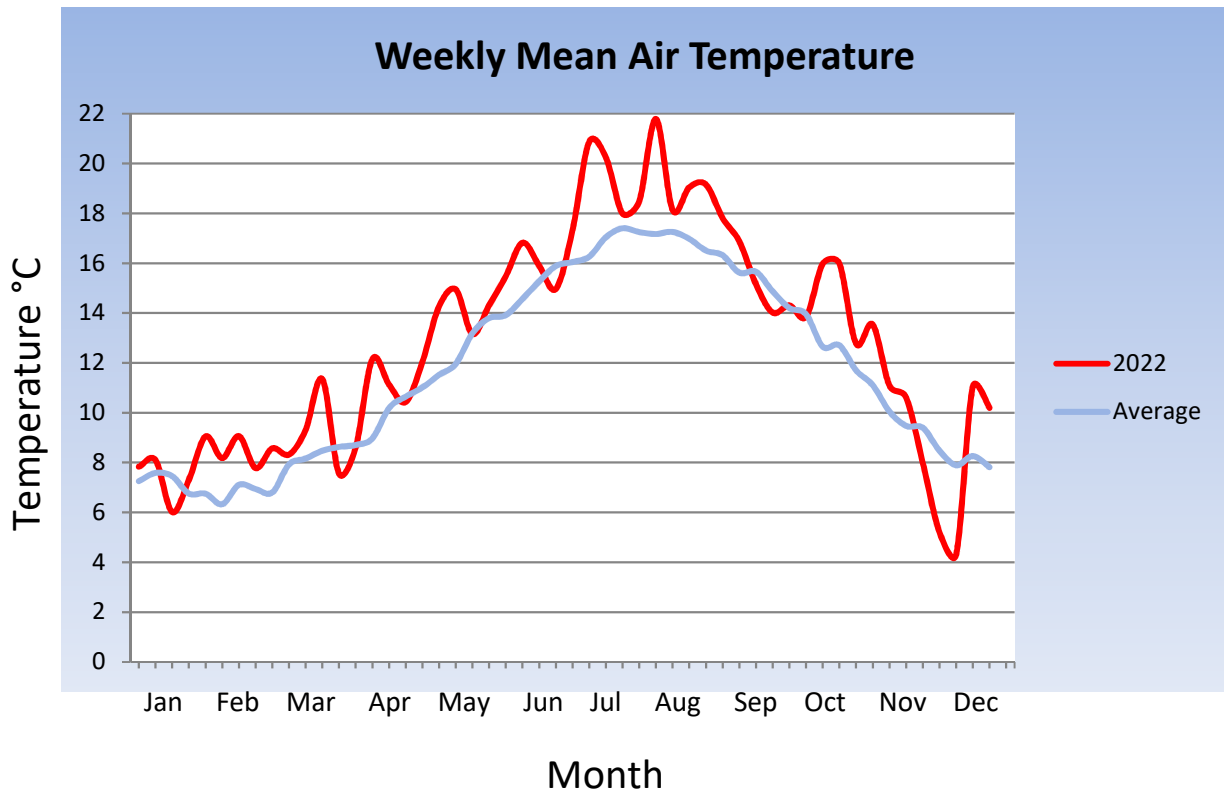
Autumn	2022	10 Yr Avg	Anomaly/%
Rain (mm)	341.3	266.5	128.1
Sun (hrs)	372.8	381.9	97.6
Mean Max (°C)	17.3	16.1	+1.2
Mean Min (°C)	12.3	11.3	+1.0
Mean (°C)	14.8	13.7	+1.1

NB - 10 year average is 2012-2021

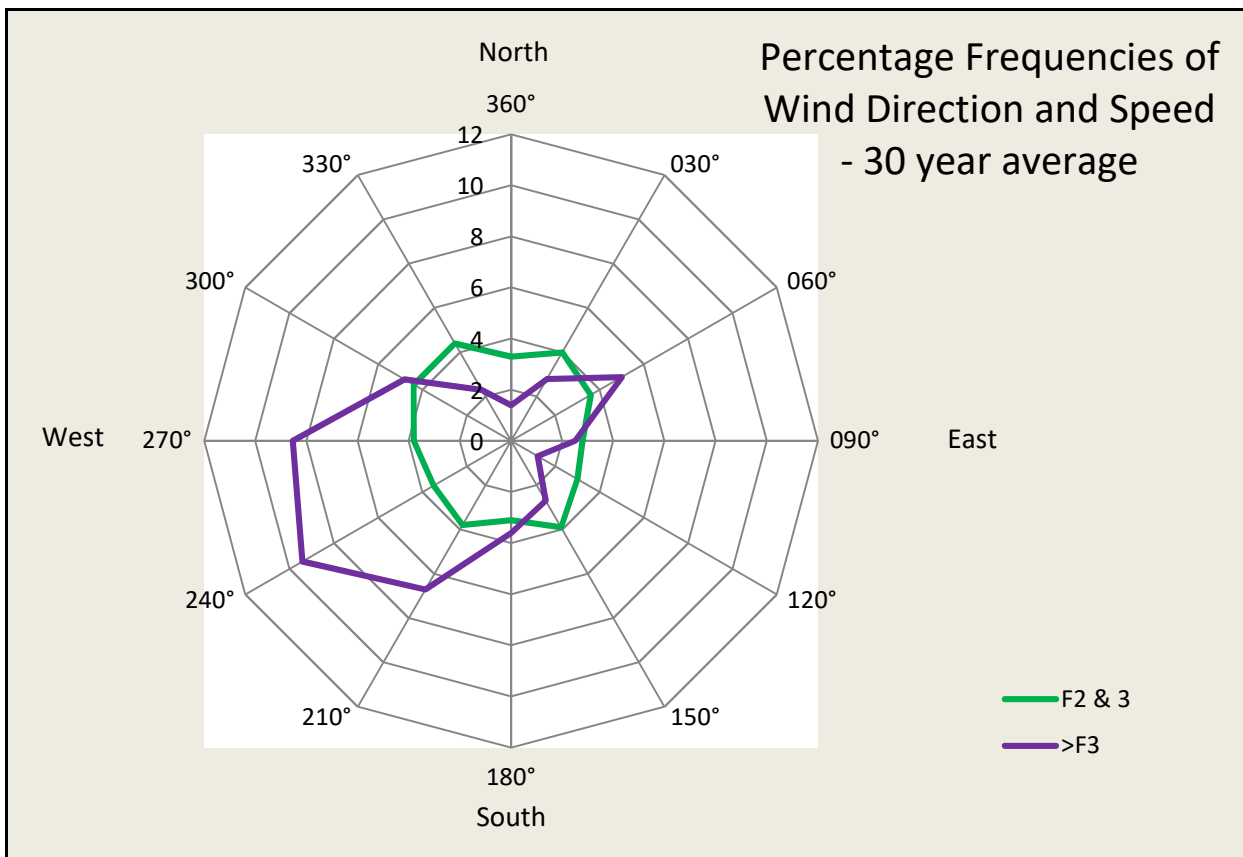
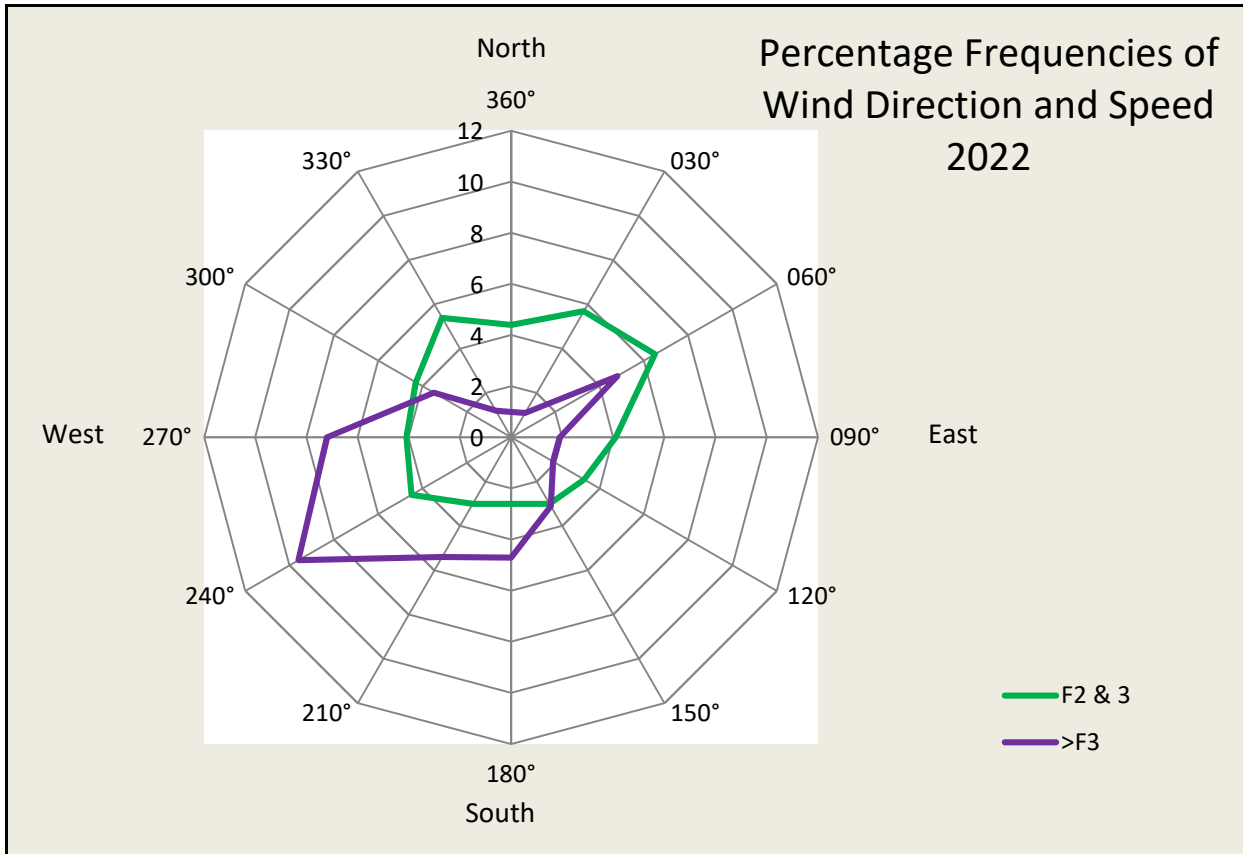
Guernsey Met Office



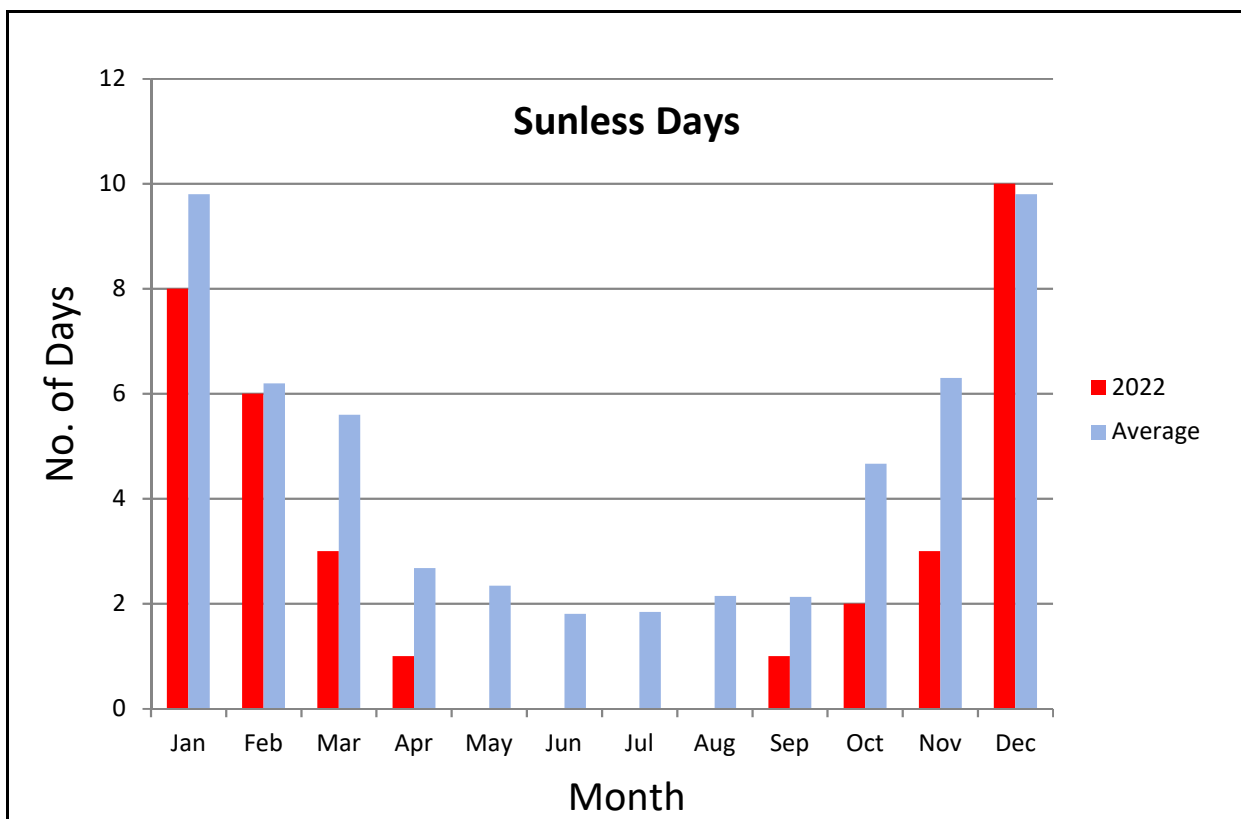
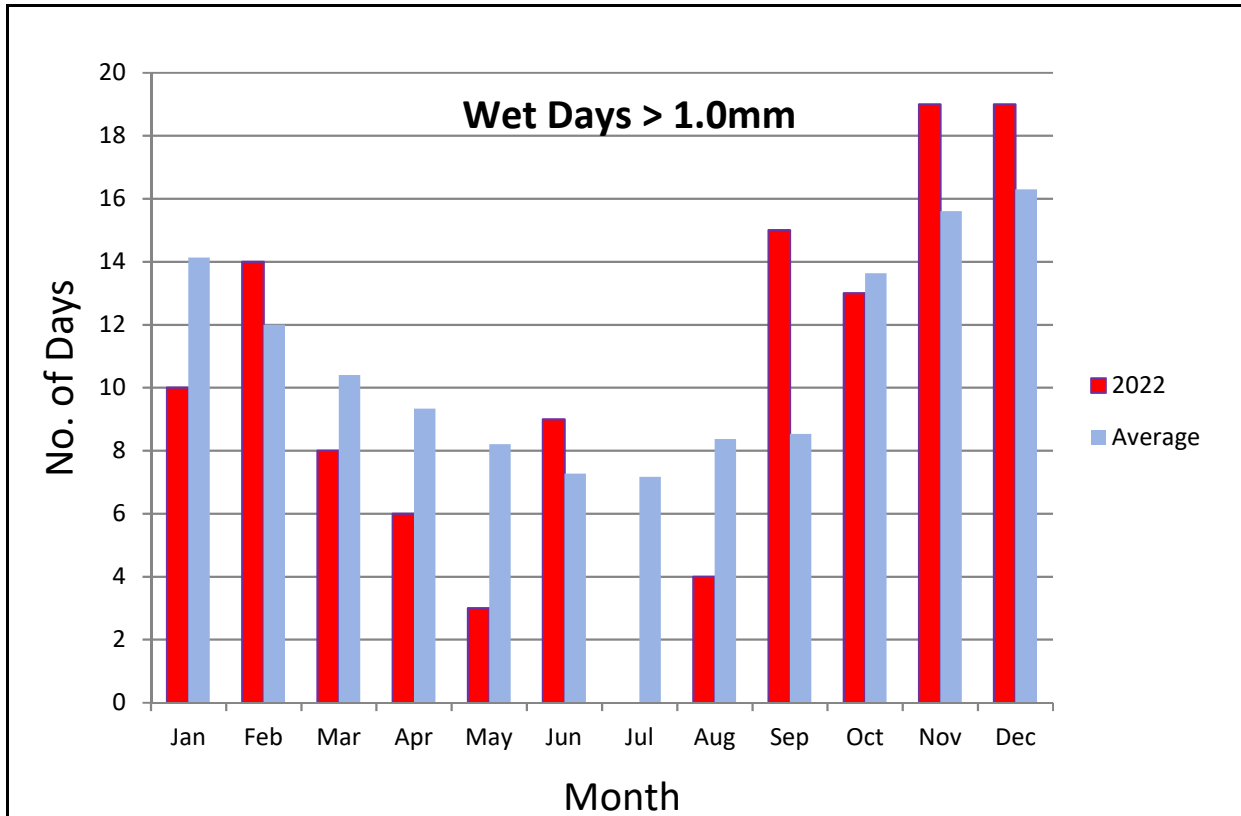
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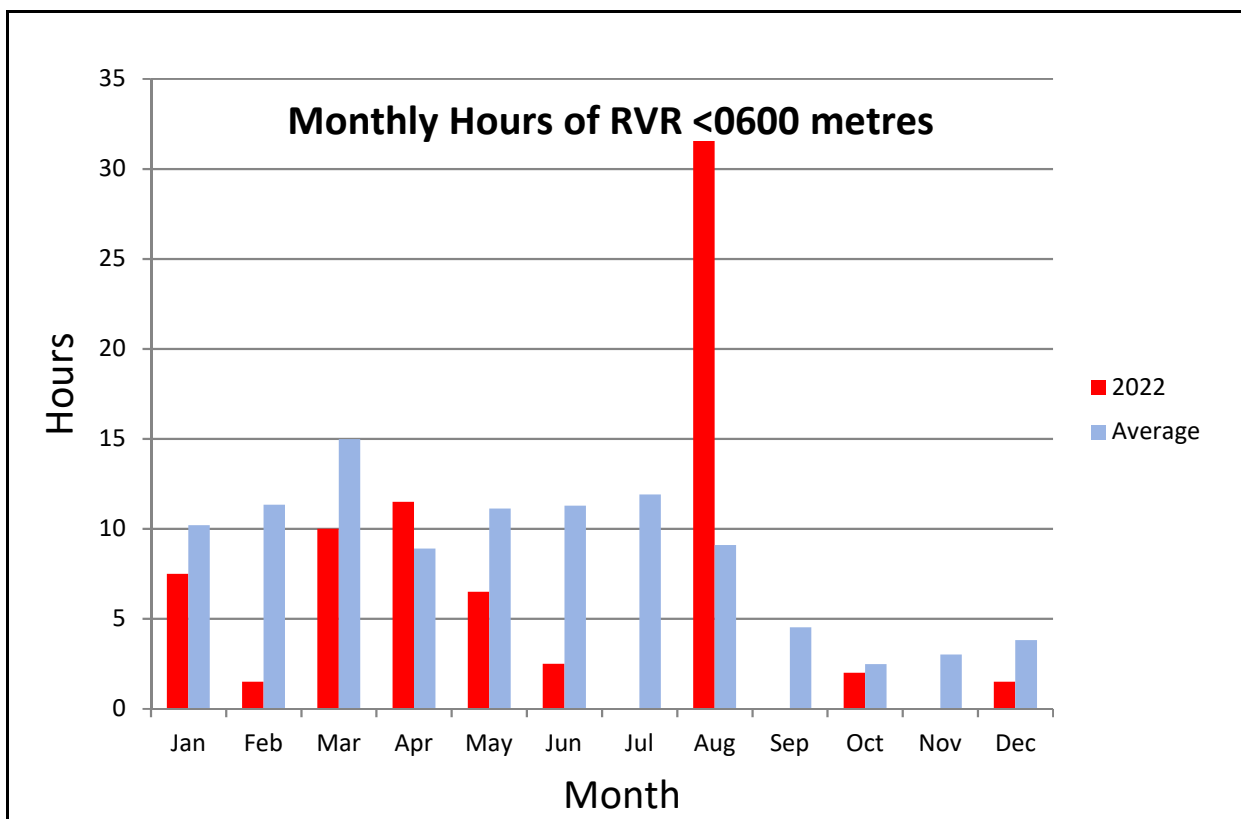
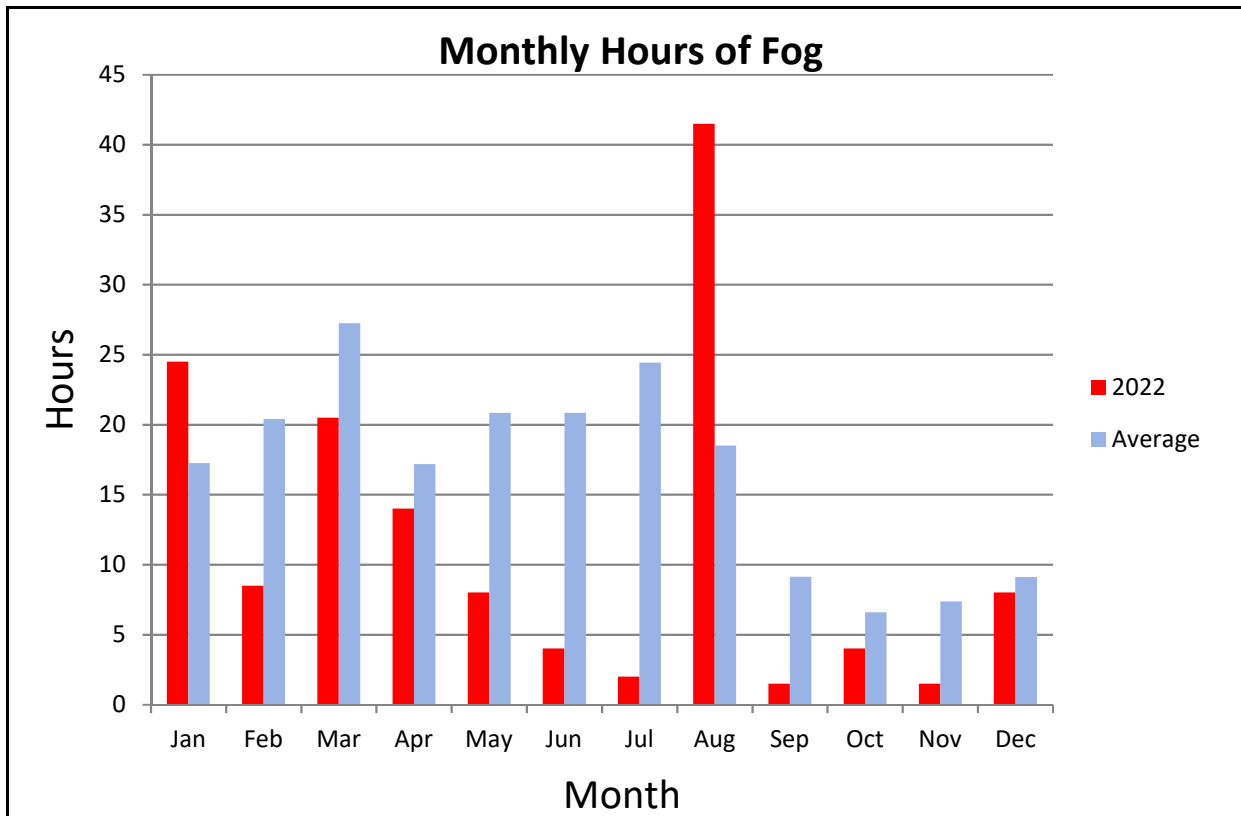
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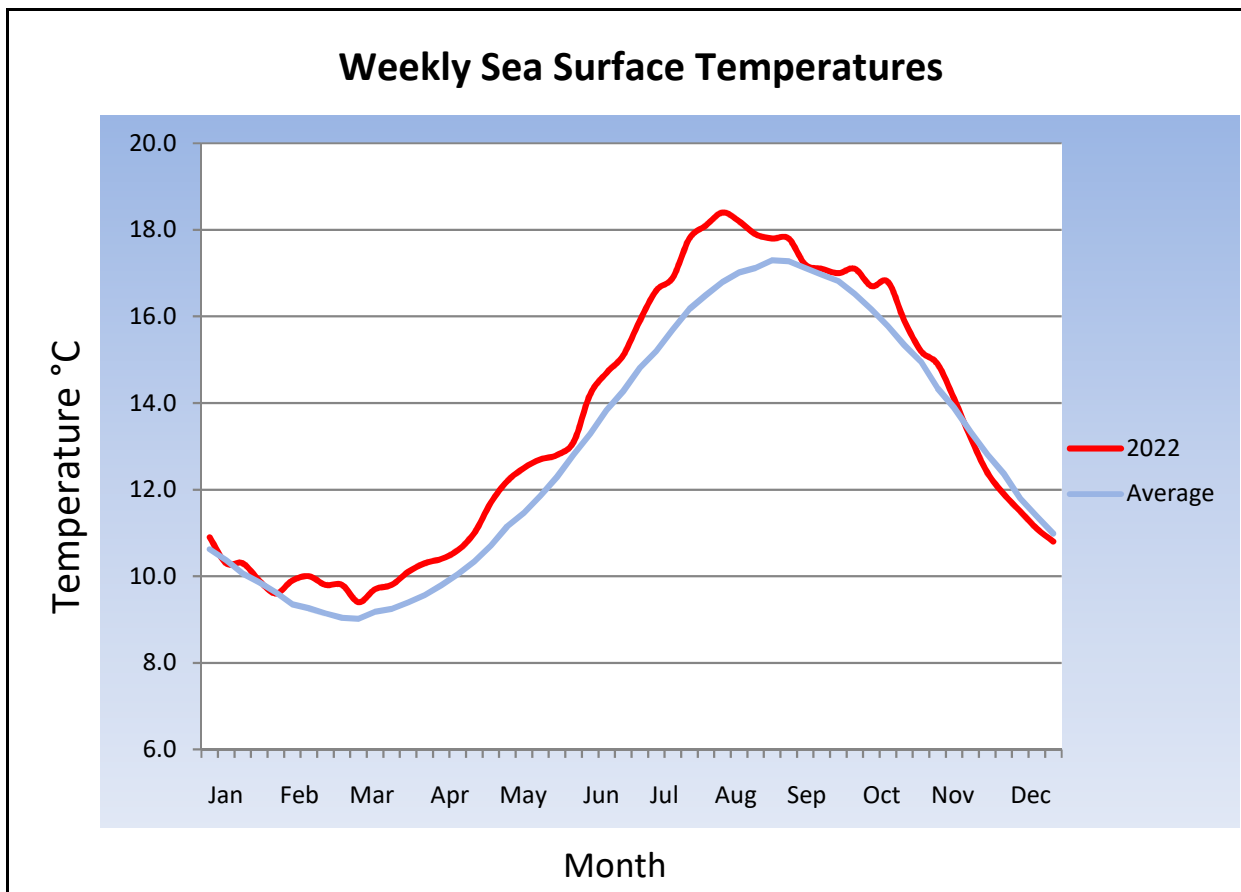
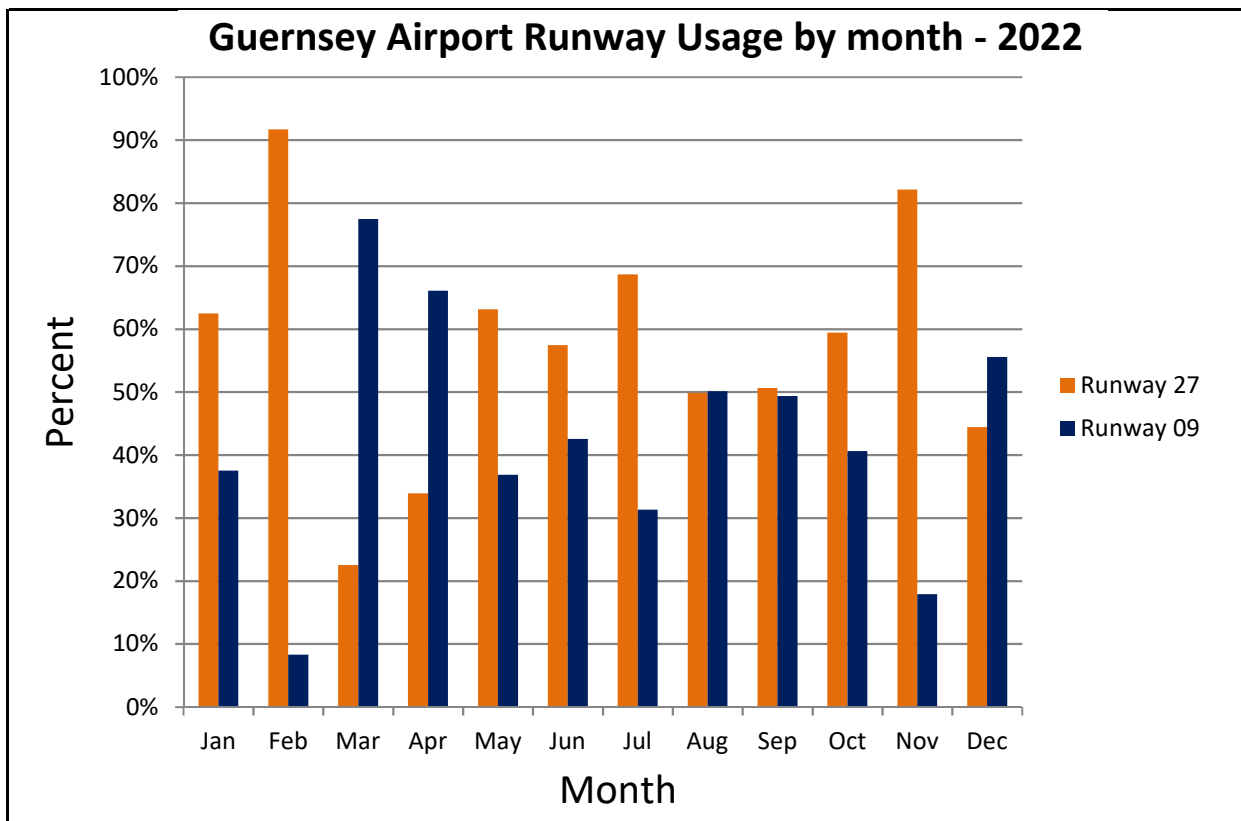
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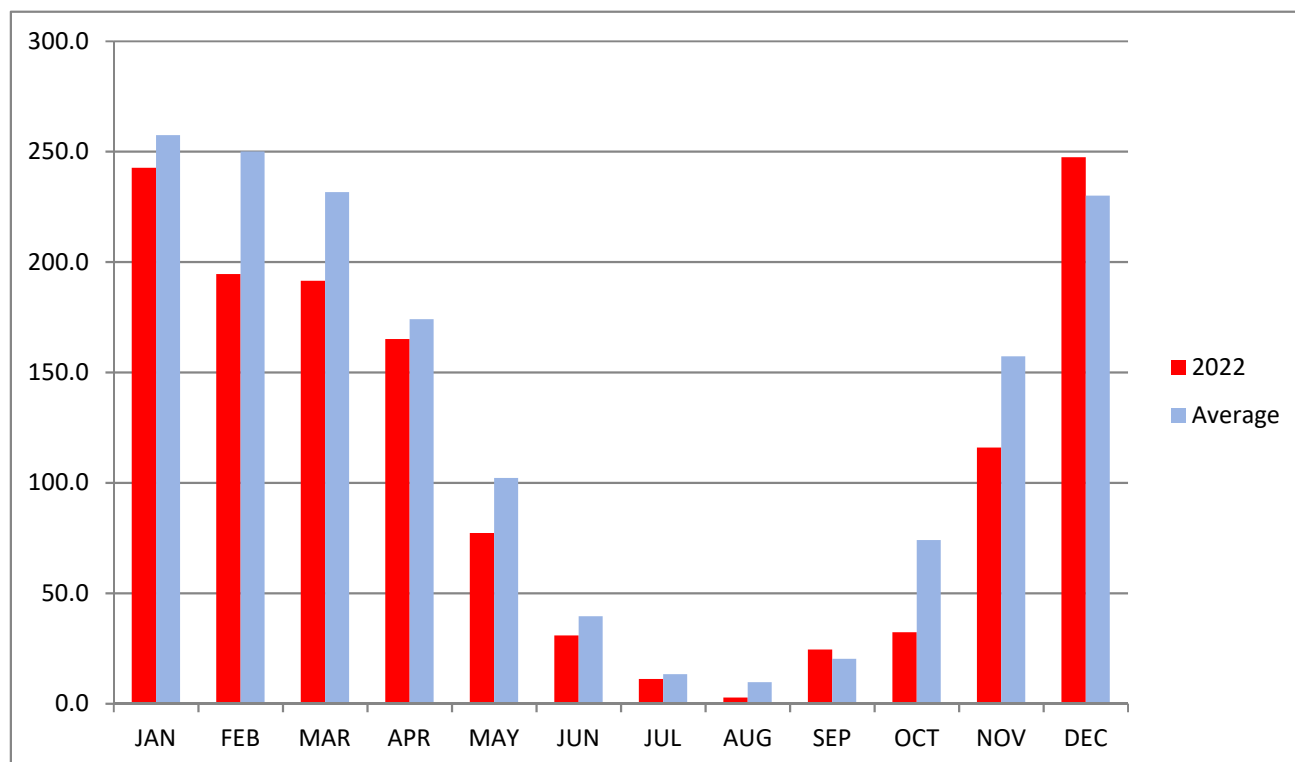
Degree Days

Monthly accumulated Degree Days below 15.5°C

(Average figures use data from 1991 - 2020)

	2022	Average
JAN	242.7	257.5
FEB	194.6	250.0
MAR	191.5	231.6
APR	165.1	174.1
MAY	77.3	102.2
JUN	30.9	39.6
JUL	11.1	13.3
AUG	2.7	9.7
SEP	24.5	20.3
OCT	32.3	74.1
NOV	115.9	157.3
DEC	247.4	230.0
YEAR	1336.0	1559.7

Accumulated Degree Days



GUERNSEY AIRPORT SUNRISE/SUNSET TIMES

2023 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

23 DY		JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		23 DY
		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS		SR	SS	
1	S	0806	1622	W	0743	1706	W	0654	1753	S	0548	1841	M	0449	1927	T	0409	2008	S	0408	2020	T	0441	1951	F	0526	1854	S	0610	1750	W	0658	1649	F	0744	1614	1
2	M	0806	1623	T	0741	1707	T	0652	1754	S	0546	1843	T	0447	1929	F	0408	2009	S	0409	2020	W	0443	1950	S	0527	1852	M	0611	1748	T	0700	1648	S	0746	1613	2
3	T	0806	1624	F	0740	1709	F	0650	1756	M	0544	1844	W	0446	1930	S	0408	2010	M	0409	2020	T	0444	1948	S	0529	1850	T	0613	1746	F	0701	1646	S	0747	1613	3
4	W	0806	1625	S	0738	1711	S	0648	1757	T	0542	1846	T	0444	1931	S	0407	2011	T	0410	2019	F	0445	1947	M	0530	1848	W	0614	1743	S	0703	1644	M	0748	1613	4
5	T	0806	1626	S	0737	1713	S	0646	1759	W	0540	1847	F	0442	1933	M	0407	2012	W	0411	2019	S	0447	1945	T	0532	1846	T	0616	1741	S	0705	1643	T	0749	1612	5
6	F	0805	1627	M	0735	1714	M	0644	1801	T	0538	1849	S	0441	1934	T	0406	2012	T	0412	2018	S	0448	1944	W	0533	1844	F	0617	1739	M	0706	1641	W	0750	1612	6
7	S	0805	1628	T	0734	1716	T	0641	1802	F	0536	1850	S	0439	1936	W	0406	2013	F	0412	2018	M	0450	1942	T	0534	1842	S	0619	1737	T	0708	1640	T	0752	1612	7
8	S	0805	1629	W	0732	1718	W	0639	1804	S	0534	1852	M	0437	1937	T	0405	2014	S	0413	2017	T	0451	1940	F	0536	1839	S	0620	1735	W	0709	1638	F	0753	1611	8
9	M	0804	1631	T	0730	1719	T	0637	1805	S	0532	1853	T	0436	1939	F	0405	2015	S	0414	2017	W	0452	1939	S	0537	1837	M	0622	1733	T	0711	1637	S	0754	1611	9
10	T	0804	1632	F	0729	1721	F	0635	1807	M	0529	1855	W	0434	1940	S	0404	2015	M	0415	2016	T	0454	1937	S	0539	1835	T	0623	1731	F	0713	1635	S	0755	1611	10
11	W	0803	1633	S	0727	1723	S	0633	1809	T	0527	1857	T	0433	1942	S	0404	2016	T	0416	2015	F	0455	1935	M	0540	1833	W	0625	1729	S	0714	1634	M	0756	1611	11
12	T	0803	1635	S	0725	1724	S	0631	1810	W	0525	1858	F	0431	1943	M	0404	2017	W	0417	2014	S	0457	1933	T	0542	1831	T	0626	1727	S	0716	1633	T	0757	1611	12
13	F	0802	1636	M	0724	1726	M	0629	1812	T	0523	1900	S	0430	1944	T	0404	2017	T	0418	2014	S	0458	1931	W	0543	1829	F	0628	1725	M	0717	1631	W	0758	1611	13
14	S	0802	1637	T	0722	1728	T	0627	1813	F	0521	1901	S	0428	1946	W	0404	2018	F	0419	2013	M	0500	1930	T	0545	1827	S	0629	1723	T	0719	1630	T	0759	1611	14
15	S	0801	1639	W	0720	1729	W	0625	1815	S	0519	1903	M	0427	1947	T	0404	2018	S	0420	2012	T	0501	1928	F	0546	1824	S	0631	1721	W	0721	1629	F	0759	1611	15
16	M	0800	1640	T	0718	1731	T	0623	1816	S	0517	1904	T	0426	1949	F	0403	2019	S	0421	2011	W	0503	1926	S	0548	1822	M	0632	1719	T	0722	1627	S	0800	1611	16
17	T	0759	1642	F	0717	1733	F	0620	1818	M	0515	1906	W	0424	1950	S	0403	2019	M	0422	2010	T	0504	1924	S	0549	1820	T	0634	1717	F	0724	1626	S	0801	1612	17
18	W	0759	1643	S	0715	1734	S	0618	1820	T	0513	1907	T	0423	1951	S	0403	2020	T	0423	2009	F	0505	1922	M	0550	1818	W	0636	1715	S	0725	1625	M	0802	1612	18
19	T	0758	1645	S	0713	1736	S	0616	1821	W	0511	1909	F	0422	1953	M	0404	2020	W	0425	2008	S	0507	1920	T	0552	1816	T	0637	1713	S	0727	1624	T	0802	1612	19
20	F	0757	1646	M	0711	1738	M	0614	1823	T	0509	1910	S	0421	1954	T	0404	2020	T	0426	2007	S	0508	1918	W	0553	1814	F	0639	1711	M	0728	1623	W	0803	1613	20
21	S	0756	1648	T	0709	1739	T	0612	1824	F	0507	1912	S	0420	1955	W	0404	2020	F	0427	2006	M	0510	1916	T	0555	1811	S	0640	1709	T	0730	1622	T	0803	1613	21
22	S	0755	1649	W	0707	1741	W	0610	1826	S	0506	1913	M	0418	1957	T	0404	2021	S	0428	2005	T	0511	1915	F	0556	1809	S	0642	1707	W	0732	1621	F	0804	1614	22
23	M	0754	1651	T	0705	1743	T	0608	1827	S	0504	1915	T	0417	1958	F	0404	2021	S	0429	2004	W	0513	1913	S	0558	1807	M	0644	1705	T	0733	1620	S	0804	1614	23
24	T	0753	1653	F	0704	1744	F	0605	1829	M	0502	1916	W	0416	1959	S	0405	2021	M	0431	2002	T	0514	1911	S	0559	1805	T	0645	1703	F	0734	1619	S	0805	1615	24
25	W	0752	1654	S	0702	1746	S	0603	1830	T	0500	1918	T	0415	2000	S	0405	2021	T	0432	2001	F	0516	1909	M	0601	1803	W	0647	1702	S	0736	1618	M	0805	1615	25
26	T	0750	1656	S	0700	1748	S	0601	1832	W	0458	1919	F	0414	2001	M	0405	2021	W	0433	2000	S	0517	1907	T	0602	1801	T	0648	1700	S	0737	1617	T	0806	1616	26
27	F	0749	1658	M	0658	1749	M	0559	1834	T	0456	1921	S	0413	2003	T	0406	2021	T	0435	1958	S	0518	1905	W	0604	1758	F	0650	1658	M	0739	1617	W	0806	1617	27
28	S	0748	1659	T	0656	1751	T	0557	1835	F	0454	1922	S	0412	2004	W	0406	2021	F	0436	1957	M	0520	1902	T	0605	1756	S	0652	1656	T	0740	1616	T	0806	1618	28
29	S	0747	1701				W	0555	1837	S	0453	1924	M	0411	2005	T	0407	2021	S	0437	1956	T	0521	1900	F	0607	1754	S	0653	1654	W	0742	1615	F	0806	1619	29
30	M	0745	1702				T	0553	1838	S	0451	1926	T	0411	2006	F	0407	2020	S	0439	1954	W	0523	1858	S	0608	1752	M	0655	1653	T	0743	1615	S	0806	1619	30
31	T	0744	1704				F	0550	1840				W	0410	2007				M	0440	1953	T	0524	1856				T	0656	1651				S	0806	1620	31

Additional Information:

St Peter Port Tides 2023:

<https://www.harbours.gg/CHttpHandler.ashx?id=163621&p=0>

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

Ormering Tides 2023:

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

Lihou Causeway Times 2023:

<https://www.gov.gg/CHttpHandler.ashx?id=163467&p=0>