

Guernsey Met Office



2015 Annual Weather Report

**INCLUDING DATA FROM
LIHOU ISLAND ALDERNEY SARK**

A division of the States of Guernsey Public Services Department

Guernsey Airport Meteorological Office – Annual Report 2015

The 2015 Guernsey Annual Weather Report is produced by

The Guernsey Meteorological Office

A division of

The States of Guernsey Public Services Department

Front cover photo:

Vertical wind shear (rapid changes in wind speed and direction with height) is not usually the first topic of conversation when the weather is discussed unless you are a passenger on an aircraft ascending or descending through it. Nevertheless, it is a regular feature of our atmosphere albeit one that is mostly invisible to the observer on the ground.

In late 2015, the sea temperatures around the islands were well above average. Any cold unstable airflow over the islands was therefore likely to produce cumulonimbus clouds and heavy showers. When such an airflow duly arrived, however, it also brought pronounced wind shear conditions with it. The result was an array of showers such as the one pictured to the south of Guernsey that had become twisted out of shape in a rather surreal fashion. The base of the cloud in the picture is about 2,000 feet and the rather grey fibrous top reaches 22,000 feet.

Photo credit: Martin Crozier

Contents

SENIOR METEOROLOGICAL OFFICER'S REPORT

ANNUAL AND MONTHLY COMMENTARY:

Weather Headlines for 2015

January

February

March

April

May

June

July

August

September

October

November

December

MONTHLY STATISTICS:

Annual Weather Summary

Sunshine / Pressure / Rainfall

Temperature

Number of Days with....

Wind Speed

Wind Speed & Direction (Percentage Frequencies)

Fog (Visibility < 1000m)

Runway Visual Range (< 600m)

Reports for Alderney

Reports for Sark and Lihou Island

DAILY OBSERVATIONS FOR 2015

January

February

March

April

May

June

July

August

September

October

November

December

APPENDICES – GRAPHS

Monthly Rainfall / Sunshine

Weekly Mean Air Temperature / Mean Air Pressure

Percentage Frequency of Wind Speed and Direction

Wet Days / Sunless Days

Monthly Hours of Fog / RVR < 600m

Weekly Sea Surface Temperature at St Peter Port

Degree Days (below 15.5°C)

SUPPLEMENTARY INFORMATION PAGES FOR 2016:

Summer Weekend Tides

Diary of Astronomical Events

Lihou Island Access Times

Ormering Tides / Phases of the Moon

Sunrise / Sunset Times

Guernsey Airport Meteorological Office – Annual Report 2015

2015 – Senior Met Officer's Report on Guernsey Weather & Climate Change

As the autumn of 2015 was progressing, it appeared that the year was turning into one of the least memorable in recent years as far as weather was concerned. Winter and spring temperatures, rainfall and sunshine were all close to normal, the summer had started in fine style but then faded out and the early autumn was cool and rather quiet. The only noteworthy occurrence concerning the weather had been the cool, wet and often miserable August. With so many poor Augusts in recent years, however, even this seemed to be fairly predictable.

All of this changed in November and December with the arrival of an extraordinarily persistent weather pattern. It was a weather pattern that would rewrite the records books in many parts of the British Isles and Europe with the islands also breaking records on both months.



Guernsey Met Office in 2015. The duty Met Observer is Chris Archard.

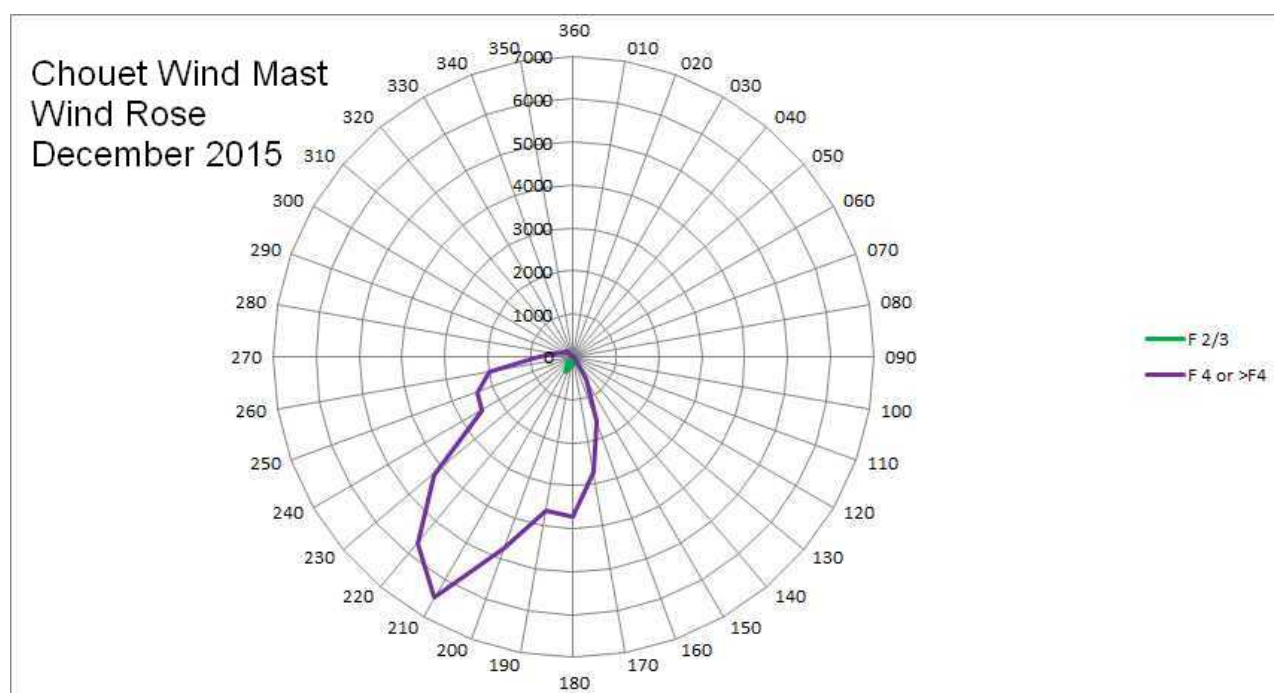
Photo credit: Martin Crozier

Guernsey Airport Meteorological Office – Annual Report 2015

During the early part of November, a large anticyclone became established over continental Europe and essentially persisted for almost two months. Obviously, during the course of November and December weather patterns altered to a certain extent and the area of high pressure was not entirely static, however the general circulation pattern was to have marked effects across Europe.

Underneath the anticyclone itself, much of Europe had two very dry months with periods of drought in some places and with many Alpine ski resorts remaining almost snowless throughout. To the west and north of the anticyclone, very mild southerly or south-westerly winds brought persistently high temperatures and this particular – and fortunately benign - extreme was the one to affect the Bailiwick. Atlantic depressions trying to push in from the west, as is normal during these months, found themselves blocked from progressing into Central Europe and, as a result, their associated weather fronts all too frequently ground to a halt over northern England and Scotland leading to days of incessant rain in these areas. All-time rainfall records fell over a wide swathe of Northern Britain with devastating floods occurring in the Lake District, northern England and parts of Scotland such as the Dee valley.

The wind rose below shows how consistently the wind blew from the south-south-west in Guernsey during the month of December. As can be seen from the diagram, the wind blew



A Wind Rose is sometimes used as a way of displaying wind variation at a weather station over a period of time. In this example, the wind rose represents winds that affected the Chouet wind mast during the month of December 2015. The vertical axis shows the number of minutes during the month when the wind was blowing from a particular direction. The direction in question is shown in degrees from true north with these numbers being shown around the circumference of the diagram. Light winds (Force 2 to 3) are depicted by the green line and stronger winds (Force 4 and above) are shown by the purple line.

Guernsey Airport Meteorological Office – Annual Report 2015

from between the narrow band of 200° and 220° for over 16,000 minutes (slightly over 11 days) and never blew from a northerly quadrant at all. The wind strength was also remarkably similar from day to day with almost no light winds but without any gale force winds either. Analysis of the November and December weather charts shows the origin of air masses affecting Guernsey with the November airflow usually originating from the area around Bermuda whilst the December airflow tended to come from seas surrounding Madeira and the Canary Islands.

Unsurprisingly, with an almost continual airflow from these warm parts of the world, Bailiwick temperatures were holding consistently in the “very mild” bracket. The unwavering airflows also ensured that no cold days occurred during the entire period. The record for the mildest November on record since records began at Guernsey Airport was broken by 0.2°C but the next record to fall would be broken by an even wider margin.



A shelf cloud ushers in some heavy rain over Torteval whilst the eastern part of the island remains in the sunshine for a few more minutes. Photo credit: Kevin Hickman

At the end of the year it was confirmed that the average temperature for the month of December was 11.6°C – easily beating the previous post-war record of 10.1°C and also easily setting the record for the warmest December on record. Although accurate temperature measurements do not go back before 1843 in Guernsey, it is very likely that December 2015 was the warmest December since the period from the 11th to the 14th century which is known as the Medieval Warm Period thanks to its extremely benign European climate.

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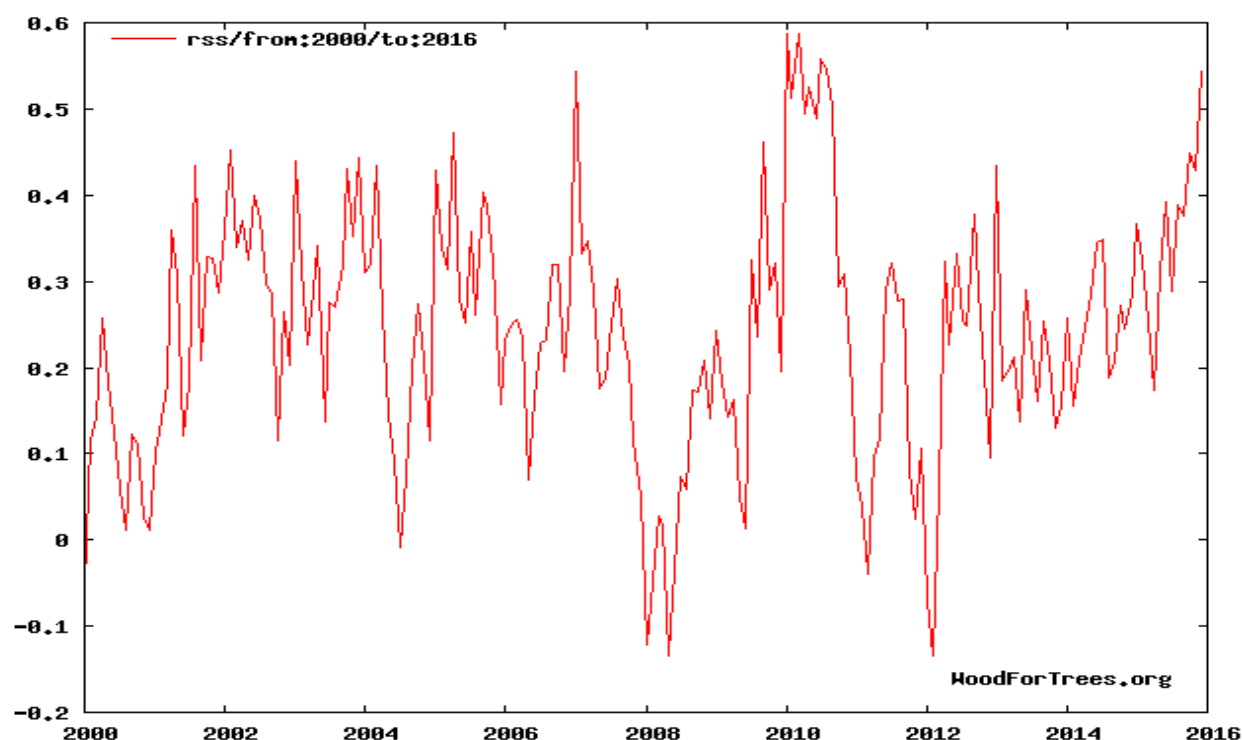


A double rainbow shines across Guernsey Airport. Photo credit: Martin Crozier

Whilst the reason for the extremely mild temperatures can easily be pinned on the very persistent wind and weather patterns, the reason for the persistent wind and weather patterns is far less easily discerned. Many experts have pointed the finger at a phenomenon known as El Niño which entails an unusual but entirely natural temporary warming of much of the central Pacific Ocean. An El Niño changes the weather patterns in the Pacific drastically and these changes have a knock-on effect for weather patterns worldwide. Much research is still necessary, but it appears that El Niño can sometimes encourage “blocking” of weather patterns in the northern hemisphere, leading to long periods of weather of a certain type which can, in turn, cause weather records to fall more readily than in a non El Niño year. The 2015 El Niño was one of the strongest ever recorded.

The same El Niño was the main reason behind a spike in global temperatures in 2015. Some datasets showed 2015 as being the warmest year on record. The UK had another warm year but rainfall will probably grab the climate headlines there with December's unprecedented rainfall totals and flooding in parts of Cumbria, Lancashire, Yorkshire and Aberdeenshire.

Guernsey Airport Meteorological Office – Annual Report 2015



Global air temperatures in 2015 remained above the average for the 36 year long satellite record. The above graph shows the difference in temperature in °C from this average for the 21st century so far. The warmest year of this record (not shown on the graph) is 1998. The RSS satellite record is representative of the temperature of the lowest layer of the atmosphere around the planet. A strong El Niño in the Pacific Ocean helped to push global temperatures up in 2015 and some other datasets showed 2015 as the warmest year on record. Data reproduced by kind permission of Remote Sensing Systems and the Wood for Trees online database and graphing tool.

Closer to home, 2015 was a year of change as far as personnel were concerned. In the spring, Roy Cook, our “Sark Met Office” observer decided to stop making the daily observations that he had undertaken and reported to us for many years. Roy felt that at the age of 90 it was time to hand over to a younger person so we would like to thank him for all his work and dedication over the years.

It was important that the Sark weather record should be continued so we were delighted when Antony Dunks volunteered to take over from Roy and the Sark Weather Station was moved a few hundred metres north and west in early summer. The new location was surveyed and documented by the Senior Met Officer and has now been accepted as the official weather station for Sark by the Guernsey and UK Met Offices.

Sadder events were to follow during the summer when Tony Pallot, the Principal Met Officer at the Jersey Met Department died after a short illness. As well as being a friend and colleague, Tony was also a focal point of knowledge and expertise for both of the Channel Island Met Services and headed up the weather forecasting team that also serves the Bailiwick of Guernsey.

Guernsey Airport Meteorological Office – Annual Report 2015

Shortly before Tony's funeral, Guernsey Met Office's Senior Met Observer (Climatology), Dave Cunningham also died suddenly and unexpectedly at his home. Dave worked for Guernsey Met Office for 41 years and in his role of climatologist he had acquired a huge working knowledge of local weather and climate that cannot easily be replaced.



As well as working for Guernsey Airport, Dave also held a private pilot's licence and had seen the airport develop over the years. He began working in the old Airport Met Office in the (now demolished) airport terminal and regularly walked across the grass next to the apron to manually read the temperature in an old Stevenson screen in the days when Airport Security was almost non-existent. Over the years, Dave built up a reputation for the precision and accuracy which has maintained the Guernsey climate record as one of the longest and most reliable in Europe. It is, however, as a steadfast, quiet, but gently humorous friend and fellow Observer that he will be remembered by Guernsey Met Office and Guernsey Airport staff. He is greatly missed.

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METEOROLOGICAL OFFICE GUERNSEY AIRPORT

WEATHER HEADLINES FOR 2015

- January – a very showery month. 13 days with hail recorded equals the record.
- February – the winter ends without a single air frost. Some slushy overnight snow on the 2nd/3rd melts before daybreak.
- March – driest for 3 years but otherwise unremarkable
- April – a very pleasant month. Dry, sunny and with above average temperatures.
- May – a counter-balance to April: cooler and duller than normal. Rainfall was, however, below average.
- June – the last day of the month brought the warmest temperature since 2006: 29.4°C. Sadly, the remainder of the month saw temperatures of 20°C and above occur on only 4 other days.
- July – started promisingly but deteriorated and ended rather duller and wetter than normal overall.
- August – what seems to have become traditional for August in recent years continued. Cooler and far wetter and duller than normal.
- September – the perfect antidote to August: sunny with below average rainfall. Still cool though.
- October – very dry and anticyclonic. A quiet month indeed.
- November – shattered the record for the warmest November day on the 1st and then went on to be the warmest November on record.
- December – easily the warmest December on record. Also noteworthy for a synoptic situation that barely changed all month and seemingly continuous south-south-westerly winds.

January

The first half of the month was mostly mild, wet and windy at times. It was generally colder thereafter with less rain and wind, although the highest gust for the month was recorded on the 30th.

On the 1st pressure was high to the south of us and low towards Iceland, with fronts crossing the British Isles. Our proximity to high pressure meant that, whilst it was cloudy, the day was dry and mild. A weak cold front passed through overnight giving rain and drizzle, with patches of fog before sunny periods developed. A depression then moved north-east towards Ireland, with its associated fronts bringing us periods of rain or drizzle and patches of hill fog. A south-west flow meant that it was mild and with pressure still high the amount of rain was comparatively small. Fronts had cleared through for the 4th, with the pressure rising to its highest for the month. The remnants of the old front remained close enough to keep it cloudy with some drizzle in the evening. The 5th was also cloudy, but it was dry through the day.

Fronts pushed east on the 6th, giving rain for a while with sunny periods in the afternoon. This marked the change to a more changeable weather pattern. A deep depression approached Iceland, with its fronts swinging across the British Isles. These fronts brought rain for that evening and at times overnight and on the morning of the 8th. A tightening pressure gradient brought stronger winds, including a brief gale. There was a transient ridge of high pressure before the next Atlantic weather system raced in towards the north-west of Scotland. This one was responsible for much storm damage for the Outer Hebrides where gusts of more than 100mph were recorded. It was windy here, but peak gusts were only up to force 9.

Another system followed in for the afternoon of the 9th. The pressure here was still high, so that amounts of rain were small and south-west winds ensured mild conditions. Rain and drizzle had cleared by the afternoon of the 10th, but it stayed cloudy with rain and hail showers that evening. There were a few more showers early on the 11th, but with high pressure over Biscay most of the day was dry with some sunshine. The next deep low passed to the north of Scotland on the 12th. Its fronts pushed quickly through most of the British Isles, but slowed down as they approached southern England. Rain began around midday, with rain or drizzle continuing until around dawn on the 13th. The rain was heavy at times resulting in the wettest day of the month.

Once the rain had cleared through on the 13th there were sunny periods and blustery showers of rain or hail. More squally showers followed for the 14th, with a brief gale, but also some sunny periods. A period of rain followed overnight as yet another set of fronts went through. The depression responsible for these fronts then slowed down north of Scotland bringing a colder north-west flow to the United Kingdom. For the next week or so it was noticeably colder than previously, although with a marked drop in wind strength. The 16th was mostly dry with sunny periods, but the showers became more frequent on the 17th. That night the showers merged to a longer period of heavy rain. There were some more showers for the afternoon of the 18th, with hail included.

The 19th was a cold day despite sunny periods and just one or two showers. As the wind fell light overnight a slight hoar frost formed with the air temperature dipping to 1.0°C. Cloud ahead of a small low soon blocked out the sun on the 20th, with rain arriving that afternoon, with showers overnight. The showers had gone by dawn on the 21st, but it stayed cloudy through the day, ensuring the temperature failed to beat 5°C during daylight hours. The wind was at its lightest on the 22nd and it was another dry day with a few hours of sunshine. There was a touch of hoar frost before dawn on the 23rd and sunny conditions followed through into the afternoon. Fronts went through overnight giving drizzle for several hours, but this had gone by dawn on the 24th. The rest of the day was fair with sunny periods, resulting in the sunniest day of the month.

The early hours of the 25th saw mostly clear skies and with light winds a slight hoar frost formed. Cloud ahead of the next warm front soon spread in to allow us limited sunshine. It remained dry, though, until late in the day and with the pressure staying high only a small amount of rain was recorded. The 26th saw some rain or drizzle during the morning, followed by a couple of hours of sunshine that afternoon. A ridge of high pressure led to a fair start for the 27th, but it soon clouded over with light rain or drizzle that evening.

Fronts passing through on the morning of the 28th brought rain, drizzle and fog for a while. The fronts had cleared by midday, but it stayed cloudy with showers coming through. As the temperature fell there was hail with some of the showers later on. There were more showers on the 29th and these merged to a longer spell of rain during the morning, before becoming showers again for the afternoon. There were yet more squally showers early on the 30th, with hail again and a brief thunderstorm. These were followed by several hours of sunshine, then a few more showers in the evening. Low pressure and a fresh to strong north-west wind meant rather cloudy conditions to end the month, with some more showers.

This month was milder than normal, due to the very mild conditions during the first two weeks. Rainfall was above average and sunshine slightly below average. It was windier than usual, with a notably windy eight days from the 8th to 15th. The high frequency of showery days resulted in a much higher incidence of hail than normal. The total of 13 days with hail tied the record.

February

This month got off to a wintry start, with the temperature falling close to freezing during snow showers on the 2nd and 3rd. Temperatures were consistently below average during the first 12 days, with further cold weather at times thereafter.

Low pressure over the North Sea and a ridge of high pressure over the Atlantic resulted in a cold north to north-west airflow on the 1st. There were sunny periods in the morning, but it then clouded over with showers of rain or hail later on. By the 2nd the low had filled and the ridge had weakened bringing light winds to the area. Cloud built during the day with showers developing by the evening. These showers were a mixture of sleet, snow and snow pellets. They continued overnight, falling heavily enough to give a covering of wet snow for a while. By the morning of the 3rd most of this had melted away. There were more wintry showers on the 3rd, with some spells of sunshine. Rising pressure brought a reduction in the showers for the 4th, although it remained cold with limited sunshine. A further pressure rise for the 5th brought little change in the weather with some more showers and little sunshine.

By the 6th pressure was high over the British Isles and low over Italy. This situation produced a steep pressure gradient over the Channel, resulting in fresh to strong north-east winds for us. It was consequently still cold, but by this stage it was dry with sunny periods. Over the next couple of days the pressure gradient reduced, ensuring less wind with further sunny periods. By the evening of the 8th a large anticyclone was centred off south-west Ireland, with a ridge to northern France. This meant that the wind fell light and with clear skies a ground frost formed that night. After a chilly start the 9th was mostly sunny with the temperature climbing higher than at any stage earlier in the month. Cloud spread in overnight to stop another ground frost, but overcast conditions on the 10th, with the wind veering to the east, made for a cold day.

Over the 11th and 12th the main area of high pressure moved slowly east-south-east towards the Black Sea with the pressure over the British Isles falling gradually. Our winds continued to blow from between east and south-east, keeping the temperature below normal, although we did have a few hours of sunshine one each day. By the evening of the 12th the pressure had fallen further as a depression over the Atlantic moved towards Ireland, with troughs crossing the Channel. These brought some light showers, the first rain for a week.

Fronts swept through the area on the 13th bringing rain from mid to late morning, followed by showers in the afternoon. Winds from the south-west, though, made for one of the warmer days of the month with the maximum reaching 10°C for the first time in the month. A low moved east-south-east across southern England and the Channel on the 14th, keeping showers going. This was followed by a transient ridge of high pressure that allowed sunny periods for the 15th. The next set of fronts was, though, on their way in to bring rain on the 16th.

The pressure began to rise quickly on the 17th as a developing anticyclone moved north-east towards the British Isles. This resulted in a mainly sunny day, but this was followed by a clear night which, combined with light winds, led to a cold night with a ground frost. The 18th was the sunniest day of the month, however, the character of this month's weather was set to change.

By the 19th a deep low had become slow moving near Iceland, with the associated cold front through most of Ireland. This front reached here in the afternoon, giving continuous rain for the rest of the day. The front had moved through by the 20th, however, a small low was approaching Brittany. This affected our weather for most of the day with rain until late afternoon. A showery flow followed, but there were long sunny periods on the 21st with just a few showers. The next set of fronts was soon on their way in with wet and misty conditions for the afternoon and evening of the 22nd.

A showery airflow spread across the area in the early hours of the 23rd. The pressure gradient also steepened as a deep low edged towards north-west Scotland. We had blustery showers mixed in with sunny periods and it became windy with gusts up to severe gale force 9. There was a similar mix of weather the next day with sunny periods and blustery showers of rain and hail. Moist air spread across the Island on the 25th leading to damp and misty conditions with hill fog late in the day. The air, though, was at its mildest for the month with a peak reading of 10.7°C. The moist air remained over us until the afternoon of the 26th with early fog being replaced by rain for a while, then showers by the evening.

A passing ridge of high pressure brought a mainly sunny morning on the 27th before cloud ahead of the next fronts came in during the afternoon. The 28th saw just a short glimpse of the sun, being mostly cloudy with outbreaks of rain or drizzle. Overnight heavier rain and drizzle, with fog patches, boosted the month's rainfall total.

The mean temperature for the month was below average being colder than February last year, but not as cold as the previous two. Wet weather from the 19th onwards meant that rainfall was above average, but we did get more sunshine than usual. Winds were on the whole slightly lighter than normal.

This winter was colder, drier and less sunny than the last one. All elements, temperature, rainfall and sunshine were slightly above average.

March

A sunny first week with the temperature rising held the promise of a good month. The rest of the month, though, was cloudy for much of the time and the temperature fell back with a north-east wind blowing. Milder westerly winds then came in later in the month.

Fronts moved through the area early on the 1st before clearing to allow sunny periods. The afternoon became cloudy with slight showers that evening. The next couple of days were bright and breezy with sunny periods and showers, some of which contained hail. By the morning of the 4th the pressure had risen markedly due to a developing anticyclone drifting into Biscay. This killed off the showers allowing more sunshine.

High pressure was centred over Brittany on the 5th bringing a day of light winds and unbroken sunshine. We remained under the influence of the high pressure for the following two days and with the high drifting east the wind veered towards the south pulling in warmer air, with the temperature reaching its highest for the month on the 7th at 13.5°C. By this stage fronts were affecting western Britain. As these moved east cloud spread in, meaning that after a bright start on the 8th, most of the day was cloudy. It also became very humid with fog patches in the evening.

A deepening depression moved north-east to the west of the British Isles on the 9th, with cloud from the associated warm front making for a dull day. There was some rain during the evening, but with the pressure staying high this was only light. It did, though, become foggy. A new high then moved north-east over Britain on the 10th, but for us the remains of a weak front was close enough to make for a mainly cloudy day. The situation was similar on the 11th with any rain not amounting to much. There were a few hours of sunshine the next day and with a south-east wind the temperature rose several degrees above normal.

A front moved through in the early hours of the 13th, bringing the first appreciable rain for nearly 10 days. The front then became slow moving to the east of us with rain at times and a cool northerly wind. The wind veered towards the north-east on the 14th with a few hours of sunshine, but it was still a cool day and showers came in later. It was then cloudy and cool for the 15th with some rain or drizzle at times. There was little improvement the next day, although any rain was light. A slight change of airflow brought sunny periods and higher temperatures for the 17th. The 18th was mainly sunny, but the temperature fell back as the wind shifted again slightly.

High pressure continued to dominate the weather on the 19th, but cloud came in again from the north-east to make for a cooler day once more. It was cooler still on the 20th, although the sun came out for a while. That night there were clear spells which, with light winds, allowed the temperature to drop leading to a slight ground frost. There were sunny periods for the 21st with the daytime temperature about normal after a chilly start. The wind continued to blow from the north-east on the 22nd with cloud coming in once more to hold the temperature down.

The weather pattern was starting to change with the high over Britain moving away to the east and a depression and its fronts bringing rain to Scotland. Before the change affected us we had a night of clear skies and light winds to give the lowest temperature of the month, with a ground frost. There were sunny periods during the day with cloud from a weakening front not reaching here until the evening. The front moved through quickly giving only a little rain, with the sky clearing for the 24th. Winds were now blowing from the north-west or north which meant temperatures were below normal, but a passing ridge of high pressure made the 25th a day of unbroken sunshine. A frontal system came through overnight with rain and drizzle during the early hours of the 26th giving the highest daily total of rain. This had mostly gone by mid morning to allow the sun to come out once more.

On the 27th a waving warm front moved east through the area bringing rain and drizzle and introducing a moist westerly airflow, which produced mist or hill fog late on. It was foggy through until mid-morning on the 28th. Even after the fog had gone the mist persisted and we had rain and drizzle for a while in the afternoon. There was more rain and drizzle on the 29th and it became windy with gales for a while during the late morning. There was rain, drizzle and fog early on the 30th, which cleared to allow a couple of hours of sunshine. A new depression was on its way in, though, to bring more drizzle and fog for a time overnight. All fronts cleared through rapidly on the 31st to give us a mainly sunny, but windy day.

The mean temperature this month equalled the average, while with high pressure dominant rainfall was only half of the usual amount, making this the driest for three years. Sunshine was just above average, due to the very sunny start, as much of the month was rather dull. The mean wind speed was slightly below average, but the first three days and last four were windy. Fog had been of little significance until the 27th, and then it became a problem on three out of four days.

April

High pressure dominated the weather for most of the first three weeks of this month, leading to dry and sunny conditions, Easterly winds also helped to bring warm weather at times, especially in the first half of the month.

At the start of the month an anticyclone was centred north-west of Spain with fronts affecting northern Scotland and more fronts crossing Ireland. After sunshine on the morning of the 1st, cloud increased with rain or drizzle later. Much of the 2nd was a dry, but cloudy day following early drizzle. A passing cold front then gave heavier rain and drizzle for a few hours after dawn on the 3rd. Once this had cleared it remained cloudy and cool for the rest of Good Friday, with a little more drizzle or rain later.

By the 4th pressure was rising as an anticyclone edged into Ireland. This change brought dry weather, although we only managed a few hours of sunshine. By Easter Sunday pressure was high over the British Isles, leading to more sunshine and this was followed by a sunny Easter Monday. The pressure stayed high for the next three days, ensuring more dry and sunny weather. With light easterly winds blowing daytime temperatures rose with 16.9°C being reached on the 9th.

The 10th was a mainly sunny and rather warm day, but a cold front was moving east across Ireland. This reached us that evening bringing rain and some hill fog late on. The front cleared through quickly for the 11th, allowing us mostly sunny conditions once again, however, there was a noticeable drop in temperature. The pressure then rose again, bringing more, dry and mainly sunny weather, although there was thick fog for most of the morning on the 13th. This cleared rapidly in the early afternoon with the temperature rising quickly and the air drying out, although fog hung around on the sea for several more hours. There was unbroken sunshine over the next two days and it became very warm for mid-April. The maximum temperature of 22.5°C on the 15th has only been beaten on four occasions during April; the most recent in 2011. Increased cloud the next day meant lower temperatures, although it was still several degrees warmer than normal.

A weak cold front passed through early on the 17th bringing a marked drop in temperature. No sunshine and more wind accentuated the change with a few showers making for a depressing day. High pressure then dominated the weather over the following six days, however, with the centre of the high over, or to the north of the British Isles and with low pressure over Iberia, there was a marked pressure gradient over the Channel. This meant that we had fresh to strong north-east winds which held down daytime temperatures, despite plenty of sunshine.

By the 24th the high pressure over the British Isles had declined allowing fronts to move north-east across Biscay. We held on to sunshine for a few hours, but cloud had spread in before the end of the morning, with rain during the evening. Low pressure had edged further into Biscay on the 25th, giving us a day with sunny spells and showers, but with light south to south-west winds temperatures were slightly above average. The 26th, though, was a dull day with mist or fog patches and some light rain at times. The wind had moved into the north for the 27th, so that, while it was a sunny day, we only just exceeded 10°C. Another mainly sunny, but rather cool, day followed with a couple of showers.

Low pressure moved into western Scotland on the 29th, with a showery airflow affecting the Bailiwick. There were sunny spells along with some showers, which continued overnight. There was a heavy shower just before dawn on the 30th which included some hail, the only occurrence this month. The showers then moved away, but there was limited sunshine with the temperature a touch below normal.

Overall this was a dry, sunny and rather warm month. Rainfall was the lowest and sunshine the highest for four years, while the mean temperature was marginally below that for last year. The mean wind speed was below average, although April last year was quieter.

May

The weather for the start of May was poor and we did not see a great improvement during the month. Despite the frequently unsettled conditions rainfall was below average, but we were plagued by fog more often than usual.

Slow moving, but weak, fronts gave a cloudy start to the month, with some rain. More active fronts moved north-east across the area on the 2nd, keeping it cloudy with rain at times and holding the temperature down. After early drizzle and fog it brightened up on the 3rd, with sunny periods in the afternoon, which boosted the temperature. Fronts then moved north across the area on the 4th, giving us a wet Bank Holiday. The associated low had passed by the next morning, with a cold front soon clearing through to allow sunny periods, but it became a windy day.

With a deep low over Northern Ireland and an anticyclone over northern Spain, the 6th was a windy day, but mainly sunny for us after a few early showers. The winds had eased by the next day as the low moved away and a ridge of high pressure crossed the area. After a sunny morning cloud increased as the end of a warm front approached. There was little sunshine on the 8th, but it was mainly dry. Weak fronts crossed the Islands through the night of the 8th and early part of the 9th, giving a little rain. It did brighten up on Liberation Day, with sunny spells especially away from the higher ground near the Airport.

On the 10th an anticyclone moved north-east over France while a deep depression moved north over the Atlantic. This situation brought southerly winds with periods of warm sunshine after early fog had cleared. The wind had veered to the south-west by the 11th introducing a very moist airflow, which resulted in fog at times. The fog thickened up overnight before dispersing following the passing of a weak cold front on the 12th. Clear skies and light winds allowed the lowest temperature for the month that night. Sunny spells and winds from the east helped the temperature to climb higher than previously this month, but it became cloudy during the afternoon with light rain in the evening.

On the 14th a depression moved east towards Brittany, with its fronts swinging north-east across the Bailiwick. This pattern brought rain and fog for a while before the cloud broke to leave us with sunny periods. The pressure rose over the next couple of days, but fronts were close enough on the 15th for only a few hours of sunshine, although it was dry until after midnight. Drizzle and fog in the early hours of the 16th cleared as weakening fronts cleared through. The rest of the day was sunny and a fair night followed. After the highest pressure of the month fronts, from a low off north-east Scotland, pushed into the British Isles bringing rain and drizzle for the 18th. This moved through, though, with sunny periods for the afternoon, although it became breezy.

Low pressure dominated the weather over the British Isles on the 19th, with a rather cool and fresh breeze affecting the area with showers early and again overnight. The bulk of the day, though, saw sunny periods. By the morning of the 20th a developing ridge of high pressure had killed off the showers, allowing us a sunny day, although a northwest wind kept it rather cool. Fronts affected parts of Britain the next day, but here it stayed mainly sunny and dry. A moist airflow spread in on the 22nd bringing a cloudy day with some drizzle and fog. The fog had gone by the early hours of the 23rd, with the cloud clearing during the morning, to leave us with a warm and sunny afternoon.

A shift of wind to the north-west brought lower temperatures for the 24th, although the morning was sunny. It then became cloudy with light drizzle and some fog for the evening. There was some more light rain or drizzle the next day, but still with some periods of sunshine. A ridge of high pressure moved across the area on the 26th, leading to a mainly sunny day with higher temperatures. The ridge stayed with us for the 27th, giving another sunny day with the temperature rising a little more. Fronts were by now crossing Ireland, reaching here early on the 28th. They had weakened considerably, so that we just got light drizzle, before it brightened up once more.

The pressure was generally lower for the last three days of the month with a small low crossing the United Kingdom on the 29th giving us some rain. This system moved out of the way, with the cloud breaking and the morning of the 30th was sunny. A new set of fronts brought cloud for the afternoon, with rain in the evening. There was more rain for the 31st, with fog patches. This cleared through during the afternoon leaving us with sunny spells. Through these three days temperatures were below average.

This month was slightly cooler than normal, with less sunshine than usual. Rainfall was below average for the third month in a row. Fog was much more in evidence than in recent years, causing problems for flying at some stage on at least five days.

This spring the mean temperature and sunshine were above average, but both lower than in spring last year. Rainfall was well below average with the lowest total for four years.

June

High pressure was in control of the weather for much of the month, leading drier than average conditions. The air was often, though, coming from Polar regions, thus keeping temperatures below normal. One incursion of warm air on the 11th was ended by an intense thunderstorm and we then had to wait until the last week for any more warm weather.

Low pressure to the north-west and west of the British Isles and high pressure over Biscay gave us a fresh south-west airflow on the 1st. There were spells of sunshine, but with fronts pushing in there were outbreaks of rain that evening. For the 2nd there was complex low pressure over and to the north-west of Britain, with fronts affecting most of the country. We had a cloudy and breezy day with rain or drizzle at times and occasional fog. The passage of a cold front overnight was followed by a build of pressure, bringing a mainly sunny day on the 3rd, with much lighter winds.. Clear skies and light winds meant the following night was the coldest of the month, but then light easterly winds and sunshine allowed the temperature to rise reasonably well on the 4th.

Weak fronts affected us at times on the 5th, with showers early on. There were sunny periods through the day and the temperature was above normal. Once the fronts had passed through, the pressure rose markedly, bringing a run of dry and sunny days. The main centre of high pressure remained to the west of Ireland, though, with a ridge over the British Isles and low pressure over southern Europe. This pattern resulted in a steep pressure gradient over the Channel; hence we had fresh to strong north-east winds, which held the temperature down, despite the sunshine.

By the 10th the low pressure over southern Europe was extending north, whilst the high pressure over the United Kingdom was declining. Warm air spread north across the area on the 11th and with sunny periods the temperature rose to 21°C. Thunderstorms then moved north over the Bailiwick during the evening, with intense thunder and lightning being accompanied by a burst of torrential. This caused flooding in several places, but most notably through St. Peter Port. There was no more thunder on the 12th, but with active fronts in the area we had a number of hours of rain, some of which was heavy. Over these two days we had more than two-thirds of this month's rain.

The fronts that had affected us on the 12th had transferred to southern England for the 13th, with a rise in pressure here allowing a dry day with sunny periods. There was some cloud again that night, but that cleared during the morning of the 14th to leave sunny periods again, although it was still rather cool. There was a repeat for the next night and day, so more sunshine on the 15th. For the 16th a ridge of high pressure covered much of England and the Channel, while fronts were pushing east across Ireland. This situation gave us a sunny day and fine night, with sunshine early on 17th. Cloud soon increased, though, with hill fog and drizzle that evening. The fog continued into the next morning, before clearing away as a weak cold front moved through, to leave us with sunshine for the late morning and afternoon.

A ridge of high pressure gave a sunny day on the 19th, but fronts were again moving east across Ireland. We continued to be influenced by the ridge through the morning of the 20th, however, cloud had spread in by the afternoon with the air becoming moister during the afternoon. There was mist or fog in the evening and overnight, with drizzle early on the 21st. A cold front then went through to allow sunny periods to develop during the day. Cloud came in again overnight and it stayed cloudy through until the evening of the 22nd, with outbreaks of rain or drizzle. The lack of sun made for a cool day with the highest temperature a poor 13.7°C.

Over the next few days the weather changed from cool to warm. The 23rd had long periods of sunshine, but with north-west winds the temperature struggled to rise. With clear skies and light winds that night was rather cool, but the temperature then rose well to pass 20°C for only the second time in the month up to that point. Light and variable winds and unbroken sunshine allowed it to become warm on the 25th. Fronts coming in from the west made the 26th mainly cloudy, although the fronts were weak so rainfall was limited.

The 27th and 28th had variable amounts of cloud under the influence of a weak ridge of high pressure. A weak front then brought fog during the evening, which stayed around into the early hours of the 29th. This then cleared to allow a mainly sunny day and it became warm with light winds. A warm night followed and with east to south-east winds blowing through the day it became very hot reaching 29.4°C, the highest recorded since July 2006. Thundery showers moved in that evening, but gave little rain and it stayed very warm for much of the following night.

Thanks to the warm weather in the last week the mean temperature for the month was just 0.1°C below average. Rainfall was below average and we had more than 40 hours sunshine above normal. Windy conditions experienced at time in the first 10 days were balanced by quieter weather thereafter, so the mean wind speed was close to the average. Fog was much more in evidence than June last year, but less so than in the previous three.

July

After a promising early part of the month, the weather went downhill rapidly with limited sunshine and falling temperatures, plus some wet and foggy conditions.

The heat leftover from the end of June saw the temperature at the Airport on the 1st reach 26.1°C briefly, before the wind veered to the west and fog rolled in. A cold front moved through during the morning of the 2nd, giving occasional rain as it did so, followed by a fine afternoon once it had cleared. A small high crossed the area overnight, with clear skies and light winds leading to rather cool conditions. Most of the day was sunny, but a warm front coming up from the south brought increased cloud, with lightning that night. A weakening cold front then went through early on the 4th giving just a light shower, followed by sunny periods.

A developing ridge of high pressure produced a mainly sunny day on the 5th after the clearance of early cloud. The passing of a transient high resulted in the sunniest day of the month on the 6th, although fronts were not very far away, affecting south-west England. Weakening fronts passed through on the 7th, giving some rain or drizzle, followed by sunny periods. With low pressure over Britain moving away slowly and a ridge of high pressure building from the south-west there was a fresh breeze on the 8th. There were sunny periods, but the temperature was rather low, this slight chill being accentuated by the breeze.

With high pressure the 9th was a sunny day, but with light winds blowing in off a relatively cool sea the temperature was kept to a similar value to that of the previous day. On the 10th, though, it was much warmer with south-east winds pulling hot air off France. A switch of the wind to the west meant a much cooler day on the 11th, but at least the sun shone. By the 12th fronts had pushed across western Britain. There was then a frontal zone lying across England and Wales for the next four days. This situation made for little sunshine, but also not much rain, with daytime temperatures average at best, although with rather warm nights. A moist airflow produced a large amount of low cloud, with hill fog affecting the Airport at some stage on five days in succession.

The 15th saw the clearance of a weak cold front, allowing the sun to come out in the afternoon. Low pressure was still not far away, though, with a developing low to the west of Biscay drifting north. South-east winds and sunshine raised the temperature once again on the 16th. By the next day, however, the low had reached western Ireland with a front approaching the Islands. The temperature fell back again, but there was little rain. A transient high crossed the area on the 18th, bringing a day of light winds, but the temperature fell further and sunshine was lacking, with some rain in the afternoon. There were various fronts over Britain and the near Atlantic on the 19th. We had some sunshine, but rain, drizzle and hill fog spread in during the evening.

With a warm front moving north-east across the Islands early on the 20th, bringing in very moist air, we had drizzle and hill fog early and again during the evening. Fronts had cleared through by the next day and we managed a mainly sunny and reasonably warm one, with the temperature reaching 20°C for the last time this month. A small high moved across the Bailiwick on the morning of the 23rd, to bring light winds and some sunshine. A new depression, though, was moving north-east towards the Channel. Rain arrived that evening, with further rain on the 24th. This time accompanied by thunder at times and thick fog for a while in the evening.

For the 25th a ridge of high pressure allowed for a mainly sunny day, although with the temperature below normal. The unsettled nature of this month's weather meant that a new depression was soon to make its presence felt. Fronts from this were already into Ireland by the early hours of the 26th, with rain for us before dawn. The rain was heavy at times and the wind picked up, becoming strong at times, especially during the afternoon with gusts to gale force. The depression continued to affect our weather over the following couple of days, although with just a few showers on the 27th.

High pressure influenced our weather for the last three days, bringing dry and mainly sunny conditions. Despite the sunshine temperatures remained below average.

The relatively warm weather that prevailed for the first three weeks meant that this month was marginally warmer than average. This was, though, the coolest for three years. The four wet days from the 23rd to 26th made this slightly wetter than normal, while a lack of sun from the 12th to 28th ensured that sunshine was below average. Fog was a problem on a number of days, especially from the 13th to 15 and again on the 20th. The mean wind speed was slightly above normal with a couple of breezy spells from the 11th to 14th and 26th to 29th.

August

August started with a promising amount of sunshine on the 1st and 2nd and a strengthening ridge of high pressure replaced cool Atlantic air with a much drier continental feed. The 2nd actually saw both the lowest and highest temperatures for the month with temperatures rising from 10.9°C to 24.8°C as the south-easterly wind freshened. Poised in the wings, however, was the first of a succession of August depressions and fronts which would ultimately ensure that August 2015 would be remembered for all the wrong reasons.

Cloud, rain, drizzle and mist arrived early on the 3rd with fog by mid-morning. Some late sunny intervals did little to save the day. Bright and breezy conditions dominated the following morning but the next depression was already pushing in from the south-west with its associated cloud arriving in the afternoon and rain by evening. Mainly cloudy conditions dominated the 5th with a little light rain early on. Some fair intervals allowed the temperature to rise to 19.1°C before the warmth triggered some thundery showers during the evening.

As winds veered south-westerly early on the 6th, mist, drizzle and fog patches affected the islands which then cleared to give some sunshine in the afternoon. A ridge of high pressure crossed the islands on the 7th and 8th giving both days maximum temperatures above 20°C and more than 12 hours of sunshine. Any hopes of prolonged and settled spell were dashed the following day however as weak fronts brought cloud and eventually drizzle and fog. This ushered in a dismal week in which a weather front became almost stationary over the Bailiwick with small disturbances and centres of low pressure running from south-west to north-east across the islands.

The 10th and the 11th brought much cloud and some rain at times but the front became more active the following day with some heavy thundery bursts of rain and only a few fair intervals. The 13th and 14th brought more rain – heavy at times – drizzle and fog with no sunshine recorded on either day. In total, the whole working week yielded well over an inch of rain and only 3.1 hours of sunshine. The following weekend finally saw some dry and sunny weather but with a chilly north-westerly or northerly breeze, the beaches remained mostly deserted.

By Monday 17th, a weak anticyclone covered the English Channel and a couple of dry and mostly fair days followed, although temperatures remained a little disappointing. The 19th, however, brought another set of active weather fronts into the British Isles with rain arriving in Guernsey shortly after dawn and largely persisting through the day, heavy at times and occasionally accompanied by fog. The fog hung on into the following day, not lifting until late morning with cloud persisting for the rest of the day. The next 2 days saw some sunshine and the temperatures reached 23°C but by Saturday 22nd a thundery depression was moving in from the south bringing showers that turned increasingly heavy and thundery as the evening wore on. With over an inch of rain falling in the thunderstorms, many events planned for a weekend evening at the height of summer were washed out.

An array of weather fronts then affected the islands for the remainder of the month with each day receiving a measurable amount of rain. Temperatures were generally below normal with relatively small amounts of sunshine. On the 23rd and the 24th, the rain was largely showery in nature with some bright or sunny spells at times. However on the 25th, the rain was generated by a warm front moving in from the west and this was accompanied by fog and heavy overcast conditions. The associated cold front struggled to cross the islands on the 26th with the arrival of sunshine delayed until afternoon. The same front brought more cloud and some rain on the 27th before again clearing on the 28th.

The 29th, however, saw the same front return and it would remain close by for the rest of the month as small disturbances ran north-east along it. Some mainly light rain spoiled the first day of the bank holiday weekend, but Sunday 30th saw some sunshine and temperatures rose above 20°C for the first time for a week. Given the proximity of the weather front, however, this warmth served only to trigger a number of thunderstorms which affected the islands overnight. The final day of the month was ushered in by thick fog and although this had cleared by afternoon, the gloom continued in a fitting end to a dismal month.

August 2015 was the dullest August since 1992 and the wettest August since 1956. Temperatures were only a little below normal, but with winds generally light and the humidity levels often high, the lasting impression was of the dampness of the air rather than the coolness. Days with thunder and fog were more numerous than normal as were sunless days.

Following an encouraging start to summer in June and the subsequent largely disappointing July, August 2015 put the seal on a summer that had promised much but ultimately failed to deliver any memorable prolonged settled spells. The month is unlikely to be remembered with much favour by the many groups such as air passengers, boat owners or holidaymakers who had hoped for better days.

September

The arrival of autumn sparked a major change in circulation patterns and in the weather. The cloudy, humid, thundery weather that dominated the last days of summer was swept away and replaced by a much brighter and fresher north-westerly regime as thundery low pressure moved away to the east. After a very wet August, dry weather began to dominate from the 1st onwards, with above average sunshine totals. Despite the sunshine, temperatures were on the cool side for early September, especially overnight under clear skies.

Between the 3rd and the 5th, low pressure persisted over southern Scandinavia with weak fronts moving south across the British Isles. A large anticyclone just to the west of Ireland, however, ensured that the fronts did not lead to any measurable rainfall over the islands although their associated cloud reduced our sunshine total somewhat. By the 6th, the anticyclone was ridging towards southern England with the centre drifting towards Scotland. This restored the sunshine but the breeze from the north-east remained a cool one with mean temperatures remaining a degree or so below normal for the time of year.

By the morning of the 8th, showery conditions over the southern North Sea began to spill south-westwards down the English Channel. The resident anticyclone managed to snuff out any measurable rainfall but the morning of the 8th was rather cool and cloudy until the showers died out and gave a sunny afternoon. As the fine weather returned, winds veered a little more to the east, temporarily bringing in some warmer air from the continent. This introduced the warmest weather of the month, with temperatures reaching a pleasant 19.7°C on the 9th and 20.1°C – the highest maximum in September – on the 10th.

The settled weather pattern was, however, changing as a shallow depression and its associated weather fronts edged in from the west. The 11th was a much cloudier day, with a few showers arriving in the evening – the first measurable rainfall of the month. After a sunnier day on the 12th, more light rain and showers moved in on the following day in advance of two fairly deep depressions, both of which would pass very close to the islands.

The first depression made its presence felt on the 14th, with strong winds and showers. The top gust of 44 knots made the day the windiest of what was otherwise a relatively settled and anticyclonic month. Although the 15th started much brighter and drier, fronts from the second depression reached the islands by evening giving persistent rain overnight. The rainfall total of 10.2mm was the first significant rainfall since the thunderstorms of August. Some rain and drizzle continued the following day with a brief thunderstorm in the late morning, but the 17th saw fair weather return with strongly rising barometric pressure and just a few showers in the evening.

A small area of low pressure swinging across East Anglia then gave as a few showers on the 18th before quieter and sunnier conditions returned once more. By the 20th, a depression approaching Iceland was pushing a long trailing cold front in towards the UK. A fine day on the 20th gave way to more unsettled conditions overnight as the front edged closer and gave a cloudy morning with some light rain and drizzle. The afternoon of the 21st was sunny but a few showers ran across the islands in the evening.

A small and apparently insignificant showery trough then gave Guernsey Airport the most noteworthy weather of the month. Arriving at around 3am, a narrow but violent band of rain gave the Airport 7mm of rain in as many minutes – possibly the highest intensity rainfall that the island will see this year. Some localised flooding was reported in places but serious flooding was averted by the short duration of the shower. A further cold front passing through on the 23rd, however, gave us no such excitement with only some relatively light rain through the evening.

That event proved to be the last of the month's unsettled weather as an anticyclone started to move in from the south west – eventually settling over the North Sea. This ensured high sunshine totals, with the last five days of the month all receiving more than 10 hours of sun per day. Late in the month, a thundery low over southern France attempted to move north and forced some fresh to strong easterly winds but was unable to bring any cloud north of the French mainland.

Overall this was a dry and notably sunny month which provided a belated consolation for all the rain and poor weather experienced during the latter part of the summer. Unusually, despite all the sunshine, temperatures for the month were below normal and although there were long settled spells, there was an absence of anything that could be described as a heat wave.

October

October is normally a month when the prevailing south-westerly winds begin to strengthen, rainfall totals pick up and the first of the autumnal gales arrives. As if to demonstrate how variable our climate can be, none of this happened in 2015, with average wind speeds and rainfall totals well below normal. The month began with anticyclonic conditions – a sign of the type of weather patterns to come – bringing fine weather and warm winds from the nearby continent. Temperatures topped 16°C on the 1st and then went on to reach 17.2° on the following day which turned out to be the warmest day of the month.

By the 3rd, the anticyclone was breaking up but the weather remained dry, albeit rather cloudier, hazier and cooler than before. By the 4th, however, a small depression was moving north-east towards Cornwall and its associated fronts made their presence felt by late afternoon as rain, occasionally heavy, moved east across the islands. Outbreaks of rain persisted into the following day with drizzle and hill fog making occasional appearances too and the whole day proved to be sunless and rather gloomy. A further small depression then moved over the Bailiwick leaving us with our only windy day of the month on the 6th as frequent and occasionally heavy showers ran across the island from the west.

By the 8th, a large anticyclone was pushing in from the south-west and this feature was to dominate our weather for most of the month. The remaining showers died out during the course of the day which turned fine by evening. The fine weather was then to last all the way through to the 13th and although the weather varied subtly from day to day, no rain fell on the islands during this period. Initially, the anticyclone was centred over eastern England, giving us easterly winds, but even when it moved into Scandinavia, it retained a strong ridge over the United Kingdom, keeping the easterlies going.

On the 11th, the anticyclone transferred west to lie close to Ireland and this allowed the winds to back slowly towards the north-north-east and bring cooler air across the Bailiwick with a mixture of sunny periods and cloudier spells. Clear skies at night also encouraged some low minimum temperatures during this period. With the anticyclone successfully preventing any weather fronts from moving in from the Atlantic, it was left to some weak showery troughs moving south-west across the North Sea to pose any threat of rain in the islands. These crossed the Bailiwick at intervals between the 13th and the 18th but the influence of the anticyclone stopped them from producing more than a few scattered light showers which produced less than a millimetre of rain in total. These weak troughs did, however, have greater success at reducing sunshine totals and led to days that were mostly cloudy and rather chilly.

The anticyclone finally began to retreat on the 19th which enabled the showers to become a little heavier and by the 21st, the westerlies had at last returned. The 21st was a typical overcast autumn day with no sunshine and occasional rain and drizzle. A cold front moved across the islands on the following day – leading to a drier afternoon as it departed. The front then returned as a warm front on the 23rd, but by then, the anticyclone was inching back towards us from the south suppressing the rainfall and ensuring a largely dry, though cloudy day. The same theme continued on the 24th even though a cold front pushed through during the course of the day – an event that often brings clearance of the cloud cover.

After a fine day and a chilly night on the 25th, Atlantic depressions to the west and south-west of Ireland began to make their presence felt. Initially, this came in the form of a mild south to south-westerly breeze and temperatures and sunshine totals began to pick up on the 25th and 26th. A frontal system was, however, slowly pushing in from the south-west by dawn on the 27th bringing occasional rain and drizzle that did not clear until dusk. The 28th was a pleasant sunny day but more weather fronts were already coming in from the west and these duly arrived around dawn on the following day, ensuring that the 29th would be a sunless day with occasional light rain and drizzle that did not die out until mid-afternoon.

Having struggled through the islands on the previous day, the 30th saw an anticyclone over the continent strengthen and push the fronts back westwards across the islands but not before a pulse of moderate rain had pushed northwards across the Bailiwick during the first half of the day. The month then ended with a very large area of high pressure over the continent extending a ridge towards the English Channel and pulling in a warm south-easterly airflow over the islands. The 31st saw almost cloud-free skies and temperatures reaching a warm 16.9°C as the anticyclonic conditions that had dominated the month returned.

Overall, October was a very dry month with 45.5 mm of rain in comparison to previous 3 Octobers – each of which saw well over 100mm of rain. Apart from this, the month varied only very slightly from average with sunshine and temperatures being slightly below normal. It was not a month that produced any notable weather, so it will be a far less memorable October in comparison to the ones experienced in recent years.

November

After the quiet and uneventful conditions of September and October, the last month of autumn managed to get the weather back into the news headlines.

Unusually for November, the month started fine, warm and sunny. So warm, in fact, that the maximum temperature of 18.0°C was the highest recorded on the island in November since records began. A large area of high pressure covering most of Europe was bringing warm air northwards from the Mediterranean and North Africa. An area of low pressure, was, at this point in the month, too far west of Biscay to bring any cloud across the islands giving us a total of 18 hours of sunshine during the first two days of the month – close to the theoretical maximum amount for early November.

With the synoptic situation changing only slowly, the temperature on the 2nd looked likely to be challenging the one day old November record, but a moderate south-easterly breeze sprang up to ensure that the day would be a little cooler. Following two fine days that would have been an improvement on many days in summer, it was inevitable that fronts and the first of the November depressions would begin pushing in and the 3rd was consequently a mainly cloudy day with some light rain and drizzle.

By the 4th, complex low pressure was developing to the west and south-west of the islands and an overcast day slowly turned into a wet one. The overcast and wet theme continued the following day with fog at times in the afternoon and a total of 9.8mm of rain. Bonfire night was a soggy one with occasional drizzle and cloud that was low enough to obscure the rocket explosions in the upper parishes. By the 6th, a south to south-westerly airflow that originated from the tropics was again covering the islands bringing very warm air with it. Temperatures on the 6th could have once again challenged the record maximum temperature established on the 1st had it not been for the fact that the airflow had spent much time over the sea moving northwards from the Canaries. The resulting high humidity instead led to an overcast day with drizzle and fog at times giving the sun no chance to increase the temperature sufficiently. On the night of the 6th / 7th, however, the record book was to be amended again as a minimum temperature of 15.0°C gave us the warmest November night on record.

Small areas of low pressure with weak fronts then moved north-east to the west of the island on the next two days with cloudy weather, light rain and drizzle dominating. By the 9th, however, a weak cold front introduced sunshine and slightly cooler temperatures. The mild south-westerlies were then quick to re-establish themselves leading to another run of mainly cloudy days. Weather fronts stayed mainly to the west and north of the islands during this period leading to little more than occasional very light rain and drizzle.

By the evening of the 12th, the fronts had pushed closer to the islands and a cold front cleared the Bailiwick overnight which led to a pleasant 5 hours of sunshine the following day before the mild south-westerlies raced back. The next 4 days saw only 12 minutes of sunshine in total as overcast, mild and occasionally wet and foggy weather dominated. The weather pattern was, however, gearing up for a temporary change that would bring colder weather across the islands. The 17th saw a small, intense depression move quickly east across northern England pushing weather fronts down over the Channel. As cold air poured in across Scotland, the weather fronts over the islands became very active on the 19th when very mild air persisted over France and the thermal gradient over Southern England and the Channel increased. A total of 19mm of rain was recorded – by far the wettest day of the month.

The persistent, occasionally heavy, rain lingered well into the 20th giving another 7.9mm of rain but colder, drier air was now arriving and the 21st was a windy day with hail showers – remarkably the only day of the month where the temperature did not reach double figures. A weak ridge of high pressure then moved in from the west giving a couple of pleasant days but chilly nights. Temperatures on the 22nd and 23rd fell to 4.8°C and the month's only ground frost was recorded on the 23rd.

Milder air with weak frontal systems began to push in from the north-west on the 24th eventually leading to a re-establishment of the south-westerlies with some very mild air incoming towards the end of the month. The nearby anticyclone generally restricted rainfall totals to small amounts, while the heavy cloud cover broke for only short periods of time, leading to a rather dull end to the month. A couple of fairly vigorous depressions running east across northern Britain on the 28th and 29th led to gales over the islands as the pressure gradient tightened over the Channel at times, but by the 30th, the wind, though still strong was not as notable a feature.

Overall, November 2015 was the warmest or mildest November on record, beating the previous record by 0.2°C. It was a month that was remarkable for the persistence of southerly and then south-westerly winds and was also rather anticyclonic in nature. It was a notably dull month and one with very few dry days and yet generally small daily rainfall totals.

The record breaking November temperatures ensured that autumn was a little warmer than usual, despite a cooler than normal September and October. The autumn was also a little sunnier than usual although November deprived us of a notably sunny season. Autumn was also considerably drier than normal though not close to a record.

December

The variability and unpredictability of Guernsey's weather usually ensures that weather patterns change somewhat during the month and almost certainly over the course of two months. December 2015, however, proved to be the exception to the rule. Having experienced record warmth in November with almost continual south to south-westerly winds, December continued the same theme of south to south-westerly winds bringing air originating from the sub-tropics across the islands. The result, once again, was a new monthly temperature record.

The start of December saw one of the strongest El Niño phenomena on record and – as usual – the reversal of the normal sea surface temperature pattern in the Central Pacific changed the weather patterns around much of the world. In this scenario, weather records around the planet tend to fall more readily than normal although which records will fall and where can be problematic to forecast.

December 1st started unsurprisingly with a mild south-westerly airflow and cloudy conditions. The day produced a little drizzle and a few minutes of sunshine. It was the type of day which was to be repeated frequently through the month and indeed the same air stream persisted for the next 2 days bringing almost identical weather. By the early hours of the 4th a weak cold front cleared through the islands giving a little rain and the clearance then gave us a pleasant sunny day before a warm front renewed the gloomy, mild south-westerlies for another two days.

The weather pattern was now very much stuck in a rut with high pressure completely dominant over central Europe and giving the Alps an almost snow-free start to winter. Frontal systems became confined to the western and northern fringes of Europe where they often became slow moving – leading to high rainfall totals in areas where they persisted. Fronts intruded briefly over the islands on the 6th, giving Guernsey Airport its first real rainfall of the month but by the 8th, atmospheric pressure had risen strongly over the English Channel and the fronts had been pushed back north to northern England where the Lake District suffered serious flooding.

The mild south to south-westerlies continued unabated but by the 11th, weather fronts had edged down into the English Channel giving us a wet day with 8.1mm of rain and some patchy fog over the higher parishes. A clearance never came, however, as the front pushed away north into England again leaving us with very mild southerlies and some sunny intervals.

By mid-month, the high pressure over central Europe was still holding firm but the Atlantic was becoming stormier with vigorous depressions pushing towards the UK. The benign, mild and mainly dry southerly air stream held firm over the islands as Guernsey headed towards a December rainfall total that was only two-thirds of the normal amount. It was therefore a shock for islanders to see video footage of some of the most devastating flooding that the UK has seen unfolding only an hour's flying time further north. Weather fronts brought stronger winds and rainfall over the islands on the 15th and the 21st, with a brief period of violent rain on the 21st. Nevertheless, the strong winds did not reach gale force and the wettest day of the month – on the 21st – saw 14.8mm – a small fraction of the daily rainfall totals falling in parts of the UK.

One interesting feature of the 21st was the brief period of violent rain (more than 1mm of rain per minute) which occurred during the early hours of the morning. The temperature for most of that night was around 10°C as the air stream was mild in nature. The intense nature of the rainfall, however, briefly dragged some colder air aloft down to the surface giving Guernsey airport its lowest temperature of the month at 6.6°C.

With all thoughts of a white Christmas long gone, the mild and mostly dry south-westerlies continued their run although fronts came close enough on Christmas Eve to yield a few millimetres of rain. Christmas Day was exceptionally mild with temperatures reaching 14.1°C and Boxing Day was not far behind but also threw in a couple of hours of sunshine.

As the month drew to a close, the anticyclone over Central Europe finally began to edge slowly north and east. Although it continued to maintain mild south to south-westerly winds over the islands, depressions and more active weather fronts now became able to push closer towards the islands and – as a result – the weather became more unsettled. The 30th saw a wet and windy day with winds gusting to 50 knots by the following night – the highest wind speeds of the month. Nevertheless, the Bailiwick still avoided recording its first winter gale. As a cold front pushed through, the air a few thousand feet above the islands dropped in temperature and strong convection brought the month's only hail showers. The cold air did not really reach the surface however and although the mean temperature for the 31st was the lowest of the month – at 9.5°C it was still well above the seasonal average.

Although December 2015 was not notable for any extreme or unusual weather, it was extraordinary in terms of high temperatures and the persistence of an air stream with sub-tropical origins. The monthly mean temperature of 11.6°C broke the previous record for a warm December (set in 1953) by 1.5°C and – on statistical analysis – the new record is so extreme that it is unlikely to be broken again this century.

ANNUAL WEATHER SUMMARY 2015

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
		DIFFERENCE FROM AVERAGE		PERCENTAGE OF AVERAGE		PERCENTAGE OF AVERAGE
JAN	7.5	+0.6	113.0	122.2	59.1	96.7
FEB	5.9	-0.6	91.3	130.0	100.5	117.4
MAR	7.8	0.0	33.2	49.5	133.1	104.3
APR	10.4	+1.2	25.0	47.1	235.6	121.0
MAY	11.7	-0.3	38.0	74.7	213.4	91.0
JUN	14.4	-0.1	34.8	102.4	287.1	116.4
JUL	16.7	+0.1	46.6	110.7	227.6	98.9
AUG	16.4	-0.5	112.7	236.3	169.1	73.5
SEP	14.7	-0.7	38.2	66.4	239.0	132.7
OCT	12.9	-0.1	45.5	47.9	114.7	98.0
NOV	12.2 *	+2.3	69.8	66.9	56.0	72.0
DEC	11.6 *	+3.9	81.3	72.0	54.7	94.0
YEAR	11.9	+0.5	729.4	87.0	1889.9	101.4

* NEW RECORD

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	DATE		2015	AVERAGE 1981-2010	AVERAGE 1981-2010	
JAN	59.1	61.0	112.8	1998	26.0	1966	7.0	24th	22.0	22.7	8	10.1
FEB	100.5	85.6	143.9	2008	36.1	1976	9.5	18th	34.1	29.1	4	6.3
MAR	133.1	127.6	214.8	2009	67.4	1964	10.8	25th	36.2	34.7	5	5.5
APR	235.6	194.7	280.4	1984	122.2	1981	12.9	14th	57.7	47.7	3	2.5
MAY	213.4	234.5	336.4	1989	136.9	1981	14.3	27th	45.1	49.6	2	1.8
JUN	287.1	246.6	355.3	1975	147.8	1977	15.0	7th	59.7	51.2	1	1.9
JUL	227.6	250.7	335.9	1959	167.7	1972	14.6	6th	47.0	51.7	0	1.4
AUG	169.1	230.1	323.0	1955	139.2	1992	13.9	2nd	38.2	52.0	4	1.2
SEP	239.0	180.1	266.5	1959	104.5	1956	12.7	1st	63.4	47.8	0	2.3
OCT	114.7	117.1	176.4	1971	72.6	1968	10.3	1st	34.6	35.3	5	4.6
NOV	56.0	77.8	123.6	2006	38.9	1981	9.1	2nd	20.7	28.7	8	6.9
DEC	54.7	58.2	108.9	2001	26.6	1966	6.2	9th/12th	21.4	22.8	9	11.0
YEAR	1889.9	1864.0	2262.8	1959	1532.5	1981	15.0	07-Jun	42.4	41.8	49	56.8

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE					
	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.	RECORD HIGHEST	DATE & TIME G.M.T.
JAN	1017.5	1017.9	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220	1045.9	30/1989 0945
FEB	1018.3	1018.0	1032.1	1959	1000.6	2014	1047.5	7/1964 1050	952.5	25/1989 1050	1047.5	7/1964 1050
MAR	1023.0	1017.0	1029.9	1953	1003.0	1947	1047.7	3/1990 0930	969.6	13/1951 1630	1047.7	3/1990 0930
APR	1022.4	1015.1	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620	1040.2	10/1947 0800
MAY	1017.4	1016.0	1025.3	1991	1007.6	1983	1039.8	Dec-12 1045	981.3	5/2004 2350	1039.8	Dec-12 1045
JUN	1021.9	1018.0	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500	1037.5	14/1959 0850
JUL	1016.7	1017.7	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845	1034.5	12/1969 1150
AUG	1014.9	1017.3	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000	1036.1	12/1949 0930
SEP	1017.6	1017.2	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630	1037.3	22/1947 0700
OCT	1017.6	1014.8	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200	1040.0	26/1969 2200
NOV	1019.2	1015.3	1026.2	1978	1001.5	2000	1041.9	2/2001 0850	963.2	9/2011 0300	1041.9	2/2001 0850
DEC	1021.1	1016.4	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450	1046.0	25/1991 0950
YEAR	1019.0	1016.7	1019.8	1949	1013.4	1960	1047.7	03/03/1990 0930	952.5	25/02/1989 1050	1047.7	03/03/1990 0930

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	DATE		2015	AVERAGE 1981-2010	2015	AVERAGE 1981-2010
JAN	113.0	92.5	210.0	2001	15.4	1992	23.9	12th	25	19.3	17	14.6
FEB	91.3	70.2	182.8	1978	4.8	1965	18.9	19th	18	15.7	13	11.3
MAR	33.2	67.0	179.6	2001	2.7	1961	5.8	25th	14	15.9	8	11.5
APR	25.0	53.1	130.4	1966	2.9	1980	7.7	2nd	10	13.2	6	9.7
MAY	38.0	50.9	128.7	1994	4.1	1989	15.2	4th	12	11.9	10	8.5
JUN	34.8	45.5	129.7	1986	0.6	1976	13.7	12th	9	10.4	4	7.1
JUL	46.6	42.1	120.2	1960	3.9	1999	10.7	26th	14	11.0	8	7.5
AUG	112.7	47.7	122.0	1951	3.8	1955	27.7	22nd	20	10.6	17	7.6
SEP	38.2	57.5	194.5	1952	6.9	1997	13.6	21st	10	12.4	6	9.0
OCT	45.5	95.0	233.9	1960	3.4	1978	12.8	4th	15	17.3	11	13.3
NOV	69.8	104.3	234.5	2009	16.1	1978	19.0	19th	22	18.8	13	15.0
DEC	81.3	112.9	249.6	1999	28.1	1953	14.8	21st	17	18.6	11	15.5
YEAR	729.4	838.7	1317.0	1960	531.3	1989	27.7	22-Aug	186	175.0	124	130.5

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	AVERAGE 1981-2010		DATE		RECORD HIGHEST	DATE	AVERAGE 1981-2010		DATE		RECORD LOWEST	DATE
JAN	9.6	8.7	12.6	9th	13.3	4/48,9/07	5.4	5.0	1.0	20th	-7.8	20/1963
FEB	7.9	8.4	10.7	25th	15.0	29/1948	3.8	4.6	0.3	18th	-7.2	21/48,7/91
MAR	9.8	10.0	13.5	7th	19.4	29/1965	5.8	5.6	2.1	23rd	-2.2	10,11/1958
APR	13.3	11.8	22.5	15th	24.3	16/2003	7.5	6.6	3.0	5th	-1.4	11/1986
MAY	14.4	14.9	18.3	23rd	25.9	30/2003	9.2	9.2	7.0	13th	0.1	2/1979
JUN	17.7	17.5	29.4	30th	30.8	26/1976	11.1	11.5	7.6	4th	5.4	1/1975
JUL	19.7	19.5	26.1	1st	31.7	1/1952	13.7	13.6	11.4	10th	8.3	8/1954
AUG	19.1	19.8	24.8	2nd	34.3	9/2003	13.7	14.1	10.9	2nd	9.2	28/1986
SEP	17.2	18.0	20.1	10th	30.6	2/1961	12.2	12.9	10.5	26th	5.8	28/1974
OCT	14.9	15.1	17.2	2nd	23.6	1/2011	10.9	10.8	7.6	19th	3.5	28/2003
NOV	13.8	11.8	18.0	1st	16.8	1/99,8/05	10.7	8.1	4.8	22/23	-0.8	28/2010
DEC	13.0	9.5	14.4	19th	15.6	6/1953	10.1	6.0	6.6	21st	-3.8	24/1963
YEAR	14.2	13.8	29.4	30-Jun	34.3	09/08/03	9.5	9.0	0.3	18-Feb	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	7.5	6.9	9.0	2007	1.5	1963	4.2	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	5.9	6.5	9.0	1990	1.5	1986	4.1	3.8	4.7	2008	3.0	1986
MAR	7.8	7.8	10.3	1957	4.4	1962	4.0	4.4	6.4	1953	3.7	1964,81,88
APR	10.4	9.2	12.0	2011	6.4	1986	5.8	5.0	7.1	2011	3.7	1994
MAY	11.7	12.1	13.9	1989	9.9	1984	5.2	5.7	7.3	1989	4.6	1981
JUN	14.4	14.5	16.7	1976	11.3	1972	6.6	5.8	8.3	1976	4.1	1977
JUL	16.7	16.6	19.4	1983	13.8	1954	6.0	6.0	7.9	1983	4.4	1954
AUG	16.4	17.0	19.3	2003	14.3	1956	5.4	5.8	7.3	1955	4.3	1958
SEP	14.7	15.5	17.5	1949	12.8	1986	5.0	5.0	6.1	1961	3.6	1967
OCT	12.9	13.0	15.2	2001	9.6	1974	4.0	4.1	5.1	1947	3.5	1968
NOV	12.2	10.0	12.0	1994	7.7	1993	3.1	3.7	4.9	1969	2.8	1994
DEC	11.6	7.8	10.1	1953	4.4	2010	2.9	3.6	4.5	1968	2.8	1987
YEAR	11.9	11.4	12.4	2014	9.6	1963	4.7	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			
	DATE		RECORD LOWEST	DATE	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	AVERAGE 1981-2010		RECORD HIGHEST	YEAR
JAN	-4.1	20th	-10.0	29/1947	0	1.6	16	1963	5	7.1	20	1985
FEB	-3.9	18th	-11.1	12/1978	0	1.9	18	1986	11	8.5	24	1956
MAR	-3.4	5th	-9.4	3/1965	0	0.3	4	1947	7	6.8	18	1955
APR	-0.9	6th	-7.0	5/1990	0	0.0	1	1978,86	2	4.7	10	1984
MAY	3.3	13th	-5.6	5/1979	0	0.0	--		0	1.5	9	1979
JUN	4.5	4th	-3.0	14/1987	0	0.0	--		0	0.3	3	1987,89
JUL	5.8	31st	1.0	7/1996	0	0.0	--		0	0.0	--	
AUG	6.1	1st	0.8	11/1981	0	0.0	--		0	0.0	--	
SEP	4.9	7th	-1.0	23/1979	0	0.0	--		0	0.1	1	1979,86,87
OCT	0.2	25th	-4.0	30/1983	0	0.0	--		0	1.0	6	1992
NOV	-1.2	23rd	-5.6	29/1987	0	0.1	2	2010	1	3.3	9	1988
DEC	3.0	21st	-8.9	29/1964,27/1995	0	0.5	5	1970	0	6.2	13	2010
YEAR	-4.1	20-Jan	-11.1	12/02/1978	0	4.5	31	1963	26	39.4	62	1985

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG						THUNDER			
	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	AVERAGE 1981-2010		RECORD HIGHEST	YEAR
JAN	7	6.5	13	1955,82	2	1963,67,72,74,92	1	0.6	4	1979,98
FEB	6	6.6	15	1979	0	1969	0	0.6	3	1957,89
MAR	8	8.5	16	1960,94	0	1968,73	0	0.5	4	1958,67,82,87,95
APR	5	6.7	16	1963	2	1976,90	0	0.8	4	1981,95
MAY	12	7.7	19	1964	2	1988	0	1.1	4	1950,71
JUN	10	9.3	18	1965	1	1975	2	1.4	6	1982
JUL	11	10.0	20	1972,78	3	2008	1	1.4	5	1982,94
AUG	12	9.2	21	1997	2	1976	6	1.2	6	2015
SEP	0	5.4	15	1987	0	1952,53,72	1	0.8	10	1976
OCT	1	4.1	17	1986	0	—	0	1.3	5	1964
NOV	6	3.3	14	1992	0	—	0	0.9	4	1969
DEC	5	4.5	11	1995	0	1947,64,75	0	1.0	4	1976,93
YEAR	83	81.7	115	1994	52	2008	11	11.6	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	AVERAGE 1981-2010		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	1	2.8	12	1963,85	13	5.1	13	1984,85	0	1955,64,70,92,93
FEB	5	4.0	18	1956	7	4.8	18	2014	0	—
MAR	0	1.3	10	1962,70	4	3.9	10	2008	0	—
APR	0	0.6	4	1970	1	2.6	10	1994	0	—
MAY	0	0.0	3	1979	1	0.6	3	1955,82	0	—
JUN	0	0.0	—		0	0.1	1	1986,87	0	—
JUL	0	0.0	—		0	0.1	1	1971,87,94 2014	0	—
AUG	0	0.0	—		0	0.1	1	—	0	—
SEP	0	0.0	—		0	0.3	2	1973,74,84	0	—
OCT	0	0.0	—		0	1.6	7	1992	0	—
NOV	0	0.5	6	2010	1	3.8	11	2000	0	1948,55,83,94,95
DEC	0	1.7	10	2010	2	4.7	13	2009	0	1964,68,75
YEAR	6	11.0	33	2010	29	27.7	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR		RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	25	31	1948	4	1992	17	28	1948	3	1992
FEB	18	26	1970,95	2	1959	13	23	1951	1	1965
MAR	14	27	1979	3	1961	8	21	1947	1	1961
APR	10	21	1983	2	2011	6	18	1966	1	1976,'80,'11
MAY	12	26	1981	2	1989	10	19	1981	1	1989
JUN	9	21	1991	3	1975,76	4	14	1987,91	0	1976
JUL	14	20	1960,07	3	1999	8	15	1950,07	1	1999
AUG	20	21	1963	1	1976	17	18	1992	1	1955,76
SEP	10	23	1950,52	4	1959,97	6	21	1950	2	1959,97
OCT	15	28	1981	5	1965,78	11	24	1981	1	1978
NOV	22	28	2009	8	1978	13	26	2009	5	1988
DEC	17	28	1993	8	1991	11	26	1959	5	1991
YEAR	186	212	1960	138	1971	124	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	AVERAGE 1981-2010		AVERAGE 1981-2010		RECORD HIGHEST	YEAR	DATE		RECORD HIGHEST	DATE
JAN	14.7	14.2	2	2.1	11	1984	64	30th	77	25/1990
FEB	12.3	13.1	0	1.1	10	1990	44	13th/23rd	69	9/1988,11/1990
MAR	11.7	12.3	1	0.6	6	1980	48	31st	70	10/1982
APR	9.9	11.4	0	0.2	2	1964,72,83,94	36	22nd	60	9/1994
MAY	11.2	10.9	0	0.2	2	2007	41	6th	58	19/1996
JUN	9.9	10.1	0	0.0	0	—	38	2nd/10th	51	16/1965
JUL	10.7	10.2	0	0.0	1	1956,69	37	26th	63	31/1983
AUG	8.6	9.7	0	0.0	1	1956,61,86	38	24th	52	26/1986
SEP	10.4	10.8	0	0.1	2	1953,65,74,83	44	14th	60	29/1962
OCT	9.9	12.4	0	0.9	4	1967,76	40	6th/7th	81	16/1987
NOV	15.6	13.0	2	0.8	8	1977	49	29th	73	23/1984
DEC	15.9	13.7	0	1.8	9	1979	50	30th	83	15/1979
YEAR	11.7	11.8	5	7.8	20	1972	64	30-Jan	83	15/12/1979

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

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	-	-	-	-	-	-	-	-	-	-	-	-	6.6
	4-10	knots	2.4	0.9	0.7	2.0	0.9	1.3	2.8	2.4	1.3	1.3	3.9	4.6	24.7
	11-21	knots	1.7	0	0	0	0.1	1.7	6.0	11.0	6.2	8.2	7.1	6.2	48.4
	22-33	knots	0	0	0	0	0	0	0.7	5.0	10.5	2.2	1.7	0.3	20.3
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		4.2	0.9	0.7	2.0	1.1	3.1	9.5	18.4	18.0	11.7	12.8	11.0	
FEB	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	4.9
	4-10	knots	3.9	6.4	2.2	3.4	2.2	1.2	2.2	1.9	0.9	1.0	1.8	4.5	31.7
	11-21	knots	3.7	10.7	1.3	1.8	1.0	0.7	4.3	10.0	3.9	6.3	4.0	9.2	57.0
	22-33	knots	0	0.7	0.3	0	0	0.3	0.3	0.3	1.6	1.8	0.3	0.7	6.4
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		7.6	17.9	3.9	5.2	3.3	2.2	6.8	12.2	6.4	9.1	6.1	14.4	
MAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10	knots	2.3	10.3	4.7	2.0	4.3	3.0	3.1	3.1	1.1	2.0	3.5	5.9	45.3
	11-21	knots	0.5	8.3	2.7	0.5	0.7	1.6	3.1	2.7	7.3	7.4	5.2	3.4	43.4
	22-33	knots	0	0	0	0	0	0	0	0	5.0	2.3	0.1	0	7.4
	≥34	knots	0	0	0	0	0	0	0	0	0.1	0	0	0	0.1
	DIRECTION ONLY		2.8	18.7	7.4	2.6	5.0	4.6	6.2	5.8	13.4	11.7	8.9	9.3	
APR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.4
	4-10	knots	1.3	6.1	13.2	8.3	3.5	5.3	3.1	2.5	4.6	2.2	1.5	2.5	54.0
	11-21	knots	2.5	2.4	15.7	0.7	0.1	0.1	0.1	3.2	3.9	7.2	3.5	0.4	39.9
	22-33	knots	0	0	0.6	0	0	0	0	0	0	0.1	0	0	0.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		3.8	8.5	29.4	9.0	3.6	5.4	3.2	5.7	8.5	9.6	5.0	2.9	
MAY	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.2
	4-10	knots	2.4	0.9	3.0	2.0	3.0	2.7	2.8	2.8	5.6	10.5	6.7	6.2	48.7
	11-21	knots	0	0	1.3	1.9	2.0	1.9	1.7	5.9	12.4	15.6	3.2	0.1	46.1
	22-33	knots	0	0	0	0	0	0	0	0.5	2.2	0.4	0	0	3.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		2.4	0.9	4.3	3.9	5.0	4.6	4.6	9.3	20.2	26.5	9.9	6.3	
JUN	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.9
	4-10	knots	3.9	4.2	4.4	3.2	1.3	3.1	1.3	1.8	2.6	9.6	7.6	7.6	50.6
	11-21	knots	0	4.4	6.1	1.9	0.7	0.6	0.3	3.8	7.8	14.2	1.7	0	41.4
	22-33	knots	0	0	0	0	0	0	0	1.0	0.1	0	0	0	1.1
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		3.9	8.6	10.6	5.1	1.9	3.6	1.5	6.5	10.6	23.8	9.3	7.6	
JUL	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.6
	4-10	knots	1.6	1.1	1.9	2.7	5.4	3.1	2.6	5.4	4.3	5.2	6.3	3.2	42.7
	11-21	knots	0	0	1.3	0.5	1.1	1.5	0.5	4.0	23.3	14.5	1.7	1.5	50.0
	22-33	knots	0	0	0	0	0	0	0	0	0.3	0.4	0	0	0.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.6	1.1	3.2	3.2	6.5	4.6	3.1	9.4	27.8	20.2	8.1	4.7	
AUG	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	9.0
	4-10	knots	4.8	9.9	3.4	2.7	3.4	4.0	4.4	8.6	5.5	5.1	4.8	6.2	62.9
	11-21	knots	0	1.2	1.3	0.3	0.5	1.2	2.7	6.5	7.7	2.7	2.7	0.8	27.6
	22-33	knots	0	0	0	0	0	0	0	0	0.3	0.1	0.1	0	0.5
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		4.8	11.2	4.7	3.0	3.9	5.2	7.1	15.1	13.4	7.9	7.7	7.0	
SEP	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	6.1
	4-10	knots	1.4	2.2	6.3	6.5	2.8	3.5	1.0	1.3	1.1	2.6	9.3	12.1	50.0
	11-21	knots	0	0	11.5	6.4	0.1	1.1	0.8	2.4	9.0	5.8	2.6	0.7	40.6
	22-33	knots	0	0	0	0	0	0	0	0	3.2	0	0	0.1	3.3
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.4	2.2	17.8	12.9	2.9	4.6	1.8	3.6	13.3	8.5	11.9	12.9	
OCT	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	7.7
	4-10	knots	8.6	14.6	5.9	3.1	4.6	4.7	3.9	0.3	1.1	1.5	1.8	1.6	51.6
	11-21	knots	0.9	2.3	5.1	2.6	6.2	9.4	4.3	0.8	0.8	3.9	2.2	0.7	39.2
	22-33	knots	0	0	0	0	0	0	0	0	0.7	0.8	0	0	1.5
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		9.6	16.8	11.1	5.7	10.8	14.2	8.2	1.1	2.6	6.2	3.9	2.3	
NOV	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	2.5
	4-10	knots	1.4	1.0	0	2.2	4.3	3.2	2.1	4.0	1.5	0.4	0.4	2.1	22.6
	11-21	knots	0.1	0.1	0	0.3	0.7	3.5	4.9	14.4	14.9	3.6	6.7	5.0	54.2
	22-33	knots	0	0	0	0	0	0	0	1.4	16.4	1.4	0.6	1.0	20.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		1.5	1.1	0	2.5	5.0	6.7	6.9	19.9	32.8	5.4	7.6	8.1	
DEC	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	0.7
	4-10	knots	0	0	0	0	0	1.5	1.9	2.2	0.7	0.7	0	0.3	7.1
	11-21	knots	0	0.3	0	0	0.1	15.3	17.1	37.0	9.7	2.3	0.8	0	82.5
	22-33	knots	0	0	0	0	0	1.2	2.4	2.4	3.6	0	0	0	9.7
	≥34	knots	0	0	0	0	0	0	0	0	0	0	0	0	0
	DIRECTION ONLY		0	0.3	0	0	0.1	18.0	21.4	41.5	14.0	3.0	0.8	0.3	
YEAR	0-3	knots	-	-	-	-	-	-	-	-	-	-	-	-	5.2
	4-10	knots	2.8	4.8	3.8	3.2	3.0	3.0	2.6	3.0	2.5	3.5	4.0	4.7	41.0
	11-21	knots	0.8	2.4	3.8	1.4	1.1	3.3	3.8	8.5	8.9	7.7	3.4	2.3	47.5
	22-33	knots						0.1	0.3	0.9	3.7	0.8	0.2	0.2	6.3
	≥34	knots													
	DIRECTION ONLY		4.3	8.1	8.1	4.9	4.4	6.8	6.9	12.7	15.4	12.4	8.2	7.8	

GUERNSEY AIRPORT MET OFFICE 2015

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

0520-2120 Local Time

DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1							1.5						
2					6.5	4.5	0.5						
3	0.5			4.5	5.0			0.5					
4													
5										0.5	0.5		
6											3.5		
7													
8			2.0										
9	2.5		1.5										
10								0.5					
11					4.0								
12	0.5				0.5	2.5	1.5						
13				6.5			4.5						
14							5.5	5.0					
15							7.0					0.5	
16					2.5		1.5				2.5	1.0	
17						2.5							
18						4.0							
19							0.5	4.5			1.5		
20		1.0				2.0	7.0	4.5					
21												2.0	
22		2.5			10.0			0.5				0.5	
23													
24					2.5		1.5						
25		2.5						0.5					
26		6.0	1.0	2.0		0.5	0.5						
27			4.5								0.5		
28	2.0	5.5	4.5			0.5							
29						1.5							
30			3.5										
31					4.0			3.5					
Tot Hrs	5.5	17.5	17.0	13.0	35.0	18.0	31.5	19.5	0.0	0.5	8.5	4.0	170.0
Tot Days	4	5	6	3	8	8	11	8	0	1	5	4	63

Averages for Period 1991-2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	18.3	20.8	28.9	20.0	22.5	21.1	27.6	21.1	10.2	6.3	7.5	9.4	213.5
Days	4.5	5.0	7.6	6.2	6.8	7.1	8.4	7.5	3.4	2.8	2.7	3.4	65.1

GUERNSEY AIRPORT MET OFFICE 2015

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

0520-2120 Local Time

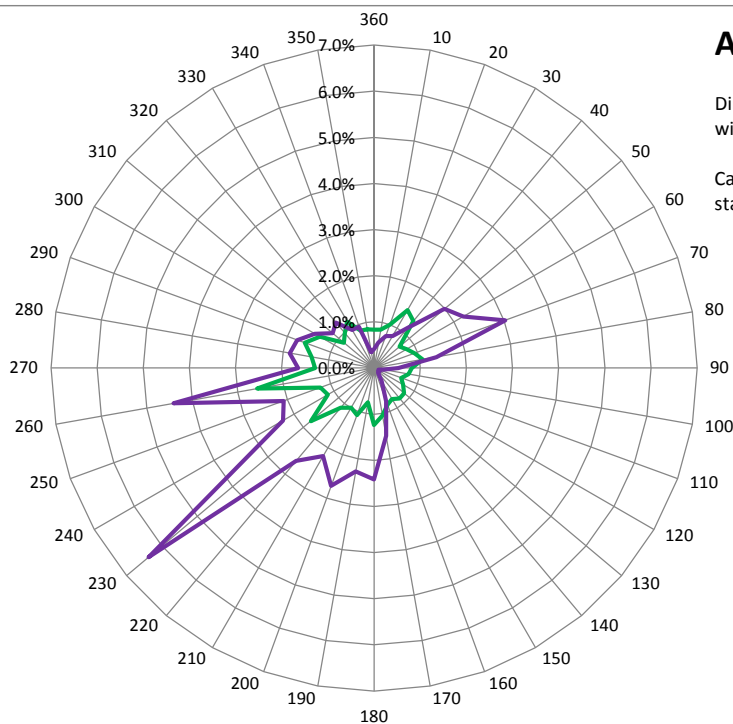
DATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1													
2					3.0	1.5	0.5						
3				3.5	4.5			0.5					
4													
5													
6											1.5		
7													
8			0.5										
9													
10													
11					3.5								
12						1.0	1.0						
13				4.5									
14							3.5	2.0					
15							7.0						
16					2.0		0.5					1.0	
17						2.0							
18						3.5							
19							0.5	2.5					
20						1.5	6.5	4.0					
21												1.5	
22		0.5			7.5							0.5	
23													
24					1.5		1.5						
25													
26		5.5	0.5										
27			4.0										
28	0.5	3.5	4.0										
29						1.0							
30			3.0										
31					2.0			2.5					
Tot Hrs	0.5	9.5	12.0	8.0	24.0	10.5	21.0	11.5	0.0	0.0	1.5	3.0	101.5
Tot Days	1	3	5	2	7	6	8	5	0	0	1	3	41

Averages for Period 1991-2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	9.2	8.8	12.6	9.9	11.4	9.5	12.3	9.2	3.6	1.6	2.7	3.5	94.2
Days	2.7	2.4	4.3	3.7	4.1	4.1	5.1	4.7	1.5	1.1	1.3	1.6	36.3

Alderney Wind: 2015

Directional distribution of light winds and stronger winds.
Calm conditions prevailed for a statistically insignificant period

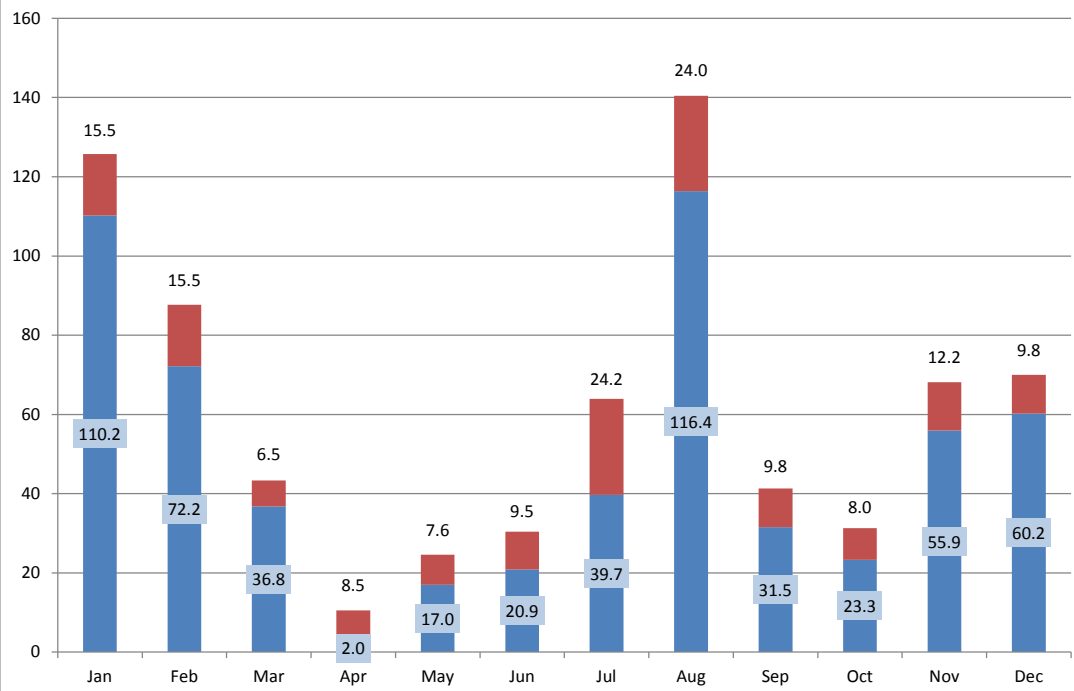


Alderney Monthly Rainfall 2015

Graph axis and totals are in millimetres

■ Highest Daily Rainfall
■ Monthly Rainfall (not inc wettest day)

All data are from Platte Saline except May and December which are taken from the Alderney Airport rain gauge.



REPORT FOR SARK

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE	
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY		
JAN	9.9	12.6	9th	5.8	2.2	19th	132.0	19.8	12th	58.5
FEB	8.5	11.0	18th	4.2	1.0	5th	88.8	16.9	19h	104.0
MAR	10.5	13.7	7th	6.1	3.7	22nd	40.1	7.1	19th	144.8
APR	14.9	18.7	16th	7.8	4.7	4th	26.9	8.8	25th	240.3
MAY	15.5	19.3	26rd	9.3	6.8	18th	38.4	12.4	2nd	224.3
JUN	18.9	28.3	30th	11.4	7.9	3rd	46.7	17.8	4th	290.6
JUL	21.0	27.2	1st	13.4	10.8	31st	49.5	21.5	12th	218.8
AUG	20.1	24.7	2nd	13.6	11.2	13th	119.1	16.5	26th	173.3
SEP	18.2	21.3	10th	12.3	9.4	9yh	44.8	12.3	30th	245.0
OCT	15.3	18.1	2nd	11.0	8.9	18th	44.0	11.5	21st	117.6
NOV	14.2	18.8	1st	10.3	5.1	20th	75.8	22.7	6th	50.4
DEC	13.1	14.0	19th	9.7	5.9	31st	81.9	13.5	19th 11th	39.0
YEAR	15.0	28.3	30th	9.6	1.0	5th	788.0	22.7	6th	1906.6

REPORT FOR LIHOU

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY	
JAN	10.3	13.1	3rd	7.1	3.3	22nd	108.1	16.7	13th
FEB	8.5	10.8	25th	5.6	1.9	2nd	84.8	12.7	19th
MAR	10.1	14.2	12th	6.4	2.1	23rd	31.8	6.0	25th
APR	13.2	22.0	15th	8.1	3.0	5th	28.1	7.8	2nd
MAY	14.2	18.1	10th	10.4	8.7	13th	33.6	12.1	4th
JUN	17.3	27.9	30th	12.3	9.2	4th	31.8	14.1	12th
JUL	17.4	20.3	28th	14.4	12.6	3rd	54.3	24.9	24th
AUG	19.0	26.4	2nd	14.9	11.9	2nd	117.6	20.4	23rd
SEP	17.6	20.0	10th	13.8	12.3	26th	23.5	7.2	15th
OCT	15.5	17.9	31st	12.5	9.4	19th	42.8	12.1	4th
NOV	14.4	19.0	1st	11.9	6.7	21st	66.9	20.3	20th
DEC	13.6	15.1	19th	11.2	8.9	14th	70.8	14.3	15th
YEAR	14.3	27.9	30-Jun	10.7	1.9	02-Feb	694.1	24.9	24-Jul

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
				at 9a.m.	MAX	MIN		MEAN	MIN		30cm	100cm				9a.m.	9a.m.
THU	1	1033.5	11.5	6.0	8.8	3.0	7.2	9.8	180	15	17.3	35	1.0	NIL	Cloudy. Tempo fair mid am. Slt drizzle late		
FRI	2	1033.7	12.4	6.6	9.5	6.2	8.2	9.7	300	13	10.7	34	1.4	4.7	Drizzle or rain early, tempo fog. Bec fair. Cloudy late		
SAT	3	1022.2	12.5	6.5	9.5	0.3	8.2	9.7	240	27	18.8	42	3.0	NIL	Drzl/rain by mid am. Fog patch. Tempo mod rain/drzl		
SUN	4	1035.0	11.4	7.7	9.6	7.1	8.9	9.8	100	04	6.3	16	0.1	NIL	Cloudy. Drizzle early & evng		
MON	5	1031.3	10.0	9.0	9.5	7.2	8.8	9.8	170	08	9.3	21	0.1	NIL	Cloudy		
TUE	6	1021.4	10.4	6.4	8.4	7.4	9.0	9.9	200	15	11.0	28	1.3	3.0	Cloudy. Drizzle mid am. Hvy rain late am. Fair pm. Fine evng		
WED	7	1029.3	10.2	5.7	7.9	0.4	8.5	9.9	220	12	14.5	33	7.6	1.3	Fine , bec fair. Slt shwr early. Bec cloudy. Slt rain evng		
THU	8	1019.5	11.4	8.9	10.2	7.2	8.8	9.9	220	24	19.1	51	6.1	3.5	Cloudy, rain am, tempo hvy rain. Tempo gale. Fair midday.		
FRI	9	1028.7	12.6	9.8	11.2	6.1	9.0	9.9	260	24	25.3	45	0.9	0.2	Hvy rain early. Drzl/rain bec drzl. Tempo mist. Drzl pm. Tempo fog		
SAT	10	1021.1	12.1	7.3	9.7	10.3	9.7	9.9	240	27	21.8	44	2.7	0.1	Drzl & mist. Ocnl mod drzl. Rain/drzl. Shwr small hail evng		
SUN	11	1030.8	10.2	5.7	8.0	2.7	9.2	10.0	290	15	19.4	37	TR	2.0	Fair, tempo cloudy. Shwrs. Small hail. Cloudy late am. Slt rain late		
MON	12	1018.2	11.5	8.5	10.0	8.8	9.0	10.1	220	23	24.0	42	23.9	NIL	Cloudy. Drzl late am. Drzl/rain pm. Hvy drzl/rain, fog patch		
TUE	13	1006.5	11.3	5.2	8.3	6.4	9.4	10.1	240	21	20.4	43	6.0	4.1	Mod or hvy rain early & mid am bec fair. Shwrs. Hvy hail shwr pm		
WED	14	1011.9	9.4	4.0	6.7	0.2	8.7	10.0	260	23	23.7	48	15.1	3.5	Shwrs rain/small hail. Tempo gale mid am. Lghtng. Rain evng		
THU	15	993.8	11.2	5.6	8.4	6.4	8.8	10.0	230	19	24.3	48	2.5	1.3	Rain, tempo hvy rain early. Shwrs. Ocnl fair pm		
FRI	16	1004.4	8.3	4.3	6.3	2.6	8.4	9.9	350	03	10.2	30	0.4	4.2	Fair. Ocnl cloudy am. Shwrs. Small hail. Fine evng		
SAT	17	1016.4	7.6	2.5	5.1	-2.1	7.7	9.9	240	12	9.9	39	15.9	1.4	Fine bec fair then cloudy. Shwrs. Tempo hvy shwrs. Small hail		
SUN	18	1011.2	7.2	4.2	5.7	3.2	7.6	9.7	320	04	9.4	23	2.8	1.5	Hvy shwrs early bec rain. Tempo hvy rain. Slt shwr small hail		
MON	19	1016.4	5.8	1.7	3.8	0.4	7.1	9.6	360	09	5.9	21	0.2	3.4	Cloudy, slt shwrs. Small hail mid am. Fair. Sleet shwr late pm		
TUE	20	1010.0	6.1	1.0	3.6	-4.1	6.7	9.4	170	10	13.0	30	7.3	NIL	Fair early, slt hoar frost. Cloudy. Rain pm. Shwrs evng		
WED	21	1003.1	5.9	3.5	4.7	2.8	6.9	9.2	130	11	8.5	23	NIL	NIL	Cloudy. Shwrs early. Small hail		
THU	22	1018.5	7.5	1.8	4.7	-1.1	6.6	9.1	040	02	2.9	10	NIL	2.3	Cloudy. Ocnl fair		
FRI	23	1027.2	8.3	2.7	5.5	-3.7	6.3	9.0	---	00	8.0	29	1.0	5.7	Fair. Slt hoar frost mid am. Tempo fine. Cloudy evng. Slt drzl late		
SAT	24	1028.9	10.5	5.6	8.1	2.4	6.8	8.9	340	14	12.7	32	NIL	7.0	Drzl, mist. Tempo mod drzl/fog early bec fair. Ocnl fine pm		
SUN	25	1034.6	10.1	4.3	7.2	-1.4	6.6	8.8	290	03	8.9	23	0.3	0.8	Fine, slt hoar frost early bec cloudy. Slt rain late		
MON	26	1026.4	10.6	7.3	9.0	6.0	7.3	8.7	260	14	14.0	27	0.3	1.8	Cloudy. Ocnl drzl am. Mist. Fog patch late am. Tempo fair early pm		
TUE	27	1031.6	8.9	6.7	7.8	3.2	7.4	8.7	320	09	10.0	24	0.8	0.5	Fair bec cloudy. Tempo slt drzl/rain evng		
WED	28	1012.5	10.4	5.2	7.8	4.6	7.6	8.7	250	24	20.3	42	6.3	NIL	Drzl/rain/mist am. Ocnl mod drzl/ocnl fog. Shwrs pm, small hail		
THU	29	994.2	7.8	4.7	6.3	3.2	7.4	8.8	280	15	20.4	47	5.2	0.4	Shwr small hail early. Hvy shr. Tempo hvy rain mid am.		
FRI	30	984.4	8.0	3.8	5.9	1.4	6.9	8.8	310	24	19.3	64	0.5	4.1	Shwrs rain/small hail. T&L mid am bec fine. Fair to cloudy pm.		
SAT	31	987.3	7.5	4.7	6.1	1.8	6.8	8.7	310	17	17.4	37	0.3	2.3	Fair to cloudy. Shwrs. Small hail		
MEAN		1017.5	9.6	5.4	7.5	3.2	7.9	9.5	SW	14.2	14.7	TOTAL	113.0	59.1			
30 YEAR AVE. 1981-2010		1017.9	8.7	5.0	6.9	2.8	6.9	8.2	SW	14.0	14.2	////	92.5	61.0			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		25	17	1	13	1	3	0	5	7	0	2	8				
RECORDS FROM JANUARY 1947														RAINFALL	113.0 mm	SUNSHINE	59.1 hrs
WETTEST DAY	35.8mm	DRIEST MONTH	15.4mm	LOWEST MIN	-7.8°C	WARMEST MNTH	9.0°C	SUNNIEST MNTH	112.8hrs	RAIN DAYS	25	SUNLESS DAYS	8				
DAY/YEAR	11th/2001	YEAR	1992	DAY/YEAR	20th/1963	YEAR	2007	YEAR	1998	WET DAYS	17						
WETTEST MNTH	210.0mm	HIGHEST MAX	13.3°C	LOWEST GRASS	-10.0°C	COLDEST MONTH	1.5°C	DULLEST MNTH	26.0hrs								
YEAR	2001	DAY/YEAR	4th/48,9th/07	DAY/YEAR	29th/1947	YEAR	1963	YEAR	1966								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - FEBRUARY 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX				mm	hrs	
SUN	1	1004.2	6.1	4.4	5.3	1.7	6.6	8.7	330	20	17.4	40	0.2	2.3	Fair or fine bec cloudy pm. Slt shwrs evng. Small hail late			
MON	2	1008.7	6.0	0.6	3.3	-2.4	6.3	8.6	340	02	4.6	15	5.4	1.1	Fair bec cloudy. Shwrs sleet/snow evng. Snow pellets			
TUE	3	1005.6	4.9	0.5	2.7	-2.1	6.0	8.5	040	05	8.7	31	4.0	1.9	Shwrs sleet/snow/snow pellets. Tempo fair			
WED	4	1018.7	5.4	3.1	4.3	-0.2	5.7	8.3	020	10	11.8	25	0.1	2.2	Cloudy, slt shwrs early am & early pm. Ocnl fair pm			
THU	5	1025.8	6.1	2.1	4.1	0.2	5.8	8.1	360	12	13.5	31	0.5	0.7	Cloudy. Slt shwrs am. Shwrs snow/sleet/snow pellets evng			
FRI	6	1025.3	5.8	1.4	3.6	-0.2	5.9	8.0	050	23	19.9	41	NIL	5.9	Cloudy bec fair. Ocnl cloudy early pm			
SAT	7	1032.6	6.8	4.3	5.6	1.9	5.8	7.9	040	17	15.8	36	NIL	6.3	Fair or fine bec cloudy pm			
SUN	8	1039.6	7.0	3.1	5.1	2.9	6.1	7.9	040	11	8.6	22	NIL	6.8	Cloudy bec fair late am. Fine evng. Hoar frost late			
MON	9	1036.5	8.2	2.3	5.3	-3.5	5.8	7.9	---	00	4.3	13	NIL	8.5	Fine, hoar frost bec fair. Cloudy late			
TUE	10	1032.8	4.8	2.6	3.7	-1.3	6.1	7.9	100	13	11.4	23	NIL	NIL	Cloudy. Haze early			
WED	11	1024.6	6.4	2.3	4.4	3.0	6.1	7.8	120	06	5.6	14	NIL	2.9	Cloudy. Fair or fine by mid pm. Cloudy late			
THU	12	1021.0	7.3	1.7	4.5	-1.5	6.1	7.8	100	08	8.5	25	TR	2.0	Cloudy. Ocnl fair am. Haze pm. Slt shwrs late			
FRI	13	1002.6	10.0	7.2	8.6	3.1	6.5	7.8	160	25	19.3	44	5.0	2.2	Slt shwrs early. Mod rain late am. Shwrs pm			
SAT	14	1000.4	8.3	5.9	7.1	3.6	6.9	7.8	290	15	10.5	27	1.2	1.8	Cloudy shwrs. Tempo fair			
SUN	15	1012.7	9.7	4.0	6.9	0.9	7.0	7.9	030	07	5.4	14	0.8	6.0	Fair, ocnl cloudy am. Fine pm. Dew later			
MON	16	1014.8	8.4	5.4	6.9	-0.8	7.1	7.9	190	17	12.6	29	7.5	0.8	Rain mid am. Mod rain. Tempo hvy rain late am. Mist. Fair mid pm			
TUE	17	1037.9	7.8	3.6	5.7	0.9	6.8	7.9	330	11	7.5	25	NIL	9.3	Fine. Fair late, hoar frost			
WED	18	1040.8	8.5	0.3	4.4	-3.9	6.3	7.9	200	05	6.2	18	NIL	9.5	Fair. Hoar frost early. Bec fine			
THU	19	1027.0	8.7	5.4	7.1	-1.3	6.5	8.0	200	18	16.2	29	18.9	1.7	Fine bec fair. Cloudy late am. Rain pm. Mod rain			
FRI	20	1007.4	8.7	5.8	7.3	6.6	6.9	7.9	240	12	11.8	25	12.8	NIL	Slt drzl/rain early. Mod rain mid am, tempo hvy rain. Mist. Shwrs..			
SAT	21	1004.8	7.7	3.8	5.8	0.9	6.8	7.9	320	16	13.3	30	0.9	7.5	Shwrs early bec fair. Shwrs rain/snow pellets/sleet pm. Ocnl fine			
SUN	22	1011.0	9.9	2.3	6.1	-3.0	6.4	7.9	190	11	14.8	37	14.1	1.4	Fine bec cloudy. Mod rain pm bec drzl/rain. Drzl/rain/fog evng			
MON	23	998.4	10.0	3.1	6.6	2.9	6.9	7.9	260	17	21.4	44	1.5	5.5	Slt rain early bec fair. Ocnl cloudy. Shwrs. Hvy hail shwr evng			
TUE	24	1010.1	9.5	5.1	7.3	0.3	6.8	7.8	290	19	19.8	41	4.6	6.8	Fair to cloudy am. Shwrs. Small hail. Mainly fair pm. Slt shwrs			
WED	25	1017.2	10.7	7.5	9.1	3.1	7.2	7.9	280	16	14.2	28	1.6	0.3	Rain or drzl. Tempo mist. Fog patch late am. Cloudy. Drzl/fog later			
THU	26	1016.0	10.2	6.5	8.4	7.9	7.9	7.9	220	16	15.3	28	5.7	NIL	Thick fog early. Mod drzl. Rain early pm. Slt shwrs evng			
FRI	27	1023.6	8.8	5.1	7.0	1.5	7.5	8.1	300	10	10.5	25	0.7	7.1	Fair or fine am. Bec cloudy pm. Shwrs			
SAT	28	1013.1	10.3	6.7	8.5	3.8	7.7	8.2	190	15	15.9	36	5.8	NIL	Drzl mid am. Tempo fog late am. Drzl/rain evng. Mist/fog			
MEAN		1018.3	7.9	3.8	5.9	0.9	6.6	8.0	S	12.8	12.3	TOTAL	91.3	100.5				
30 YEAR AVE. 1981-2010		1018.0	8.4	4.6	6.5	2.2	6.6	7.6	SW	13.0	13.1	////	70.2	85.8				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		18	13	5	7	0	1	0	11	6	1	0	4					
RECORDS FROM JANUARY 1947															RAINFALL	91.3 mm	SUNSHINE	100.5 hrs
WETTEST DAY	59.0mm	DRIEST MONTH	4.8mm	LOWEST MIN	-7.2°C	WARMEST MNTH		9.0°C	SUNNIEST MNTH		143.9	RAIN DAYS	131	SUNLESS DAYS	63.1			
DAY/YEAR	18th/1978	YEAR	1965	DAY/YEAR	21st/48,7th/91	YEAR		1990	YEAR		2008	WET DAYS	38					
WETTEST MNTH	182.8mm	HIGHEST MAX	15.0°C	LOWEST GRASS	-11.1°C	COLDEST MNTH		1.5°C	DULLEST MNTH		36.1hrs							
YEAR	1978	DAY/YEAR	29th/1948	DAY/YEAR	12th/1978	YEAR		1986	YEAR		1976							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
			mb	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN				MAX	mm
SUN	1	1008.5	10.7	8.1	9.4	5.3	8.2	8.2	260	21	18.5	36	0.8	4.1	Cloudy bec fair. Cloudy pm. Slt shwrs evng		
MON	2	1012.4	8.8	5.3	7.1	3.2	8.0	8.3	270	26	18.2	43	3.4	7.7	Fair tempo cloudy. Shwrs. Small hail early pm		
TUE	3	1018.6	9.0	4.8	6.9	2.7	7.8	8.3	260	17	15.6	37	2.2	6.9	Fair ocnl cloudy. Shwrs. Hvy shwr mid am. Ocnl small hail pm		
WED	4	1032.3	8.7	4.9	6.8	0.7	7.4	8.3	300	13	11.6	26	NIL	8.8	Fair. Small hail mid am bec fine		
THU	5	1042.6	10.0	3.4	6.7	-3.4	7.3	8.4	250	03	4.8	15	TR(dew)	10.1	Fair or fine. Slt hoar frost early		
FRI	6	1037.6	10.2	4.5	7.4	-1.4	7.0	8.3	170	11	8.8	19	NIL	9.2	Fine, dew bec fair		
SAT	7	1028.5	13.5	7.1	10.3	3.5	7.4	8.3	180	15	9.3	19	NIL	7.8	Fair. Fine later, dew		
SUN	8	1024.8	10.8	6.5	8.7	-0.1	7.7	8.2	230	11	10.7	21	NIL	1.1	Fine, dew bec cloudy. Tempo fog evng		
MON	9	1026.9	9.8	6.5	8.2	2.7	8.1	8.2	160	11	9.3	20	TR	NIL	Cloudy. Tempo fog early. Slt rain evng. Drzl & thick fog later		
TUE	10	1031.5	10.1	7.6	8.9	6.4	8.4	8.3	020	06	7.7	18	TR	0.4	Cloudy. Slt rain early		
WED	11	1026.8	11.5	7.4	9.5	5.5	8.5	8.5	150	13	7.8	19	TR	0.4	Cloudy bec mist. Fair late evng, dew		
THU	12	1024.6	12.1	6.5	9.3	2.4	8.5	8.5	130	09	7.3	21	1.8	3.8	Fine, mist & dew bec fair to cloudy. Haze		
FRI	13	1021.4	9.6	5.2	7.4	6.1	8.9	8.6	340	16	13.3	30	3.1	NIL	Cloudy ocnl rain or drzl. Fog patch early. Ocnl fair later, dew		
SAT	14	1029.7	7.4	4.2	5.8	1.6	8.2	8.7	020	12	10.2	23	0.5	2.4	Fine, haze & dew bec cloudy. Ocnl fair late am. Shwrs late		
SUN	15	1026.5	6.7	4.8	5.8	4.3	8.1	8.7	060	13	9.0	21	0.7	NIL	Cloudy. Slt shwrs early. Slt rain/drzl mid to late am. Mist bec haze		
MON	16	1021.6	7.8	4.9	6.4	3.2	7.9	8.7	110	05	4.7	16	TR	0.5	Cloudy, haze. Tempo slt rain am. Slt rain evng		
TUE	17	1023.3	11.2	5.0	8.1	1.4	8.0	8.7	060	07	6.3	15	TR	4.0	Cloudy, haze. Slt rain mid am. Ocnl fair. Fine evng, mist & dew		
WED	18	1029.9	9.6	6.5	8.1	1.8	8.5	8.7	040	14	12.0	27	NIL	8.6	Fine, mist & dew bec fair. Haze. Fine pm. Dew later		
THU	19	1032.7	8.9	6.1	7.5	3.5	8.4	8.7	050	10	10.6	23	TR	0.1	Fair, haze & dew bec cloudy		
FRI	20	1028.3	7.4	4.6	6.0	5.6	8.4	8.7	030	10	8.8	23	NIL	1.1	Cloudy, slt shwr early. Haze mid am		
SAT	21	1024.9	9.9	2.9	6.4	-1.4	8.2	8.7	030	11	10.5	27	NIL	7.1	Fair, mist & dew early. Ocnl cloudy. Bec cloudy evng		
SUN	22	1026.4	7.7	5.0	6.3	3.2	8.7	8.7	040	14	10.2	25	NIL	0.7	Cloudy. Tempo fair late am		
MON	23	1018.8	10.0	2.1	6.1	-2.7	8.0	8.7	350	05	4.5	11	0.3	7.5	Fine, dew/hoar frost. Ocnl cloudy pm bec cloudy late evng		
TUE	24	1012.6	9.2	4.7	7.0	-0.1	8.2	8.7	340	10	9.7	23	0.7	8.5	Cloudy, drzl/rain early bec fair. Shwr rain/small hail evng. Lghtng		
WED	25	1013.6	8.4	4.9	6.7	-0.1	8.2	8.7	330	11	8.9	19	5.8	10.8	Fair, slt shwr mid am. Cloudy late		
THU	26	1005.2	11.5	5.3	8.4	0.9	8.4	8.8	290	14	15.3	29	0.1	8.1	Rain/drzl. Ocnl mist, fog patch bec fair		
FRI	27	1023.1	9.9	5.3	7.6	0.0	8.6	8.8	220	09	10.0	24	4.8	1.4	Fine bec cloudy. Rain midday. Tempo mod rain. Drzl/thick fog late		
SAT	28	1019.4	10.7	9.6	10.2	8.4	9.0	8.8	230	20	19.8	35	3.7	NIL	Thick fog bec mist. Drzl/rain early afternoon. Cloudy, mist		
SUN	29	1009.3	10.6	9.6	10.1	8.1	9.2	8.9	240	32	26.7	47	4.6	NIL	Cloudy, mist bec rain/drzl. Gale late am. Rain/drzl pm. Fog evng		
MON	30	1016.4	10.9	7.7	9.3	5.6	9.3	8.9	280	12	17.7	44	0.7	2.3	Rain/drzl/fog early bec fair. Cloudy again. Drzl & fog evng		
TUE	31	1016.3	11.4	8.1	9.7	7.4	9.5	9.0	280	25	23.6	48	TR	9.7	Drzl & mist early. Cloudy bec fair. Fine pm. Slt shwrs late		
MEAN		1023.0	9.8	5.8	7.8	2.7	8.3	8.6	W	13.1	11.7	TOTAL	33.2	133.1			
30 YEAR AVE. 1981-2010		1017.0	10.0	5.6	7.8	2.9	7.8	8.0	W	12.4	12.3	////	67.0	127.6			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		≥0.2µµ	≥1.0µµ														
		14	8	0	4	0	2	0	7	8	1	1	5				
RECORDS FROM JANUARY 1947																	
WETTEST DAY	30.0mm	DRIEST MONTH	2.7mm	LOWEST MIN	-2.2°C	WARMEST MNTH	10.3°C	SUNNIEST MNTH	214.8	RAINFALL	237.5 mm	SUNSHINE	292.7 hrs				
DAY/YEAR	28th/1960	YEAR	1961	DAY/YEAR	10th/11th/1958	YEAR	1957	YEAR	2009	RAIN DAYS	57	SUNLESS DAYS	17				
WETTEST MNTH	179.6mm	HIGHEST MAX	19.4°C	LOWEST GRASS	-9.4°C	COLDEST MNTH	4.4°C	DULLEST MNTH	67.4hrs	WET DAYS	38						
YEAR	2001	DAY/YEAR	29th/1965	DAY/YEAR	3rd/1965	YEAR	1962	YEAR	1964								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - APRIL 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
WED	1	1031.4	10.3	6.5	8.4	3.1	9.3	9.1	290	9	16.7	31	1.3	4.3	Fair or fine, slt shwr early bec cloudy. Slt rain/drlz late			
THU	2	1024.1	10.9	7.8	9.4	7.4	9.6	9.3	260	17	15.5	34	7.7	0.3	Drzl & mist, tempo hvy drzl. Cloudy, ocnl mist			
FRI	3	1017.0	10.5	8.9	9.7	8.0	9.8	9.3	260	13	13.3	26	0.4	NIL	Drzl & fog. Ocnl mod rain/drzl to late am. Tempo slt drzl or rain pm			
SAT	4	1022.0	11.2	7.8	9.5	7.2	9.8	9.3	010	13	11.4	26	NIL	2.9	Cloudy, ocnl fair late am, early pm. Bec fine late			
SUN	5	1027.3	10.2	3.0	6.6	-0.6	9.5	9.4	090	08	7.6	17	NIL	7.9	Fine, dew bec fair. Ocnl cloudy. Bec fair again pm. Fine evng			
MON	6	1032.9	12.1	4.2	8.2	-0.9	9.5	9.4	060	08	6.2	17	NIL	12.1	Fine, slt dew early & late			
TUE	7	1037.3	12.7	5.9	9.3	3.3	9.8	9.5	070	09	8.5	22	NIL	10.6	Fine. Ocnl cloudy early. Bec fair pm			
WED	8	1033.0	14.6	6.4	10.5	2.9	10.2	9.6	100	08	8.2	16	NIL	12.0	Fair bec fine. Ocnl dry air			
THU	9	1026.1	16.9	6.2	11.5	2.6	10.5	9.7	110	07	8.0	21	NIL	10.6	Fine. Tempo haze early.Fair late am. Dry air			
FRI	10	1018.0	15.5	10.3	12.9	7.7	11.2	9.9	180	09	7.7	20	2.7	10.4	Fair to cloudy. Slt rain mid am. Bec fair or fine. Rain evng. Fog late			
SAT	11	1020.5	11.1	6.5	8.8	8.1	11.5	9.9	280	13	10.4	29	NIL	9.4	Cloudy. Rain/drzl mid am bec fair or fine			
SUN	12	1028.2	13.8	5.8	9.8	1.2	11.0	10.2	190	13	9.3	22	NIL	11.7	Fine, dew early & late. Fair pm			
MON	13	1033.3	16.5	7.3	11.9	4.6	11.2	10.2	100	04	4.4	11	NIL	6.6	Fine. Ocnl thick fog am. Bec fine pm. Adj fog. Ocnl dry air			
TUE	14	1028.3	20.3	9.3	14.8	4.0	11.7	10.3	160	06	4.8	13	NIL	12.9	Fine ocnl fair. Ocnl dry air pm			
WED	15	1018.0	22.5	12.8	17.7	7.8	12.2	10.5	090	02	6.3	14	NIL	12.6	Fine. Dry air. Cloudy late			
THU	16	1012.8	17.2	10.0	13.6	9.3	12.9	10.6	070	08	5.5	15	TR	3.4	Cloudy bec fair to cloudy. Haze evng, mist later			
FRI	17	1015.8	10.9	8.6	9.8	8.5	13.1	10.8	070	09	11.8	29	0.8	NIL	Cloudy. Slt shwr early. Shwrs pm. Mod shwr evng			
SAT	18	1022.3	11.7	8.2	10.0	7.1	12.2	11.0	070	16	17.7	35	NIL	9.7	Cloudy. Slt shwr early bec fair. Fine late			
SUN	19	1023.0	10.1	7.2	8.7	5.2	12.0	11.1	060	14	12.8	26	NIL	7.8	Fine, slt dew bec fair. Ocnl cloudy am. Bec fine pm			
MON	20	1027.3	13.4	7.1	10.3	4.3	11.8	11.1	050	10	11.3	25	NIL	12.7	Fine, dew bec fair then fine again			
TUE	21	1032.2	13.8	8.0	10.9	5.6	12.3	11.1	030	11	13.5	27	NIL	12.1	Fine, slt dew. Tempo fair am			
WED	22	1026.7	12.6	8.4	10.5	6.6	12.4	11.2	060	17	18.4	36	NIL	12.1	Fine			
THU	23	1019.5	13.4	7.5	10.5	5.1	12.5	11.3	060	11	7.8	22	NIL	10.8	Fine bec fair, mist. Tempo cloudy am. Haze			
FRI	24	1015.0	14.2	7.7	10.9	4.3	13.1	11.3	230	11	7.6	16	5.2	3.8	Fine, haze & dew bec cloudy, mist. Ocnl fair. Rain evng			
SAT	25	1008.4	14.1	9.8	11.9	9.9	13.2	11.5	200	09	9.1	19	1.9	4.3	Rain early, mist tempo fog. Ocnl fair. Shwrs early pm			
SUN	26	1007.1	12.1	9.0	10.5	8.1	13.4	11.5	040	04	6.8	21	TR	NIL	Cloudy, mist. Ocnl fog am. Slt shwrs/rain			
MON	27	1013.3	10.7	5.9	8.4	3.6	12.7	11.7	010	10	10.2	23	0.2	12.5	Cloudy bec fine. Ocnl dry air pm. Slt shwr evng & late			
TUE	28	1021.4	11.3	5.9	8.6	3.4	12.6	11.7	270	09	9.3	21	0.3	12.7	Cloudy, shwrs early bec fair. Slt shwr late am. Cloudy late			
WED	29	1016.2	11.6	6.9	9.3	5.2	12.5	11.8	210	12	11.8	30	4.5	5.5	Fair bec cloudy. Ocnl shwrs. Tempo mod shwrs. Ocnl fair pm			
THU	30	1014.1	11.9	6.9	9.4	5.3	12.3	11.8	320	05	4.3	16	TR	3.9	Cloudy. Hvy shwr rain/small hail early. Ocnl fair			
MEAN		1022.4	13.3	7.5	10.4	5.3	11.5	10.5	E	9.8	9.9	TOTAL	25.0	235.6				
30 YEAR AVE. 1981-2010		1015.1	11.8	6.6	9.2	3.7	9.8	9.4	NE	11.8	11.4	////	53.1	194.7				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		10	6	0	1	0	1	0	2	4	2	0	3					
RECORDS FROM JANUARY 1947															RAINFALL	262.5 mm	SUNSHINE	528.3 hrs
WETTEST DAY	27.9mm	DRIEST MONTH	2.9mm	LOWEST MIN	-1.4°C	WARMEST MNTH	12.0°C	SUNNIEST MNTH	280.4hrs	RAIN DAYS	67	SUNLESS DAYS	20					
DAY/YEAR	3rd/2000	YEAR	1980	DAY/YEAR	11th/1986	YEAR	2011	YEAR	1984	WET DAYS	44							
WETTEST MNTH YEAR	130.4mm 1966	HIGHEST MAX DAY/YEAR	24.3°C 16th/2003	LOWEST GRASS DAY/YEAR	-7.0°C 5th/1990	COLDEST MNTH YEAR	6.4°C 1986	DULLEST MNTH YEAR	122.2hrs 1981									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
FRI	1	1005.6	12.3	7.2	9.8	6.4	12.4	11.8	080	15	12.5	27	0.5	0.2	Cloudy, tempo slt rain		
SAT	2	1007.9	11.8	8.3	10.1	6.7	12.6	11.8	120	10	10.3	24	7.1	NIL	Cloudy, slt rain. Ocnl mod rain. Fog. Rain/drzl		
SUN	3	999.3	15.2	11.3	13.3	11.2	12.6	11.8	230	18	14.7	26	TR	4.8	Rain/drzl. Ocnl thick fog am. Bec fair pm. Cloudy evng. Slt shwr		
MON	4	1005.5	14.3	9.0	11.7	6.8	12.8	11.8	120	06	8.8	23	15.2	0.2	Cloudy. Fog patches. Rain early pm. Hvy rain. Fog later#		
TUE	5	1000.4	14.3	9.9	12.1	10.1	12.9	11.8	240	25	19.8	38	1.2	10.8	Cloudy, shwrs. Lghtng early. Bec fair or fine. Shwrs later		
WED	6	1008.0	13.5	8.9	11.2	7.2	13.0	11.9	240	25	21.4	41	NIL	11.7	Fair. Tempo cloudy mid am, shwrs. Fair or fine		
THU	7	1019.3	13.2	7.7	10.5	5.1	12.8	11.9	240	09	7.9	21	TR	7.5	Fair or fine, slt dew early. Bec cloudy pm. Slt rain later		
FRI	8	1011.7	15.6	10.0	12.8	9.3	13.2	12.0	140	11	12.1	29	TR	0.8	Cloudy. Slt rain early. Slt shwr later		
SAT	9	1019.7	14.7	10.4	12.6	9.1	13.1	12.1	230	16	15.6	32	NIL	4.4	Cloudy. Slt shwr early. Ocnl fair. Mist late evng. Ocnl fog		
SUN	10	1025.2	16.4	10.0	13.2	8.7	13.4	12.1	170	09	8.9	22	NIL	8.3	Thick fog early bec mist. Fair late am		
MON	11	1020.9	14.9	10.5	12.7	9.4	14.0	12.2	210	11	8.1	19	TR(fog)	1.6	Fair bec cloudy. Mist or haze. Fog patches evng, then fog		
TUE	12	1022.6	14.2	9.0	11.6	10.8	14.0	12.4	300	09	7.0	18	NIL	10.0	Fog, tempo thick fog bec mist then fair. Fine late am. Shallow fog		
WED	13	1018.8	17.2	7.0	12.1	3.3	13.8	12.5	070	12	7.4	18	3.4	5.1	Fine, dew. Tempo shallow fog. Fair bec cloudy pm. Slt rain evng		
THU	14	1009.5	13.9	8.8	11.4	9.1	13.8	12.6	250	09	10.1	31	1.7	8.9	Cloudy, tempo fog. Rain, tempo hvy rain bec fine late am. Fair		
FRI	15	1023.1	13.2	7.5	10.4	4.1	13.7	12.6	350	06	7.0	18	TR	3.3	Fair or fine, dew bec cloudy. Tempo fair		
SAT	16	1028.1	14.3	9.5	11.9	9.1	13.9	12.7	280	12	13.9	26	NIL	10.4	Cloudy, thick fog. Slt drzl mid am bec fair. Fine late am		
SUN	17	1030.1	13.3	8.0	10.7	5.0	14.1	12.7	300	06	8.7	20	0.2	7.0	Fine bec fair then cloudy. Fair pm. Cloudy later		
MON	18	1010.9	12.8	8.8	10.8	7.5	14.0	12.9	220	19	18.0	38	1.5	5.7	Cloudy. Drzl/rain mid am. Bec fair pm, ocnl fine. Hvy shwr late		
TUE	19	1010.2	12.1	7.2	9.7	5.2	13.6	12.9	270	21	17.7	35	1.0	11.2	Fair, ocnl cloudy. Shwrs am, tempo small hail. Fine evng		
WED	20	1019.9	13.3	8.5	10.9	6.0	13.5	12.9	320	11	11.2	24	NIL	13.8	Cloudy. Slt shwr early bec fair or fine		
THU	21	1029.8	14.2	8.4	11.3	4.6	13.8	13.0	260	16	10.8	24	NIL	12.4	Fine bec fair. Ocnl cloudy am		
FRI	22	1029.4	12.9	9.0	11.0	7.0	14.4	13.0	240	11	9.4	19	TR	NIL	Fine bec cloudy. Slt drzl bec fog. Mist late		
SAT	23	1025.6	18.3	11.2	14.7	11.2	14.2	13.0	040	07	6.5	17	NIL	10.5	Cloudy bec fair. Fine pm		
SUN	24	1022.7	14.5	9.7	12.1	6.7	15.0	13.1	280	08	8.3	20	TR	7.1	Fine, dew. Shallo fog early. Cloudy pm. Sli drzl. Fog evng		
MON	25	1022.2	14.9	9.7	12.3	7.8	15.0	13.3	340	08	8.2	17	NIL	5.5	Cloudy, slt drzl/rain. Ocnl fai		
TUE	26	1025.7	16.4	10.1	13.3	7.7	15.2	13.4	340	07	6.1	14	NIL	13.5	Fine, dew early. Tempo cloudy early pm		
WED	27	1026.9	17.1	9.6	13.4	5.7	15.5	13.6	180	04	7.9	22	TR	14.3	Fair or fine. Cloudy late		
THU	28	1019.4	14.8	10.4	12.6	10.2	15.9	13.7	270	11	12.7	24	TR	9.2	Cloudy, tempo slt drzl bec fair		
FRI	29	1013.1	13.7	9.7	11.7	8.2	15.4	13.8	230	18	14.3	32	2.2	2.8	Cloudy. Tempo rain/drzl early pm. Tempo hvy rain bec fair		
SAT	30	1017.7	14.2	8.6	11.4	5.4	14.3	13.9	270	10	8.3	19	2.2	8.5	Fair bec cloudy pm. Slt rain late evng		
SUN	31	1009.3	13.5	9.8	11.7	11.9	15.0	13.8	240	16	14.5	28	1.8	3.9	Slt rain bec rain/drzl. Ocnl fog am. Ocnl fair pm		
MEAN		1017.4	14.4	9.2	11.8	7.6	13.9	12.7	SW	12.1	11.2	TOTAL	38.0	213.4			
30 YEAR AVE. 1981-2010		1016.0	14.9	9.2	12.0	6.7	13.0	11.8	NE	11.4	10.9	////	50.9	234.5			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		≥0.2µµ	≥1.0µµ														
		12	10	0	1	0	1	0	0	12	4	0	2				
RECORDS FROM JANUARY 1947														RAINFALL	300.5 mm	SUNSHINE	741.7 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	79	SUNLESS DAYS	22				
DAY/YEAR	24th/1950	YEAR	1989	DAY/YEAR	2nd/1979	YEAR	1989	YEAR	1989	WET DAYS	54						
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 AT GUERNSEY AIRPORT - JUNE 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
MON	1	1018.1	14.9	9.6	12.3	7.0	14.3	13.8	210	16	14.0	38	2.1	6.1	Cloudy, ocnl fair. Slt shwr early. Rain evng		
TUE	2	1009.9	14.0	11.2	12.6	10.2	14.7	13.8	220	22	19.8	38	0.1	0.1	Cloudy. Drzl/rain. Mist or fog. Fair late evng		
WED	3	1025.0	15.0	9.9	12.5	8.4	14.3	13.8	280	12	9.0	22	NIL	14.2	Cloudy bec fair then fine. Dew late		
THU	4	1024.7	19.4	7.6	13.5	4.5	14.8	13.7	090	11	8.4	17	0.8	11.6	Fine, dew bec fair. Tempo cloudy		
FRI	5	1018.5	19.2	10.9	15.1	12.1	16.0	13.8	250	09	13.2	26	NIL	8.9	Fair to cloudy. Shwrs early. Bec fine pm		
SAT	6	1028.1	15.1	8.7	11.9	5.2	15.3	13.9	270	12	9.9	22	NIL	13.6	Fair or fine		
SUN	7	1032.7	15.9	8.4	12.2	4.8	15.3	14.0	350	09	7.1	17	NIL	15.0	Fine, ocnl fair pm. Dew later		
MON	8	1032.9	15.7	10.3	13.0	7.1	15.6	14.1	050	12	9.7	21	NIL	14.5	Fine, dew early		
TUE	9	1031.3	14.5	9.8	12.2	8.0	15.7	14.2	040	15	15.5	30	TR	13.7	Fine bec fair. Tempo cloudy pm, slt shwr. Fine again. Cloudy later		
WED	10	1025.8	15.3	10.2	12.8	8.6	15.1	14.3	050	16	17.9	38	0.6	9.1	Cloudy bec fair. Cloudy by evng. Shwrs later		
THU	11	1015.5	20.9	12.2	16.5	11.0	15.3	14.3	060	10	11.6	31	12.6	4.1	Slt shwrs early. Cloudy, ocnl fair. T&L, very hvy rain evng		
FRI	12	1008.9	17.1	12.1	14.6	11.4	15.9	14.3	320	04	8.7	26	13.7	NIL	Fair bec cloudy, rain. Tempo hvy rain. Mist. Tempo fog. Fine late		
SAT	13	1013.0	16.6	11.9	14.3	9.8	15.0	14.3	220	11	9.8	20	NIL	10.2	Fair, dew bec cloudy, mist. Fair again. Cloudy evng		
SUN	14	1014.4	15.7	11.3	13.5	10.3	15.9	14.3	300	07	7.2	29	NIL	11.7	Cloudy bec fair. Fair or fine pm. Cloudy late		
MON	15	1021.0	16.2	11.6	13.9	11.3	16.6	14.4	040	09	7.4	16	NIL	11.6	Cloudy bec fair. Fine evng. Dew later		
TUE	16	1027.5	17.4	10.2	13.8	7.8	16.4	14.6	320	05	5.8	24	NIL	14.4	Fine, dew. Ocnl fair		
WED	17	1028.6	17.3	11.1	14.2	9.6	16.8	14.7	270	11	12.0	25	0.2	4.2	Fair, dew bec cloudy. Fog & drzl late evng		
THU	18	1023.9	17.3	12.2	14.8	13.5	16.9	14.9	300	11	11.2	26	NIL	8.9	Fog, tempo thick fog. Tempo slt drzl. Bec fair late am. Fine evng.		
FRI	19	1025.3	17.2	11.0	14.1	9.2	16.6	15.0	340	07	8.2	18	NIL	14.7	Fine. Dew ealy & late		
SAT	20	1025.1	17.4	11.4	14.4	8.2	17.3	15.1	280	08	9.1	20	TR	6.8	Fine, dew early bec fair then cloudy. Mist, tempo fog by evng		
SUN	21	1021.7	16.8	12.3	14.5	12.2	17.4	15.2	280	13	13.8	27	0.7	9.7	Dr! & thick fog early bec fair. Ocnl cloudy		
MON	22	1013.9	13.7	11.2	12.5	11.9	17.2	15.3	240	20	12.5	30	3.7	0.8	Cloudy. Ocnl rain mid am. Mist. Mod rain early pm. Fair late evng		
TUE	23	1019.7	17.9	10.4	14.2	6.2	16.0	15.4	330	05	4.1	12	NIL	12.3	Fine, dew. Ocnl fair pm		
WED	24	1022.3	20.1	9.9	15.0	6.5	16.3	15.3	150	09	6.2	17	NIL	11.5	Fair or fine, dew. Ocnl fair to cloudy evng		
THU	25	1023.1	22.7	11.9	17.3	7.3	17.0	15.3	150	04	3.6	15	NIL	14.4	Fine, dew bec fair. Dry air		
FRI	26	1019.3	19.7	13.2	16.5	10.4	17.9	15.3	200	11	10.6	26	0.3	3.3	Fair bec mainly cloudy. Tempo rain pm. Tempo fog late evng		
SAT	27	1023.1	18.7	12.8	15.8	10.2	17.2	15.5	270	09	6.5	15	NIL	9.1	Fine, mist & dew bec fair. Bec cloudy by evng		
SUN	28	1020.5	19.4	12.4	15.9	8.9	17.6	15.6	230	08	9.1	22	NIL	8.2	Fine, dew bec fair. Cloudy pm, ocnl fair. Fog late evng		
MON	29	1024.2	21.7	13.1	17.4	12.3	17.7	15.6	150	04	4.3	11	NIL	12.7	Cloudy, mist or fog bec fair. Bec fine pm		
TUE	30	1017.5	29.4	15.1	22.3	13.4	18.7	15.7	090	09	11.1	23	TR	11.7	Fine. Dry air. Bec cloudy evng. T&L, slt rain		
MEAN		1021.9	17.7	11.1	14.4	9.2	16.2	14.7	W	10.3	9.9	TOTAL	34.8	287.1			
30 YEAR AVE. 1981-2010		1018.0	17.5	11.5	14.5	9.0	16.0	14.4	W	10.4	10.1	////	45.5	246.6			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		9	4	0	0	2	3	0	0	10	2	0	1				
RECORDS FROM JANUARY 1947														RAINFALL	335.3 mm	SUNSHINE	1028.8 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	88	SUNLESS DAYS	23				
DAY/YEAR	16th/1970	YEAR	1976	DAY/YEAR	1st/1975	YEAR	1976	YEAR	1975	WET DAYS	58						
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 AT GUERNSEY AIRPORT - JULY 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
WED	1	1010.1	26.1	16.1	21.1	15.4	19.1	16.0	300	11	10.0	21	0.8	5.8	Fine bec cloudy, mist. Tempo fog. Ocnl fair. Fog patches pm			
THU	2	1018.8	21.1	14.0	17.6	12.0	18.9	16.0	070	04	5.2	19	3.9	7.9	Slt rain mid am. Ocnl mod rain, tempo hvy rain. Fog. Fine pm			
FRI	3	1023.2	21.4	11.5	16.5	7.9	18.3	16.2	070	09	9.3	21	TR	8.4	Fine, dew bec fair. Ocnl cloudy. Lghtng late			
SAT	4	1020.8	21.1	15.6	18.4	14.4	18.7	16.3	230	16	10.5	25	NIL	11.3	Cloudy, lghtng early. Slt shwr bec fair or fine. Cloudy later			
SUN	5	1019.2	20.4	14.5	17.5	13.0	18.6	16.4	160	10	10.4	26	NIL	11.3	Cloudy, lghtng early bec fair. Fine evng			
MON	6	1021.1	21.7	12.7	17.2	9.4	18.4	16.5	170	11	7.5	17	0.5	14.6	Fine, dew early. Dry air pm			
TUE	7	1012.4	19.0	14.5	16.8	10.5	18.9	16.6	230	15	15.3	34	1.0	7.0	Fair bec cloudy. Drzl/rain, mist. Ocnl fair. Slt shwr later			
WED	8	1017.0	18.0	13.2	15.6	12.3	18.1	16.7	250	16	15.7	30	TR	8.1	Cloudy, tempo showery rain am bec fair then fine			
THU	9	1025.5	18.4	12.9	15.7	9.7	17.9	16.7	320	08	5.9	15	NIL	14.5	Fine, dew early & late			
FRI	10	1020.4	24.2	11.4	17.8	9.0	18.3	16.7	130	11	4.9	17	TR	11.8	Fine, dew early. Cloudy by evng, slt shwr. Lghtng evng. Fine late			
SAT	11	1021.5	19.3	14.4	16.9	12.1	18.7	16.7	280	13	12.5	23	TR	12.3	Fair or fine, dew. Tempo cloudy. Fine evng, dew later			
SUN	12	1020.8	18.5	14.4	16.5	13.0	18.8	16.9	240	15	15.0	29	0.9	0.3	Fair bec cloudy. Rain. Drzl & mist evng. Thick fog later			
MON	13	1019.5	19.2	15.1	17.2	15.2	18.1	16.9	230	17	16.5	30	0.4	0.6	Thick fog early. Tempo slt drzl. Fog by evng			
TUE	14	1020.1	19.9	15.0	17.5	15.2	17.8	16.9	240	14	14.0	27	4.2	1.5	Dezl & fog bec fog patches. Cloudy. Mod drzl, thick fog late evng			
WED	15	1019.6	20.2	15.3	17.8	16.2	18.0	16.8	230	11	7.6	17	TR	4.8	Rain/drzl/thick fog. Tempo mod rain/drzl. Bec fair pm. Adj fog.			
THU	16	1015.3	22.8	14.5	18.7	15.4	18.9	16.8	100	08	7.3	21	TR	10.2	Cloudy, tempo fog early bec fair, ocnl cloudy			
FRI	17	1013.9	19.8	15.4	17.6	14.7	19.0	16.9	230	15	10.8	22	TR	3.5	Fair bec cloudy. Tempo slt rain. Ocnl fair pm			
SAT	18	1019.5	18.2	11.8	15.0	8.2	18.4	17.0	290	04	4.8	13	0.3	4.4	Cloudy, ocnl fair. Slt rain afternoon			
SUN	19	1012.1	20.0	12.7	16.4	11.8	18.3	17.0	240	10	7.5	17	1.7	4.0	Slt drzl early bec fair. Then Cloudy. Rain/drzsl evng. Drzl thick fog			
MON	20	1012.1	20.1	15.2	17.7	15.4	18.7	17.0	210	13	12.7	25	TR	0.1	Mod drzl early. Thick fog. Cloudy. Tempo slt drzl. Fog evn.			
TUE	21	1015.1	21.1	13.9	17.5	11.2	18.3	17.1	220	10	10.4	21	TR	12.0	Fair, ocnl cloudy am. Adj fog midday. Fine pm. Dew bec cloudy			
WED	22	1017.1	20.5	14.6	17.6	13.8	18.9	17.0	230	13	11.1	25	NIL	8.4	Cloudy, slt drzl early. Fair late am. Fine evng			
THU	23	1020.4	18.9	12.2	15.6	8.0	18.6	17.1	220	05	4.6	12	5.1	3.1	Fine, dew bec cloudy. Ocnl fair pm. Tempo dry air. Slt rain evng			
FRI	24	1006.9	18.3	13.7	16.0	13.7	18.6	17.1	120	13	11.3	28	6.8	0.1	Tempo slt rain bec mod/hvy rain. T&L.Ocnl thick fog evng. Rain			
SAT	25	1017.6	18.1	12.8	15.5	11.7	17.5	17.1	310	14	10.9	26	9.5	13.3	Cloudy, slt shwrs early bec fine. Bec fair evng. Cloudy late			
SUN	26	1006.8	17.9	12.4	15.2	12.4	17.9	17.1	160	20	16.9	37	10.7	1.6	Slt rain mid am. Tempo hvy rain, mist. Drzl/rain. Tempo fog.			
MON	27	1005.5	17.4	13.6	15.5	13.8	17.2	17.0	250	19	19.6	34	0.8	2.0	Mainly cloudy. Shwrs			
TUE	28	1011.0	17.5	13.2	15.4	10.8	17.0	16.9	260	14	14.3	28	TR	5.6	Fair bec cloudy. Bec fine pm			
WED	29	1014.3	17.3	12.9	15.1	10.1	16.7	16.8	290	14	13.1	24	TR	11.7	Fine. Tempo cloudy mid am, slt shwr. Mainly fair			
THU	30	1020.6	17.0	12.2	14.6	9.1	16.9	16.7	320	08	6.9	16	NIL	14.3	Fine, tempo fair			
FRI	31	1019.4	18.4	11.5	15.0	5.8	17.1	16.6	140	04	5.1	14	NIL	13.1	Fine bec fair, dew.			
MEAN		1016.7	19.7	13.7	16.7	12.0	18.2	16.8	SW	11.8	10.6	TOTAL	46.6	227.6				
30 YEAR AVE. 1981-2010		1017.7	19.5	13.6	16.5	11.2	17.8	16.3	W	10.5	10.2	////	42.1	250.7				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		14	8	0	0	1	4	0	0	11	3	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	381.9 mm	SUNSHINE	1256.4 hrs
WETTEST DAY	62.5mm	DRIEST MONTH	3.9mm	LOWEST MIN	8.3°C	WARMEST MNTH	19.4°C	SUNNIEST MNTH	335.9hrs	RAIN DAYS	102	SUNLESS DAYS	23					
DAY/YEAR	7th/2004	YEAR	1999	DAY/YEAR	8th/1954	YEAR	1983	YEAR	1959	WET DAYS	66							
WETTEST MNTH	120.2mm	HIGHEST MAX	31.7°C	LOWEST GRASS	1.0°C	COLDEST MNTH	13.8°C	DULLEST MNTH	167.7hrs									
YEAR	1960	DAY/YEAR	1st/1952	DAY/YEAR	7th/1996	YEAR	1954	YEAR	1972									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)							
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX					
SAT	1	1018.1	17.9	11.1	14.5	6.1	17.1	16.6	330	02	4.8	15	NIL	11	Fine, dew bec cloudy then fair. Bec fine pm		
SUN	2	1016.5	24.8	10.9	17.9	7.8	17.5	16.7	120	11	8.9	21	0.4	13.9	Fine, dew bec fair. Dry air pm		
MON	3	1012.9	20.2	15.6	17.9	13.8	18.5	16.7	200	09	9.5	20	1.1	1.2	Fine bec cloudy. Drzl/rain, mist. Fog patches. Tempo fair pm		
TUE	4	1016.3	18.7	12.7	15.7	11.6	17.8	16.8	230	16	12.6	26	1.2	7.5	Fine bec cloudy. Shwrs mid am bec fair. Cloudy by evng, slt rain		
WED	5	1014.0	19.1	13.9	16.5	11.8	17.7	16.9	150	09	8.2	19	2.5	2.8	Cloudy, ocnl slt rain. Tempo fair. T&L evng. Shwrs		
THU	6	1015.5	18.4	13.2	15.8	14.6	17.9	16.8	260	11	9.5	24	NIL	6.8	Cloudy. Ocnl drzl & mist. Fog patch. Bec fair pm, fine evng		
FRI	7	1017.9	21.4	11.7	16.6	8.2	17.6	16.9	130	06	5.0	14	TR	12.8	Fine, dew. Shallow fog mid am. Dry air late am. Fair. Slt shwr late		
SAT	8	1023.5	20.9	13.8	17.4	11.3	18.4	16.9	050	05	6.7	15	NIL	12.4	Fair or fine, dew early.		
SUN	9	1022.9	19.4	13.6	16.5	10.3	18.5	17.0	280	07	8.3	18	TR	7.4	Fair or fine, dew early. Bec cloudy pm. Drzl/fog late		
MON	10	1018.5	19.6	15.8	17.7	16.0	19.0	17.1	190	11	8.6	20	0.4	0.1	Cloudy. Fog early. Drzl, fog patch early evng		
TUE	11	1019.5	16.1	14.5	15.3	14.2	18.5	17.1	030	07	6.8	16	3.3	NIL	Cloudy, slt rain from mid am. Tempo mod rain		
WED	12	1020.8	19.7	14.8	17.3	15.1	17.8	17.1	040	09	13.0	37	13.5	3.0	Rain early, mist. Cloudy. Fair early pm. T&L evng		
THU	13	1011.6	19.9	16.7	18.3	16.0	18.4	17.1	060	09	8.0	21	4.5	NIL	T&L, tempo hvy rain. Rain & mist, tempo hvy rain. Cloudy, mist pm		
FRI	14	1006.4	18.5	14.7	16.6	16.2	18.4	17.1	330	12	12.0	27	9.7	NIL	Thick fog early bec rain & fog. Tempo hvy rain. Mod rain pm.		
SAT	15	1014.7	17.4	12.9	15.2	9.6	17.0	17.1	310	11	9.4	20	NIL	12.9	Fair bec fine		
SUN	16	1017.5	16.8	11.1	14.0	8.3	17.0	17.0	010	04	4.1	10	NIL	4.1	Fine bec mainly cloudy. Ocnl fair		
MON	17	1018.3	19.3	11.2	15.3	6.5	16.6	16.9	040	03	4.0	12	NIL	10.8	Cloudy bec fair, tempo cloudy. Ocnl dry air pm		
TUE	18	1016.8	19.3	12.7	16.0	7.4	17.3	16.8	270	08	6.4	16	0.2	12.6	Fine, tempo cloudy am		
WED	19	1018.5	16.5	12.7	14.6	10.0	17.7	16.8	220	08	8.9	20	9.6	NIL	Cloudy. Ocnl rain. Tempo hvy rain pm. Drzl/rain. Mist/fog by evng		
THU	20	1020.9	19.5	16.4	18.0	16.0	17.6	16.9	200	09	8.4	18	TR	0.1	Drzl & thick fog early. Cloudy		
FRI	21	1021.0	22.6	15.9	19.3	14.5	18.0	16.8	200	09	5.5	15	NIL	10.9	Cloudy bec fair or fine. Dew early. Finepm		
SAT	22	1013.4	23.8	14.8	19.4	11.4	18.7	16.9	130	06	5.2	15	27.7	6.8	Fine. Tempo fog. Bec fair. Cloudy pm. Slt shwrs. Hvy shwrs eve		
SUN	23	1003.9	18.1	13.8	16.0	14.3	18.8	17.1	260	11	8.7	24	2.5	7.1	Shwry rain, T&L early, tempo hvy rain. Cloudy		
MON	24	994.7	16.8	12.8	14.8	14.2	18.7	17.1	350	07	13.9	38	4.7	0.2	Shwry rain, occn hvy. Fair eve		
TUE	25	1008.3	18.4	13.3	15.9	11.3	17.3	17.2	160	20	15.2	34	5.2	2.9	Rain & drizzle, with fog pm, clearing evening.		
WED	26	1004.8	18.1	14.7	16.4	15.9	17.4	17.1	170	22	15.5	31	5.3	4.2	Rain clrng by noon. Fair pm, shwrs eve.		
THU	27	1008.7	16.7	13.1	14.9	14.2	17.3	17.0	200	15	12.6	27	1.7	1.8	Rain clrng to shwrs. Fine eve		
FRI	28	1017.7	18.8	12.4	15.6	9.4	16.6	16.9	230	12	7.3	19	0.1	9.6	Fair bec cloudy. Good vis.		
SAT	29	1019.5	17.7	14.0	15.9	13.2	17.3	16.8	080	05	5.9	14	1.6	0.2	Shwry rain by mid am, clrng late pm. Cldy eve		
SUN	30	1016.2	21.0	15.1	18.1	14.7	17.3	16.8	040	09	7.8	16	16.0	5.2	Cldy pm with mist then shwrs, T&L eve.		
MON	31	1012.8	16.8	14.3	15.5	16.1	18.1	16.8	360	08	7.4	18	1.5	0.8	Thundry rain, occn hvy, with fog am, clrng by noon. Cldy pm		
MEAN		1014.9	19.1	13.7	16.4	12.3	17.8	16.9	S	9.4	8.6	TOTAL	112.7	169.1			
30 YEAR AVE. 1981-2010		1017.3	19.8	14.1	16.9	11.3	18.1	17.2	W	9.9	9.7	////	47.7	230.1			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2µµ	WET ≥1.0µµ	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		20	17	0	0	6	7	0	0	12	2	0	4				
RECORDS FROM JANUARY 1947														RAINFALL	494.6 mm	SUNSHINE	1425.5 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	122	SUNLESS DAYS	27				
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	2003	YEAR	1955	WET DAYS	83						
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 AT GUERNSEY AIRPORT - SEPTEMBER 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
				at 9a.m.	MAX	MIN		MEAN	MIN		30cm	100cm				9a.m.	9a.m.
TUE	1	1020.3	17.6	13.3	15.5	11.4	17.4	16.9	320	10	8.8	18	NIL	12.7	Cloudy bec fair, fine by noon.		
WED	2	1020.3	16.3	11.8	14.1	8.4	17.3	16.9	330	06	7.4	16	NIL	12.4	Fine sunny day		
THU	3	1018.6	16.3	11.4	13.9	8.0	17.0	16.9	300	09	8.0	20	TR	5.8	Some fair intervals, but mostly cloudy. Good vis.		
FRI	4	1019.9	16.4	12.6	14.5	10.9	16.8	16.9	330	07	6.8	16	TR	5.8	Cldy am with isolated shower, fine pm		
SAT	5	1022.2	16.6	11.3	14.0	7.4	16.5	16.8	300	07	6.4	16	TR	5.0	Bec cldy after dawn with lt rain, clearing early pm then fair.		
SUN	6	1029.3	17.4	11.6	14.5	9.0	16.3	16.7	090	09	5.2	13	NIL	9.9	Cloudy soon bec fair then fine sunny day		
MON	7	1031.0	18.2	10.9	14.6	4.9	16.1	16.6	010	03	4.2	13	TR	11.2	Fair or Fine		
TUE	8	1027.0	18.0	11.9	15.0	9.0	16.3	16.5	100	11	9.6	22	TR	6.0	Cloudy am with isol shwrs bec fine pm		
WED	9	1019.2	19.7	13.2	16.5	11.3	16.5	16.5	080	16	11.6	24	NIL	9.9	Cloudy bec fine by mid am		
THU	10	1018.0	20.1	13.3	16.7	10.4	16.8	16.4	070	08	9.3	17	NIL	11.5	Fine.		
FRI	11	1012.5	17.7	15.0	16.4	13.0	17.1	16.5	170	08	8.5	19	0.8	0.7	Mainly cldy with a few bright i/vals pm. Isol v lt shwrs in evening		
SAT	12	1009.9	17.2	12.4	14.8	11.9	17.1	16.5	260	17	12.8	29	NIL	10.5	Slight rain/drzl earlt hours bec fine sunny day.		
SUN	13	1005.2	17.6	12.0	14.8	9.2	16.7	16.5	140	06	8.8	23	1.6	3.4	Fair prds bec cldy with rain mid pm. Isol shws evening		
MON	14	996.6	15.9	11.0	13.5	12.0	16.7	16.5	250	27	23.3	44	0.7	8.5	Showers throughout day cloudy to fair. Windy & gusty.		
TUE	15	1000.6	16.5	10.6	13.6	8.9	15.7	16.5	240	20	15.3	38	10.2	6.3	Fair bec cldy by mid-pm. Persistent rain through the evening		
WED	16	985.1	18.4	12.7	15.6	12.1	15.9	16.4	100	09	11.0	27	3.9	4.4	Cldy, with occ rain/drzl, thunderstorm late am, fair periods pm.		
THU	17	1001.9	16.7	13.3	15.0	11.5	16.1	16.3	270	10	12.7	24	4.3	7.1	Fair/fine with showers evening		
FRI	18	1011.8	16.8	12.9	14.9	11.7	16.0	16.2	270	15	12.7	26	0.3	5.9	Cloudy with shwrs, hvy at times, clearing to fair intervals		
SAT	19	1025.1	17.9	12.6	15.3	10.6	16.1	16.2	330	07	4.2	10	NIL	6.5	Some cloudier spells am, otherwise fair. Shallow fog late eve.		
SUN	20	1026.9	17.7	11.2	14.5	5.5	15.7	16.2	130	06	3.5	15	TR	10.4	Some shallow fog early, otherwise fair to fine.		
MON	21	1015.6	15.5	11.4	13.5	7.9	16.1	16.1	210	15	12.0	30	13.6	3.0	Rain/ drzl from dawn, clearing early pm, fair bec cldy late eve.		
TUE	22	1004.1	15.3	11.3	13.3	9.2	15.4	16.1	280	20	16.7	33	0.2	8.3	Cldy with hvy shwrs. Fair periods & shwrs during daytime.		
WED	23	1015.6	16.3	12.3	14.3	9.6	15.1	16.0	270	08	11.8	22	2.6	8.2	Fair prds bec cloudy at dusk. Light rain/drzl at times in evening.		
THU	24	1016.9	16.7	12.7	14.7	13.0	15.6	15.9	270	11	13.0	27	TR	5.9	Rain/drizzle at first became fair to fine.		
FRI	25	1024.0	16.5	11.4	14.0	7.5	15.6	15.8	310	04	5.1	12	NIL	6.7	Isolated shower am. Fair/fine		
SAT	26	1027.1	16.8	10.5	13.7	5.1	15.0	15.8	070	08	7.7	20	NIL	10.5	Fine sunny day		
SUN	27	1030.3	17.4	12.7	15.1	9.5	15.1	15.7	070	14	12.4	28	NIL	10.8	Early cloud clearing by dawn to fine		
MON	28	1033.3	17.7	12.2	15.0	8.4	15.1	15.7	090	15	13.4	28	NIL	10.8	Fine		
TUE	29	1031.3	16.9	12.7	14.8	9.7	15.0	15.6	080	14	15.5	37	NIL	10.6	Fine		
WED	30	1028.3	17.0	12.9	15.0	11.2	14.9	15.6	070	14	13.0	29	NIL	10.3	Fair or fine		
MEAN		1017.6	17.2	12.2	14.7	9.6	16.1	16.3	E	11.1	10.4	TOTAL	38.2	239.0			
30 YEAR AVE. 1981-2010		1017.2	18.0	12.9	15.4	9.8	16.3	16.5	W	11.1	10.8	////	57.5	180.1			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		≥0.2µµ	≥1.0µµ														
		10	6	0	0	1	1	0	0	0	0	0	0				
RECORDS FROM JANUARY 1947														RAINFALL	532.8 mm	SUNSHINE	1664.5 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	132	SUNLESS DAYS	27				
DAY/YEAR	20th/1949	YEAR	1997	DAY/YEAR	28th/1974	YEAR	1949	YEAR	1959	WET DAYS	89						
WETTEST MNTH	194.5mm	HIGHEST MAX	30.6°C	LOWEST GRASS	-1.0°C	COLDEST MNTH	12.8°C	DULLEST MNTH	104.5hrs								
YEAR	1952	DAY/YEAR	2nd/1961	DAY/YEAR	23rd/1979	YEAR	1986	YEAR	1956								

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm	hrs				
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
THU	1	1028.8	16.2	12.9	14.6	10.5	14.8	15.5	060	10	12.4	28	0.0	10.3	Fine bec cloudy late evening			
FRI	2	1023.5	17.2	12.3	14.8	9.4	14.6	15.4	060	13	10.3	24	0.0	10.1	Fine			
SAT	3	1015.8	16.7	10.8	13.8	5.5	14.4	15.3	030	04	3.0	11	0.0	4.8	Partly cloudy, fair periods. Rather hazy at times.			
SUN	4	1013.9	14.6	10.5	12.6	4.8	14.4	15.2	130	10	12.5	30	12.8	0.1	Cldy am with haze. Rain bec hvy late pm into evening.			
MON	5	1003.8	16.6	13.4	15.0	11.5	14.6	15.1	170	13	13.8	28	5.4	NIL	Cloudy with rain drizzle and hill fog.			
TUE	6	993.9	16.7	13.3	15.0	13.1	15.0	15.1	170	17	19.6	40	8.5	1.1	Cloudy with showers throughout day - hvy at times			
WED	7	1013.6	15.3	12.1	13.7	10.5	14.6	15.0	280	15	14.2	40	1.1	4.0	Some fair intervals. Isolated showers.			
THU	8	1022.2	16.8	9.5	13.2	10.2	14.5	15.1	360	02	3.3	10	1.1	5.9	Cloudy with showers bec fair then fine by evening.			
FRI	9	1022.3	15.0	8.2	11.6	3.2	14.2	15.0	080	08	7.7	20	0.0	6.9	Fine becoming cloudy			
SAT	10	1017.2	15.8	11.5	13.7	8.9	14.0	15.0	080	13	12.1	23	0.0	2.7	Hazy sunshine and high cloud			
SUN	11	1014.2	15.6	12.6	14.1	11.3	14.3	14.8	060	09	10.8	24	0.0	4.3	Fair or fine with sunny periods			
MON	12	1019.0	14.1	10.4	12.3	7.6	14.0	14.8	020	09	9.7	21	0.0	9.2	Fair or fine.			
TUE	13	1022.9	12.9	9.5	11.2	6.9	13.5	14.7	030	13	9.4	23	TR	4.1	Fair bec cloudy. Occasional dry air pm.			
WED	14	1024.4	12.7	9.4	11.1	5.8	13.2	14.6	020	08	8.1	21	0.3	4.1	Cloudy, occ fair with scattered light showers.			
THU	15	1020.4	12.6	9.3	11.0	7.0	12.9	14.5	010	09	6.3	20	0.5	1.4	Cloudy with scattered showers			
FRI	16	1022.1	13.5	9.8	11.7	7.0	12.8	14.4	010	10	7.7	18	TR	2.1	Some fair periods am otherwise cloudy with isol lt shwrs			
SAT	17	1020.6	13.5	10.2	11.9	9.4	13.0	14.3	030	06	6.9	18	TR	1.3	Mainly cloudy but fair ints late pm. V lt shwrs early & late			
SUN	18	1019.6	15.6	10.1	12.9	5.4	12.9	14.2	030	06	7.5	19	TR	1.4	Mainly cloudy, some bright intervals, odd lt shwr.			
MON	19	1023.6	14.6	7.6	11.1	2.6	12.7	14.1	020	06	6.7	18	1.1	4.8	Cloudy from mid-am with rain/shwrs. Bec fair early pm then fine.			
TUE	20	1028.5	14.5	9.3	11.9	7.4	12.8	14.0	350	08	5.9	16	1.1	6.3	Cloudy start but becoming fair or fine			
WED	21	1023.3	13.4	9.4	11.4	3.3	12.7	13.9	260	10	12.9	28	5.0	NIL	Overcast with rain & drizzle breif dry interval pm			
THU	22	1019.7	14.7	12.2	13.5	11.8	12.9	13.9	280	11	10.7	26	TR	0.4	Overcast drizzle am brief bright interval pm			
FRI	23	1022.6	13.1	11.4	12.3	9.9	13.0	13.8	190	07	6.1	16	TR	0.1	Overcast or cloudy all day			
SAT	24	1013.6	15.1	10.8	13.0	10.6	13.1	13.8	180	11	11.8	29	0.2	0.1	Cloudy a little rain excellent visibility later in day			
SUN	25	1026.8	13.6	8.1	10.9	0.2	12.5	13.8	090	02	7.2	21	0.0	8.6	Mainly fair with good visibility.			
MON	26	1011.3	15.0	10.7	12.3	6.3	12.4	13.7	130	15	13.7	25	1.5	4.7	Mainly cloudy some sunny intervals late am/pm			
TUE	27	1006.0	13.8	12.1	13.5	12.4	12.9	13.6	140	16	9.3	27	2.2	NIL	Cloudy, outbreaks of rain clearing late pm.			
WED	28	1007.3	14.5	11.6	13.1	9.5	12.8	13.6	150	10	11.3	23	TR	6.9	Mild sunny day			
THU	29	1010.3	14.5	11.7	13.1	11.0	13.1	13.6	170	21	11.5	32	4.4	NIL	Cloudy with rain, drizzle & mist			
FRI	30	1016.2	15.2	13.1	13.2	9.0	13.3	13.5	160	12	12.8	29	0.3	NIL	Cloudy with rain, clearing late morning.			
SAT	31	1018.5	16.9	13.1	15.0	11.0	13.3	13.6	130	13	11.0	21	0.0	9.0	Fair or fine.			
MEAN		1017.6	14.8	10.9	12.8	8.2	13.5	14.4	N	10.2	9.9	TOTAL	45.5	114.7				
30 YEAR AVE. 1981-2010		1014.8	15.1	10.8	13.0	8.1	13.6	14.6	W	12.4	12.4	////	95.0	117.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		≥0.2µµ	≥1.0µµ															
		15	11	0	0	0	0	0	0	1	0	0	5					
RECORDS FROM JANUARY 1947															RAINFALL	578.3 mm	SUNSHINE	1779.2 hrs
WETTEST DAY	59.1mm	DRIEST MONTH	3.4mm	LOWEST MIN	3.5°C	WARMEST MNTH	15.2	SUNNIEST MNTH	176.4hrs	RAIN DAYS	147	SUNLESS DAYS	32					
DAY/YEAR	12th/2014	YEAR	1978	DAY/YEAR	28th/2003	YEAR	2001/06	YEAR	1971	WET DAYS	100							
WETTEST MNTH	233.9mm	HIGHEST MAX	23.6°C	LOWEST GRASS	-4.0°C	COLDEST MNTH	9.6°C	DULLEST MNTH	72.6hrs									
YEAR	1960	DAY/YEAR	1st/2011	DAY/YEAR	30th/1983	YEAR	1974	YEAR	1968									

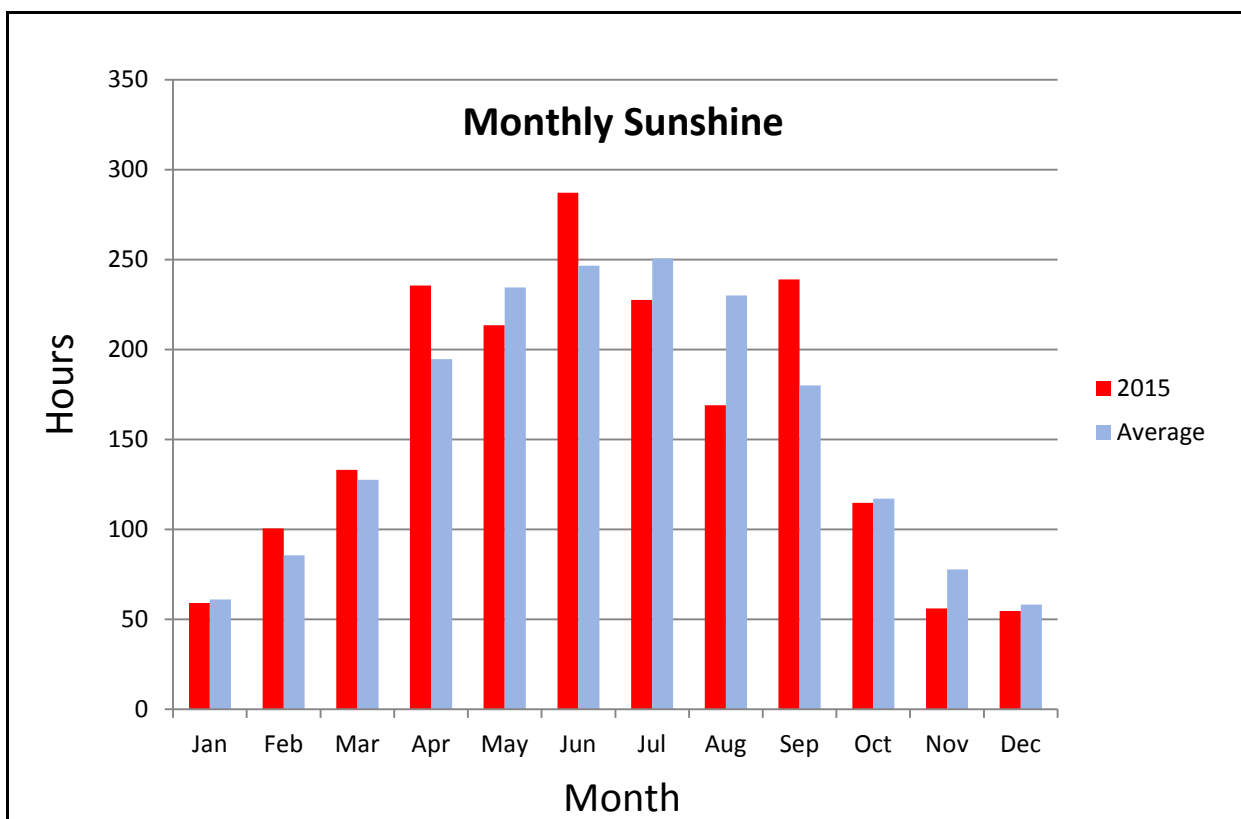
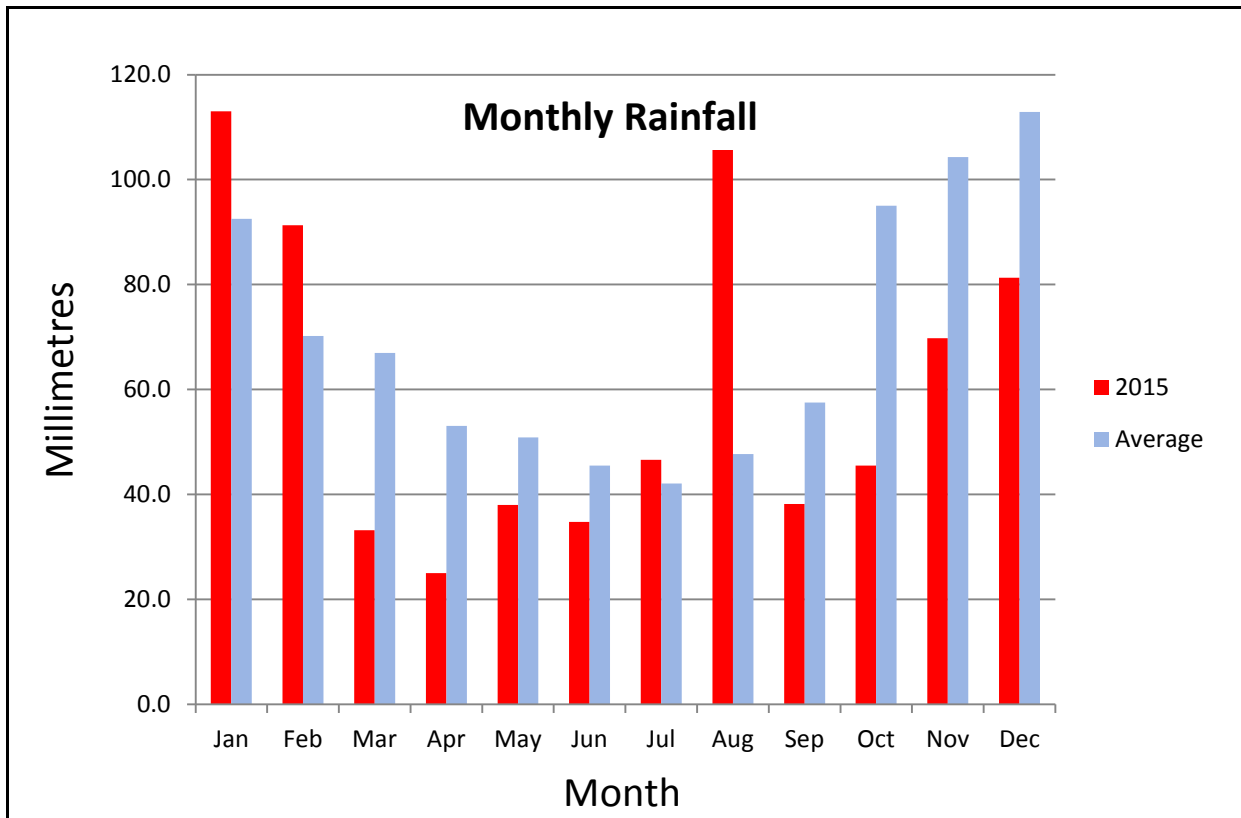
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - NOVEMBER 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER		
			mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)						
			at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm		hrs	
SUN	1	1027.9	18.0	11.7	14.9	8.0	13.2	13.6	140	06	6.5	15	0.0	8.9	Fine		
MON	2	1022.8	16.1	10.9	13.5	5.8	12.9	13.6	80	08	8.4	20	0.4	9.1	Fine		
TUE	3	1012.8	14.2	12.2	13.2	7.4	12.9	13.6	130	15	9.2	21	0.6	1.4	Cloudy with rain & drizzle, fair for a time pm, cloudy eve		
WED	4	1014.3	14.5	12.4	13.5	9.5	13.0	13.5	230	10	8.2	17	3.3	NIL	Mainly cloudy light rain am, moderate pm		
THU	5	1013.3	14.9	13.7	14.3	12.3	13.3	13.5	180	14	15.4	29	9.8	NIL	Cloudy with rain & drizzle fog pm		
FRI	6	1015.5	16.1	13.2	14.7	12.4	13.5	13.5	180	12	14.3	30	1.0	NIL	Overcast with rain & drizzle, fog banks pm		
SAT	7	1018.9	16.6	12.5	14.5	14.2	13.9	13.6	170	20	13.5	33	0.3	0.4	Early fog, cloudy rain & drizzle, clearing early pm		
SUN	8	1022.2	15.9	11.1	13.5	7.0	13.6	13.6	170	17	14.1	29	0.3	0.3	Mainly cloudy, rain & drizzle late evening		
MON	9	1027.1	14.8	11.5	13.1	8.6	13.6	13.7	240	20	19.2	32	0.0	7.6	Fair to fine day with good sunny periods		
TUE	10	1026.7	14.0	13.0	13.5	12.3	13.4	13.7	240	18	16.5	30	0.0	0.2	Cloudy occ bright interval		
WED	11	1024.6	14.2	12.8	13.5	11.4	13.2	13.7	220	11	12.0	24	TR	0.1	Cloudy occ shower, rain & drizzle evening time		
THU	12	1023.8	14.7	12.9	13.8	11.7	13.2	13.6	190	11	13.2	30	0.6	1.9	Cloudy with rain heavy late evening		
FRI	13	1024.4	14.4	10.4	12.4	8.7	13.1	13.6	230	21	18.8	42	0.6	5.0	Fine at first with sunny ints, cloudier spells with occ showers		
SAT	14	1028.8	13.6	10.7	12.1	8.1	12.4	13.6	220	17	21.3	41	0.2	NIL	Cloudy rain at times windy		
SUN	15	1020.0	13.8	12.8	13.3	12.4	12.6	13.5	230	23	21.7	39	5.4	NIL	Cloudy occ slight rain early am		
MON	16	1014.3	13.7	12.5	13.1	11.5	12.7	13.4	270	13	16.9	39	5.5	0.2	Cloudy rain & drizzle, fog patches, rain eve again		
TUE	17	1010.7	15.2	13.2	14.2	11.9	13.0	13.3	230	18	24.5	46	2.6	NIL	Cloudy rain & drizzle, mist clearing mid pm, windy		
WED	18	1017.4	15.0	12.5	13.7	10.8	12.9	13.3	210	21	22.1	38	2.0	2.9	Cloudy some sunny intervals occ rain or drizzle pm		
THU	19	1017.5	14.5	10.9	12.7	10.3	12.9	13.3	200	08	18.5	42	19.0	NIL	Cloudy with rain & drizzle fog am		
FRI	20	1012.1	12.6	8.6	10.6	8.9	12.7	13.4	340	06	11.3	37	7.9	NIL	Rain persistent till early pm, hvy at times, then fair occ showers		
SAT	21	1009.8	9.5	5.0	7.3	3.2	11.2	13.3	340	26	19.6	43	0.1	4.5	Showers with hail clearing am, sunny intervals, windy, dry air		
SUN	22	1014.3	10.2	4.8	7.5	2.4	10.3	13.1	000	00	5.6	22	TR	2.8	Cloudy isolated showers		
MON	23	1025.7	10.0	4.8	7.4	-1.2	10.0	12.9	140	02	6.6	24	3.4	4.8	Fair light showers rain		
TUE	24	1016.5	11.8	9.0	10.4	6.9	10.4	12.7	290	15	16.5	33	0.6	0.3	Cloudy with rain & drizzle at first, then isolated showers		
WED	25	1015.7	12.7	10.6	11.7	9.0	10.7	12.5	310	17	16.2	30	TR	2.3	Cloudy with showers		
THU	26	1021.8	12.2	9.6	10.9	8.7	10.9	12.4	360	10	7.8	24	1.5	1.3	Cloudy with occ rain, drizzle or showers, some bright periods		
FRI	27	1016.3	12.1	8.3	10.2	9.2	11.2	12.3	230	13	15.5	44	1.8	0.3	Cloudy day, with rain, heavy at times, drizzle & fog		
SAT	28	1020.2	11.6	7.2	9.4	4.6	10.6	12.3	260	10	21.5	45	2.6	1.5	Showers, some sun, gale evening time		
SUN	29	1017.4	13.0	10.2	11.6	8.3	10.7	12.2	250	27	28.6	49	0.2	0.1	Cloudy day occ shower, very windy, gale mid morning		
MON	30	1023.8	13.1	11.4	12.3	10.0	11.0	12.2	240	23	25.8	45	0.1	0.1	Cloudy occ shower or rain & drizzle, remaining very windy		
MEAN		1019.2	13.8	10.7	12.2	8.8	12.3	13.2	SW	14.4	15.6	TOTAL	69.8	56.0			
30 YEAR AVE. 1981-2010		1015.3	11.8	8.1	9.9	5.3	10.5	12.1	SW	12.8	13.0	/////	104.3	77.8			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		≥0.2μm	≥1.0μm														
		22	13	0	1	0	0	0	1	6	1	2	8				
RECORDS FROM JANUARY 1947														RAINFALL 648.1 mm		SUNSHINE 1835.2 hrs	
WETTEST DAY	39.4mm	DRIEST MONTH	16.1mm	LOWEST MIN	-0.8°C	WARMEST MNTH	12.2°C	SUNNIEST MNTH	123.6hrs								
DAY/YEAR	15th/1975	YEAR	1978	DAY/YEAR	28th/2010	YEAR	2015	YEAR	2006								
WETTEST MNTH	234.7mm	HIGHEST MAX	18.0°C	LOWEST GRASS	-5.6°C	COLDEST MNTH	7.7°C	DULLEST MNTH	35.9hrs								
YEAR	2009	DAY/YEAR	1st/2015	DAY/YEAR	29th/1987	YEAR	1993	YEAR	1994								
														RAIN DAYS	169	SUNLESS DAYS	40
														WET DAYS	113		

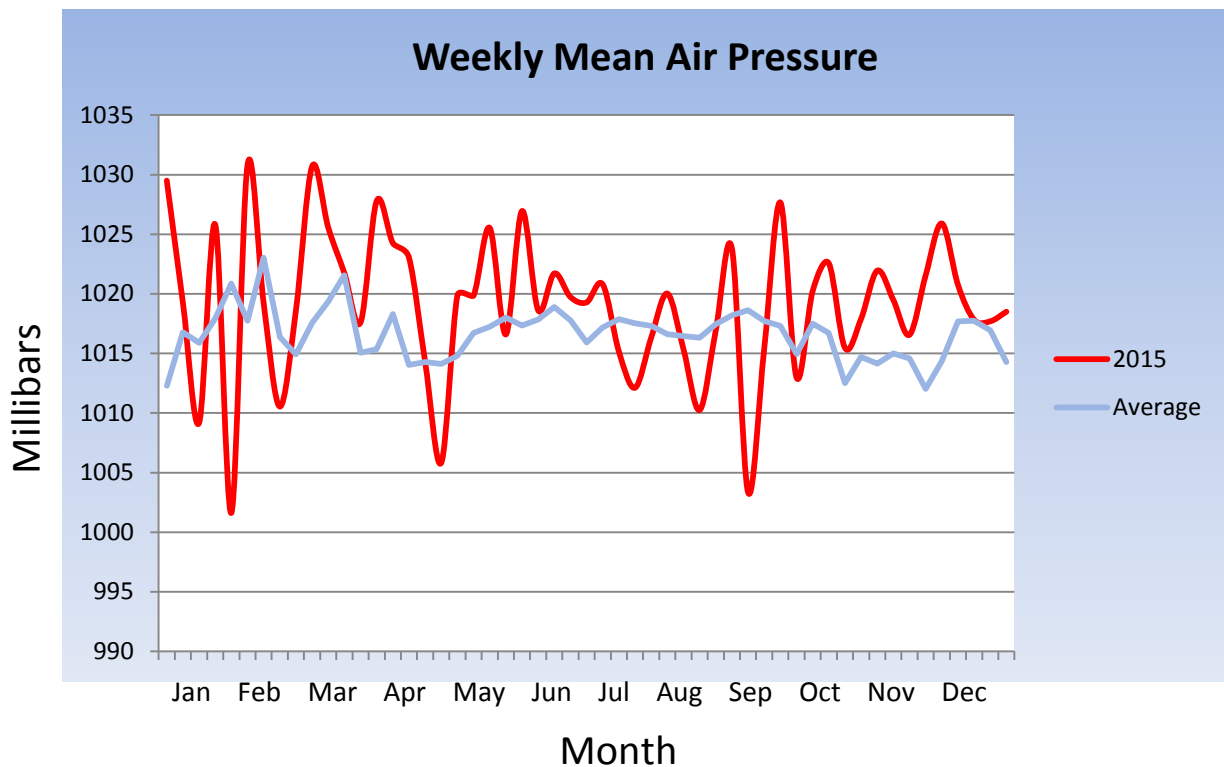
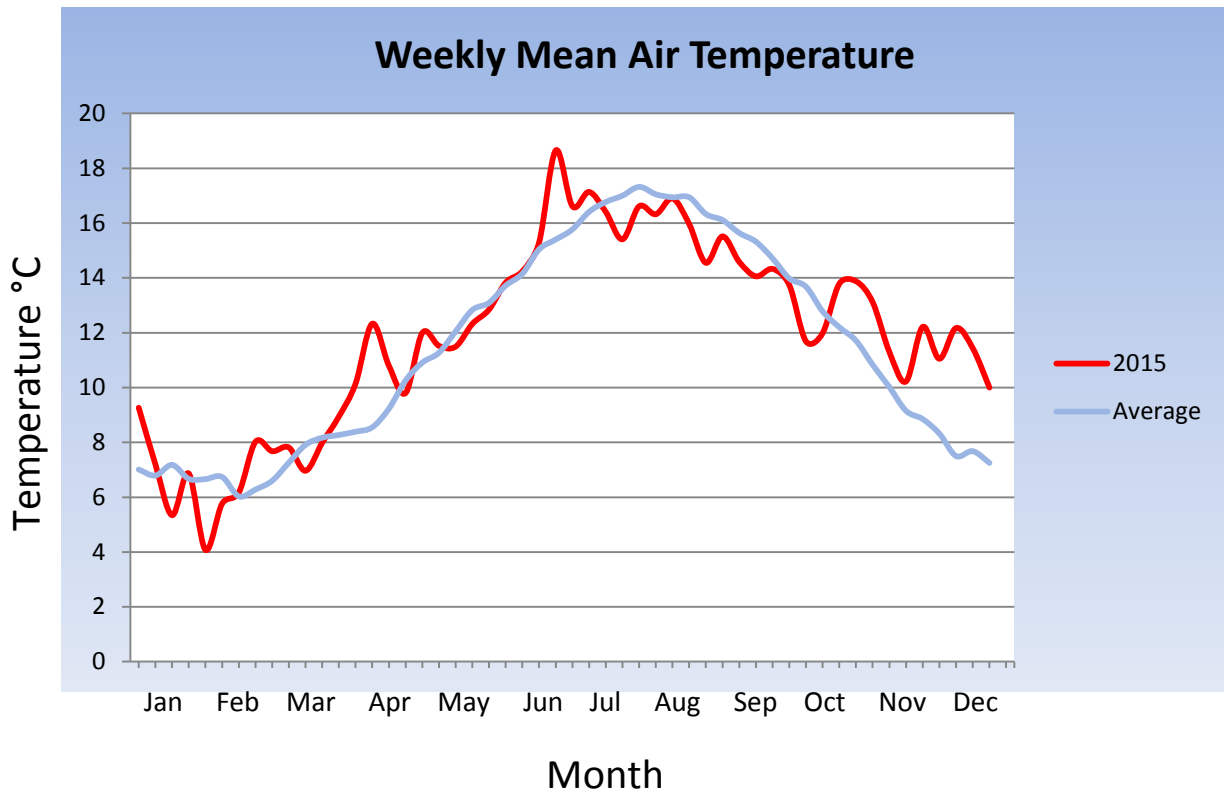
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - DECEMBER 2015

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER					
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)										
			mb	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm		hrs				
TUE	1	1027.5	13.7	12.2	12.9	11.3	11.3	12.1	240	20	17.0	34	TR	0.6	Mainly cloudy, occ drizzle, some bright intervals					
WED	2	1025.1	13.3	11.8	12.5	9.9	11.3	12.1	190	15	14.2	28	0.0	0.5	Cloudy. Some bright intervals early pm.					
THU	3	1023.3	13.3	11.3	12.3	10.0	11.3	12.1	180	16	17.8	37	0.4	NIL	Cloudy with rain late pm.					
FRI	4	1031.8	13.7	9.0	11.3	6.8	11.2	12.2	250	11	16.5	33	0.0	5.6	Cloudy becoming fair, good sunny intervals.					
SAT	5	1025.9	12.6	10.2	11.4	8.9	11.0	12.2	210	21	20.9	39	TR	NIL	Cloudy. Some bright intervals early pm.					
SUN	6	1019.4	14.0	11.4	12.7	10.4	11.1	12.1	210	17	15.3	33	TR	0.8	Cloudy, few outbreaks of light rain or drizzle.					
MON	7	1024.8	13.1	11.4	12.3	10.3	11.4	12.1	140	15	14.7	28	4.1	4.7	Cloudy am with low cloud/mist. Fine pm. Rain late eve.					
TUE	8	1022.4	13.0	8.6	10.8	10.0	11.4	12.1	220	12	16.1	35	0.5	4.0	Rain early, heavy for a time, then fair/fine scattered showers					
WED	9	1037.0	11.7	7.9	9.8	4.5	10.8	12.1	210	14	13.8	28	0.0	6.2	Early light showers, otherwise fine. High cloud afternoon.					
THU	10	1029.1	12.4	10.4	11.4	8.3	10.6	12.1	190	18	17.3	31	3.8	0.4	Cloudy. A little light rain lunchtime.					
FRI	11	1025.7	12.6	10.4	11.5	9.9	10.9	12.0	240	06	13.9	33	8.1	1.3	Rain/drizzle most of day, occn heavy.Hill fog patches pm.					
SAT	12	1023.0	13.0	9.5	11.3	8.1	11.1	11.9	200	16	14.7	31	0.0	6.2	Mainly cloudy, becoming brighter with sunny intervals.					
SUN	13	1019.7	11.4	9.3	10.3	6.7	11.0	11.9	170	05	8.9	22	0.0	NIL	Cloudy.					
MON	14	1013.9	11.3	8.0	9.7	8.0	10.8	11.9	130	16	13.3	23	2.6	NIL	Cloudy, rain at times, haze/mist.					
TUE	15	1015.0	13.3	11.0	12.1	9.6	10.9	11.0	170	17	13.8	29	12.0	NIL	Cloudy with rain at timesfrom mid pm to late pm.					
WED	16	1022.4	13.9	12.6	13.3	11.1	11.7	11.8	240	19	14.0	32	0.4	NIL	Cloudy with rain, drizzle at times. Fog pm.					
THU	17	1018.6	13.5	11.5	12.5	9.9	11.5	11.8	180	13	12.8	24	0.5	NIL	High cloud encroaching by dawn, rain early pm, clearing mid pm.					
FRI	18	1021.3	13.0	11.4	12.2	8.7	11.5	11.9	180	11	11.3	22	TR	2.6	Some fair intervals pm, otherwise rather cloudy.					
SAT	19	1014.3	14.4	12.8	13.6	10.8	11.7	11.9	160	17	16.2	30	0.0	0.2	Cloudy and mild.					
SUN	20	1012.9	13.9	9.8	11.9	10.1	11.7	12.0	210	11	16.1	34	6.7	1.9	Cloudy occ shower. Some bright intervals					
MON	21	1019.6	12.8	6.6	9.7	3.0	11.1	12.0	210	19	19.3	40	14.8	1.0	Cloudy with mist, fog, rain violent at times & drizzle					
TUE	22	1018.8	13.6	10.4	12.0	12.3	11.5	11.9	210	17	18.5	36	8.5	NIL	Cloudy with rain, heavy at times during evening					
WED	23	1023.9	11.9	10.0	10.9	7.1	11.5	11.9	240	16	17.4	37	TR	5.5	Fair to fine day, showers early am.					
THU	24	1010.9	12.3	8.2	10.3	8.5	11.2	12.0	190	22	19.5	38	4.8	1.2	Cloudy with rain heavy at times, then some bright intervals PM.					
FRI	25	1020.7	14.1	9.4	11.7	6.0	10.8	11.9	180	13	15.5	31	0.2	0.3	Cloudy with drizzle or rain at times					
SAT	26	1022.9	13.6	12.5	13.1	11.3	11.3	11.9	170	14	15.1	28	0.0	2.0	Cloudy with few bright intervals pm.					
SUN	27	1022.7	13.7	11.0	12.4	9.9	11.4	11.9	200	18	14.0	27	0.0	0.3	Cloudy some midday sun.					
MON	28	1015.0	13.1	10.4	11.7	8.0	11.1	11.9	150	16	16.6	31	0.6	0.1	Cloudy with high cloud, then rain/drizzle eve					
TUE	29	1019.1	12.2	9.4	10.8	7.1	11.1	11.9	220	15	16.8	33	0.1	6.0	Fair with sunny intervals, becoming cloudy with rain or drizzle					
WED	30	1011.0	12.7	8.6	10.7	8.6	11.0	11.8	160	31	23.1	50	11.1	NIL	Cloudy with rain heavy at times. Hail. Very windy					
THU	31	1016.4	11.5	7.5	9.5	5.4	10.5	11.8	210	19	19.7	49	2.1	3.3	Cloudy with showers heavy at times, hail, some sunny intervals					
MEAN		1021.1	13.0	10.1	11.6	8.7	11.2	11.9	S	15.8	15.9	TOTAL	81.3	54.7						
30 YEAR AVE. 1981-2010		1016.4	9.5	6.0	7.7	3.4	8.0	9.6	SW	13.5	13.7	////	112.9	58.2						
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN	WET	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE						
		≥0.2μμ	≥1.0μμ																	
		17	11	0	2	0	0	0	0	5	0	0	9							
RECORDS FROM JANUARY 1947															RAINFALL		729.4 mm	SUNSHINE		1889.9 hrs
WETTEST DAY	42.9	DRIEST MONTH	28.1mm	LOWEST MIN		-3.8°C	WARMEST MNTH	11.6°C	SUNNIEST MNTH		108.9hrs	RAIN DAYS	186	SUNLESS DAYS		49				
DAY/YEAR	4th/2010	YEAR	1953	DAY/YEAR		24th/1963	YEAR	2015	YEAR		2001	WET DAYS	124							
WETTEST MNTH	249.6mm	HIGHEST MAX	15.6°C	LOWEST GRASS		-8.9°C	COLDEST MNTH	4.4°C	DULLEST MNTH		26.6hrs									
YEAR	1999	DAY/YEAR	6th/1953	39th/1964, 27th/1995			YEAR	2010	YEAR		1966									

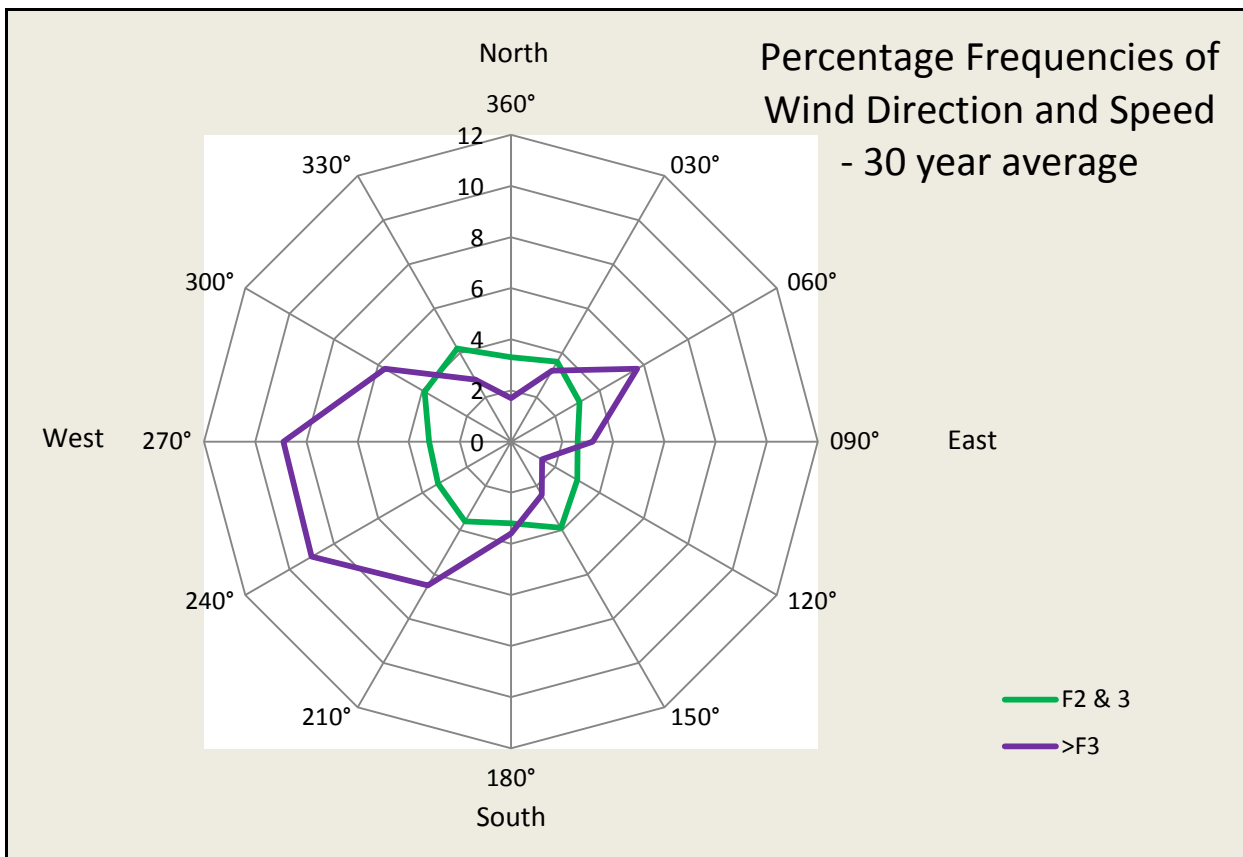
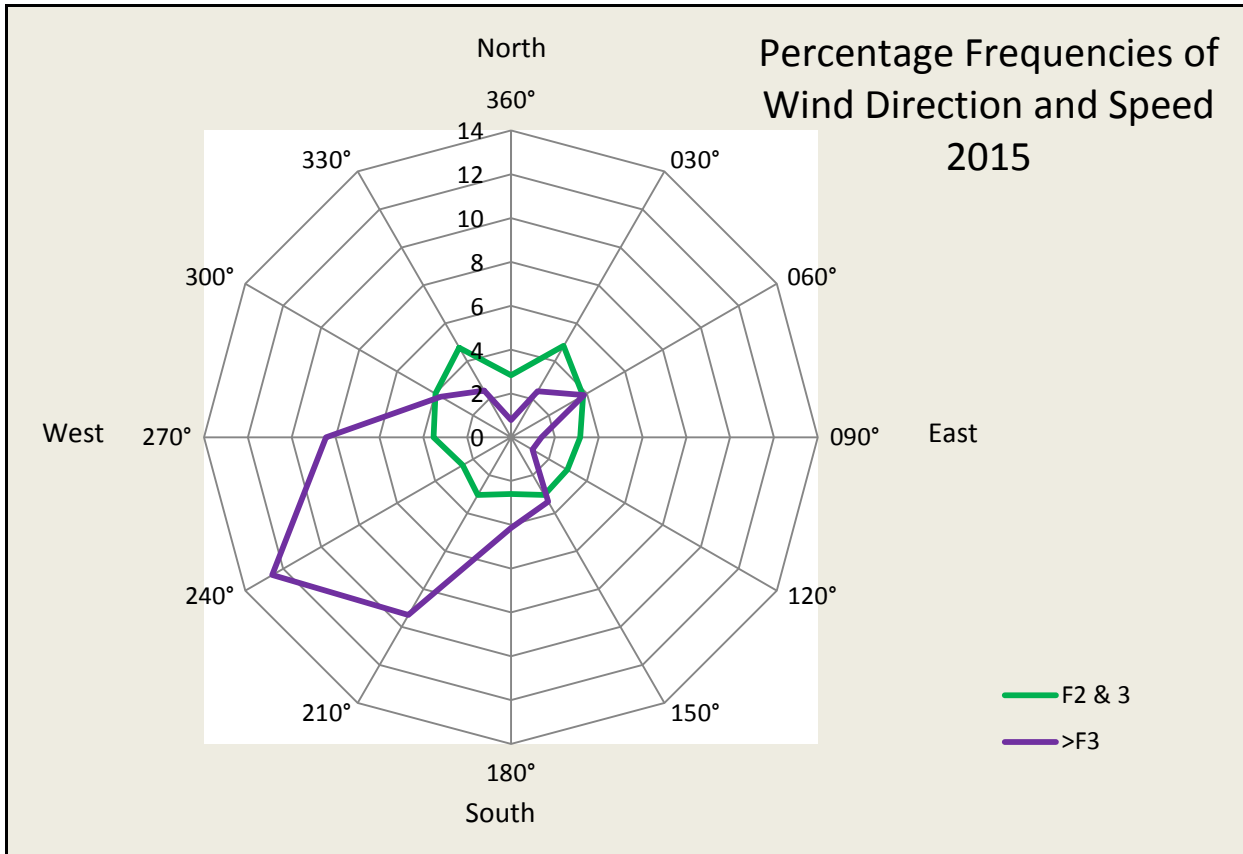
Guernsey Met Office



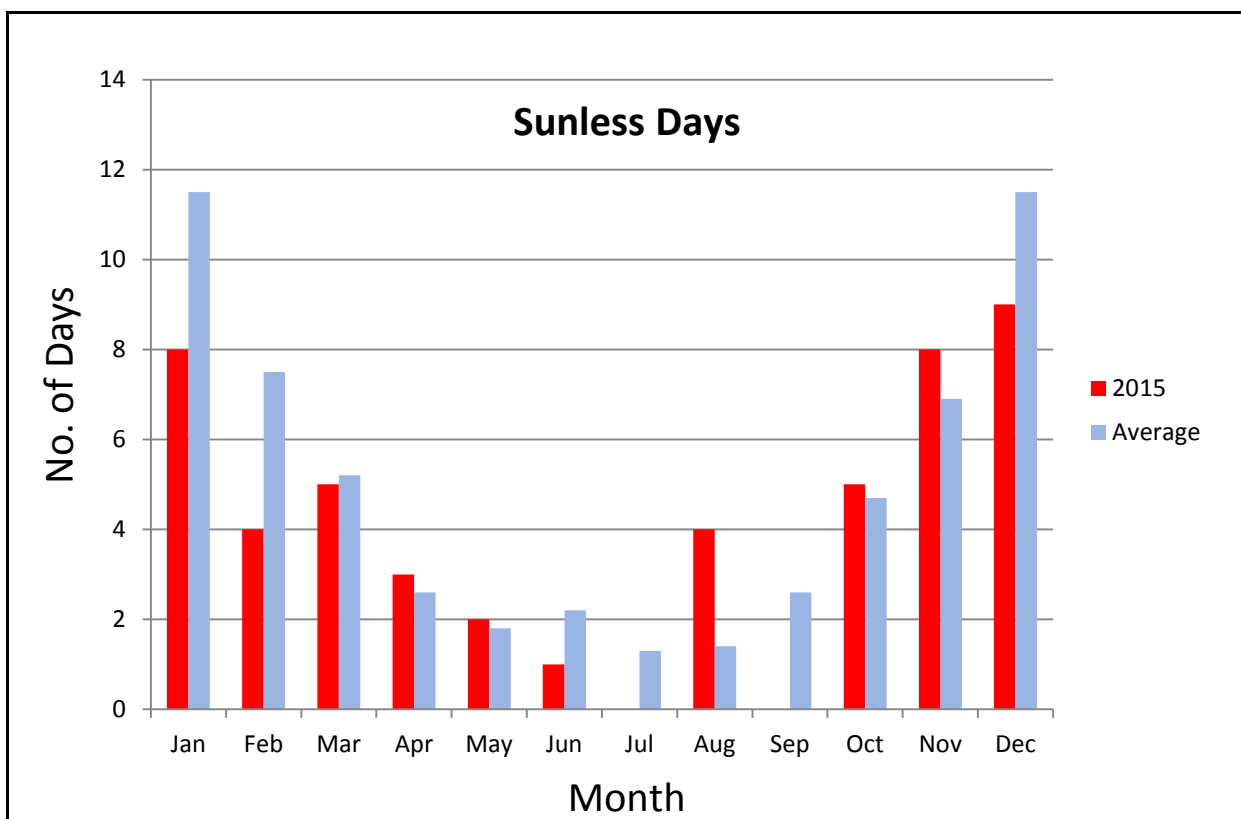
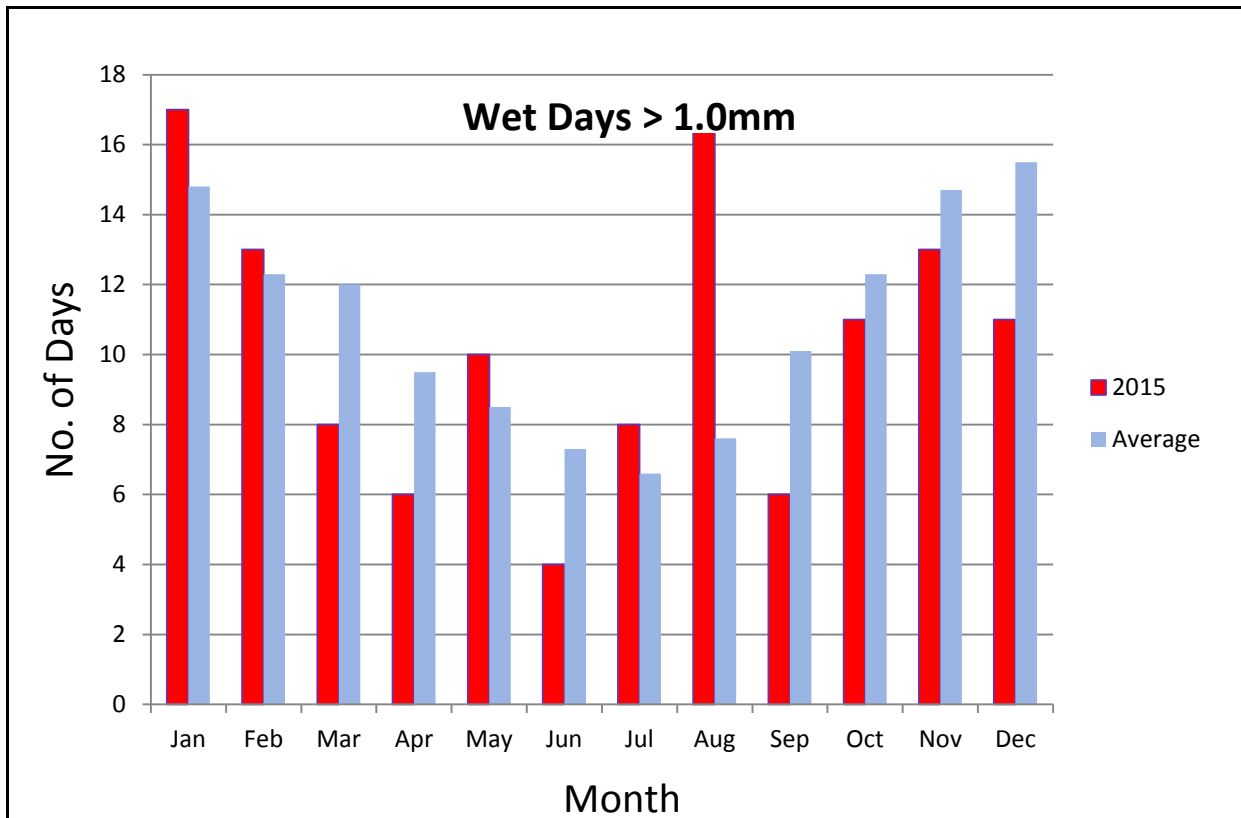
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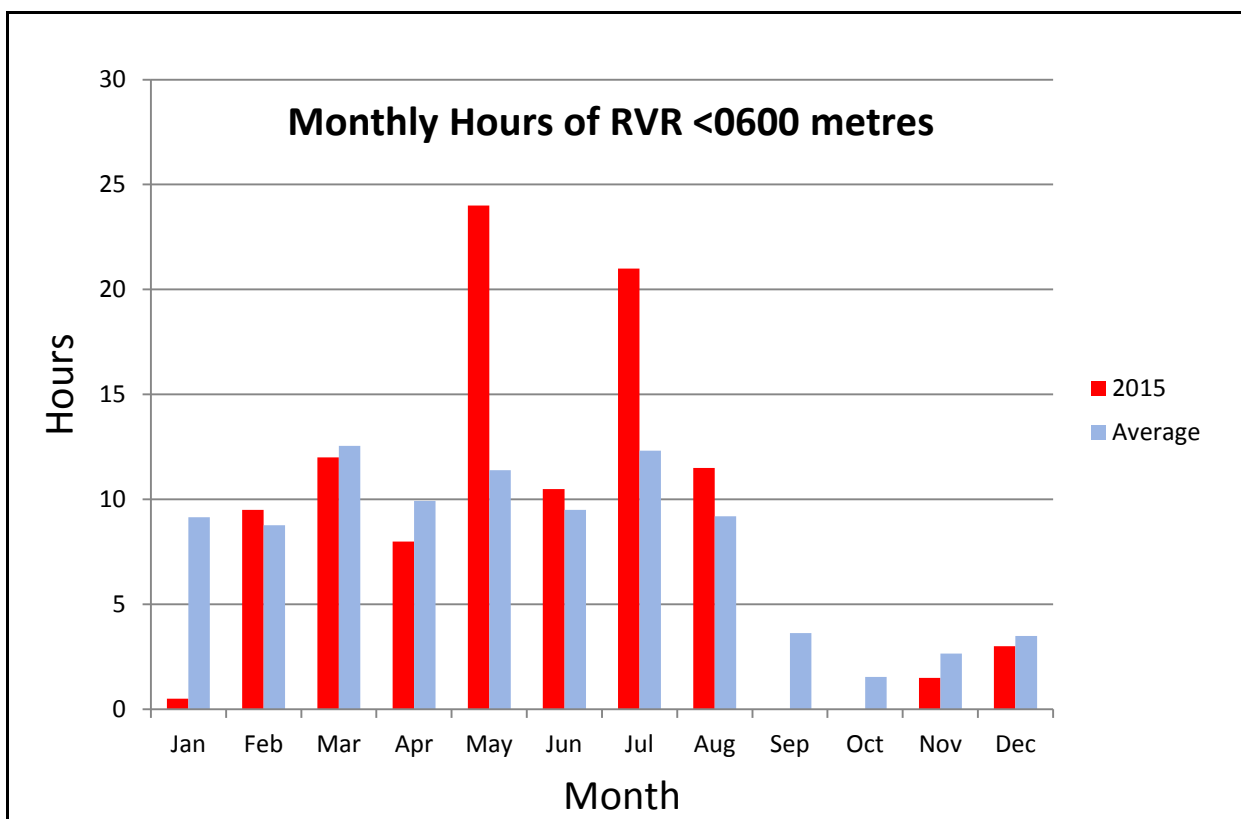
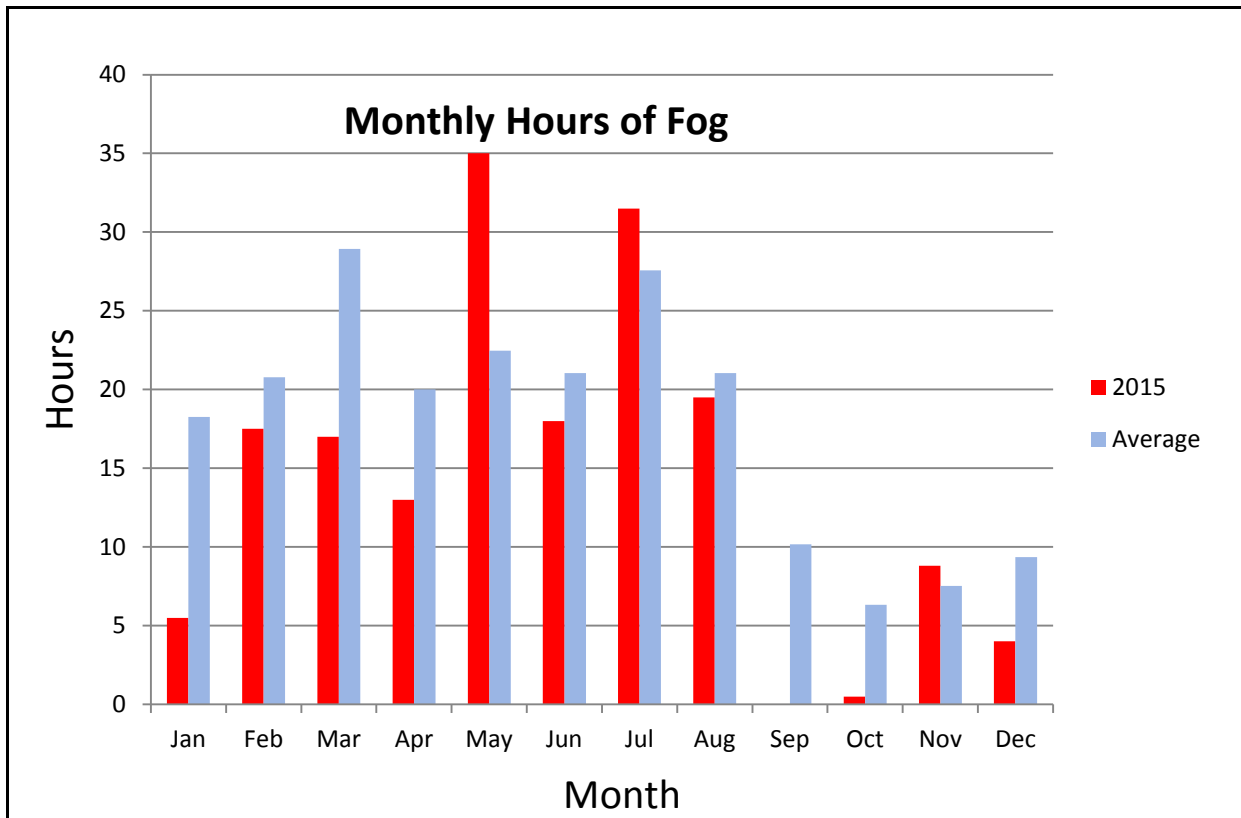
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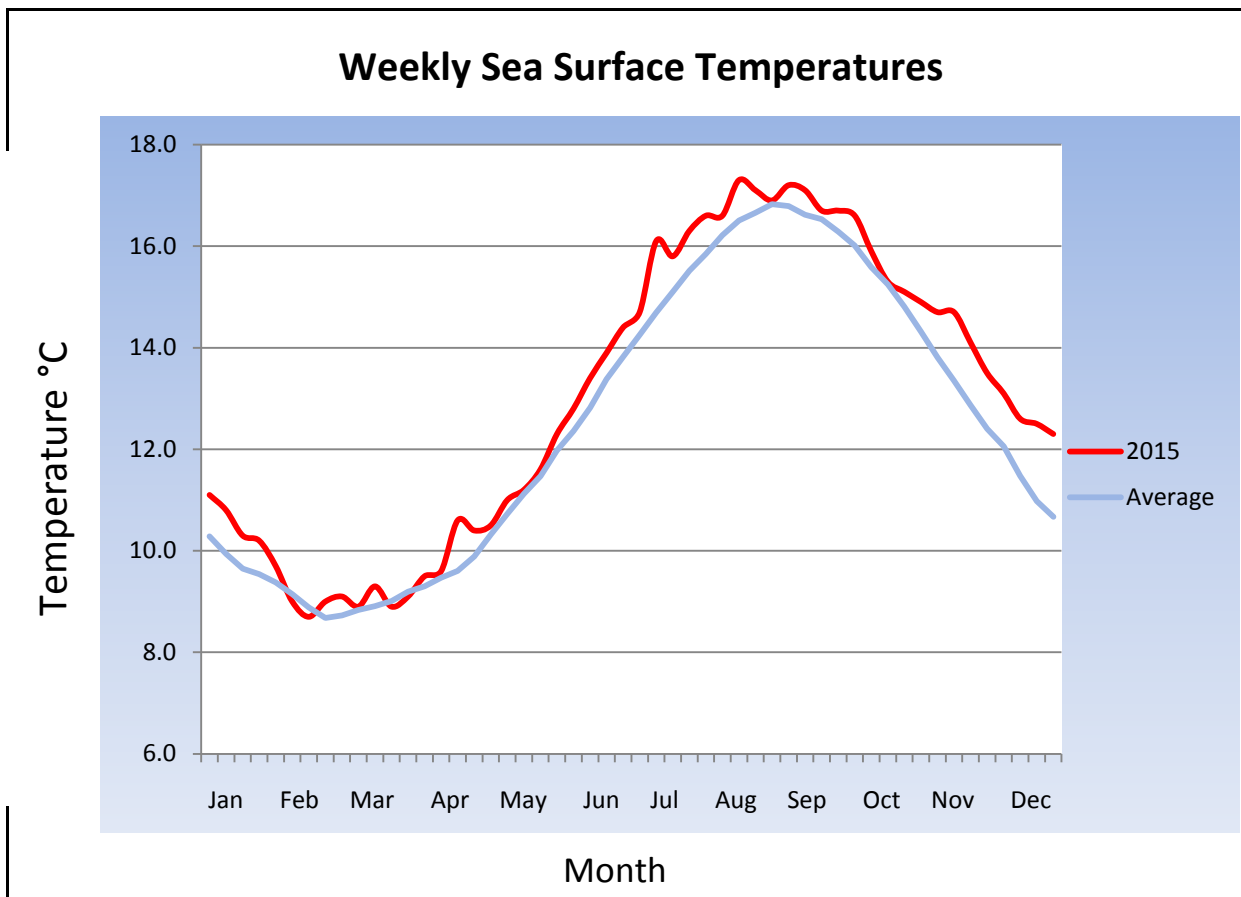
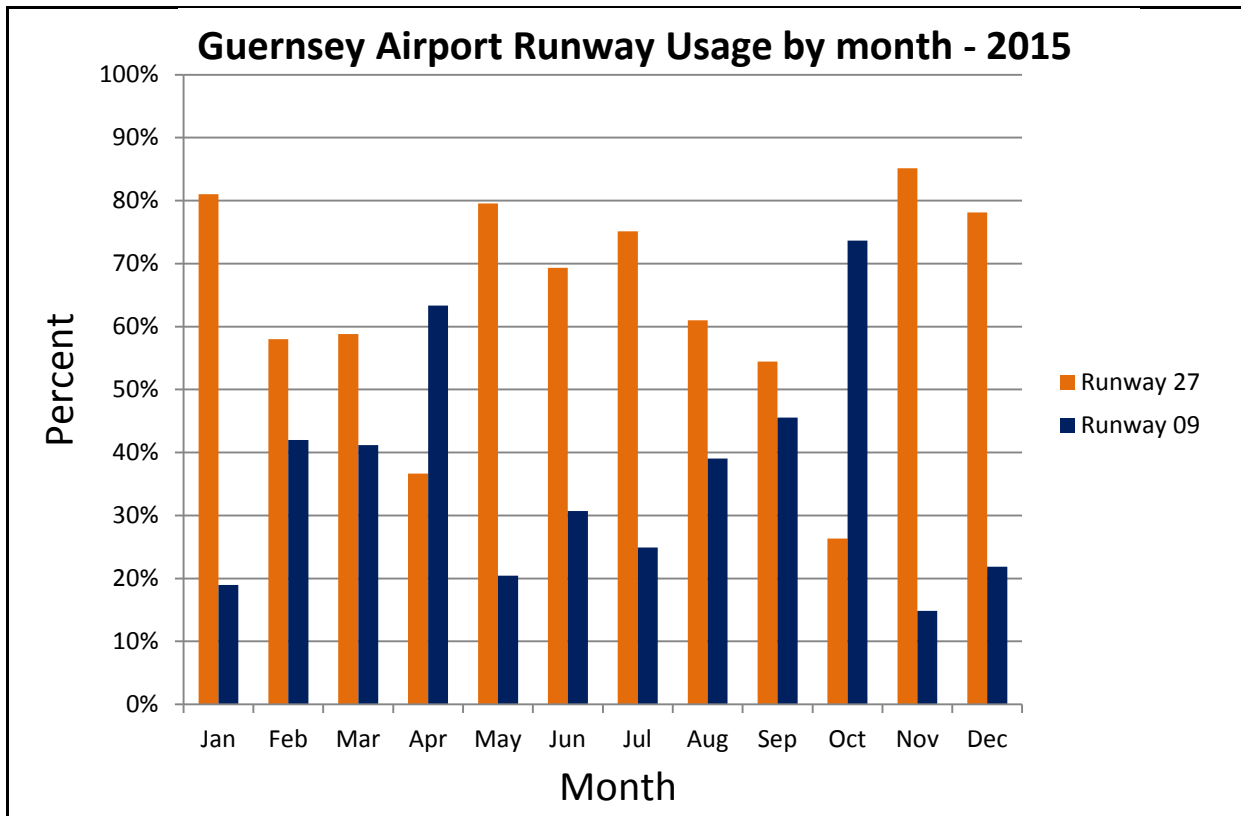
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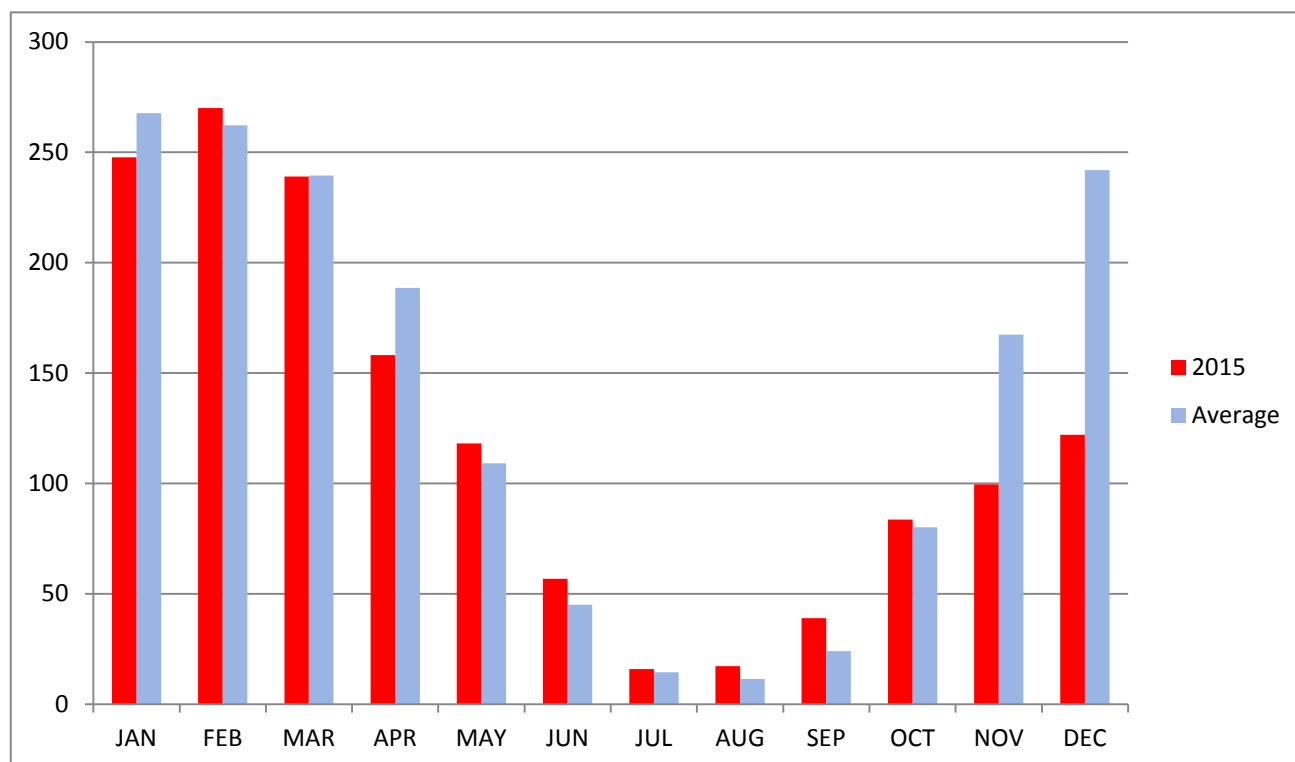
Degree Days

Monthly accumulated Degree Days below 15.5°C

(Average figures use data from 1981 - 2010)

	2015	Average
JAN	247.8	267.7
FEB	270	262.3
MAR	239	239.5
APR	158.1	188.6
MAY	118.2	109.1
JUN	56.8	45.1
JUL	16	14.5
AUG	17.3	11.4
SEP	39	24.0
OCT	83.6	80.2
NOV	99.6	167.5
DEC	122	242.0
YEAR	1467.4	1651.9

Accumulated Degree Days



Guernsey Met Office

2016 SUMMER WEEKEND TIDES - ST. PETER PORT

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

Day	Month	High Water				Low Water			
		Time	Height (m)	Time	Height (m)	Time	Height (m)	Time	Height (m)
Sun 01	May	01:17	7.2	14:09	7.1	08:00	3.3	20:37	3.5
Sat 07	May	07:43	9.8	20:05	9.9	01:45	0.6	14:08	0.5
Sun 08	May	08:30	9.9	20:49	9.9	02:32	0.4	14:53	0.5
Sat 14	May	00:38	7.3	13:30	7.0	07:21	3.1	19:47	3.7
Sun 15	May	01:51	7.0	14:49	6.9	08:37	3.5	21:07	3.7
Sat 21	May	07:08	8.6	19:27	8.8	01:10	2.0	13:30	1.9
Sun 22	May	07:44	8.7	20:02	8.8	01:46	1.8	14:03	1.8
Sat 28	May	11:30	7.7	23:52	7.7	05:24	2.7	17:44	3.0
Sun 29	May	12:29	7.5			06:21	2.9	18:46	3.2
Sat 04	June	06:34	9.1	18:58	9.4	00:34	1.4	12:59	1.2
Sun 05	June	07:25	9.4	19:46	9.6	01:26	1.0	13:49	0.9
Sat 11	June	11:53	7.7			05:55	2.5	18:10	3.0
Sun 12	June	00:05	7.6	12:44	7.2	06:44	3.0	19:02	3.4
Sat 18	June	05:55	7.9	18:19	8.2	12:17	2.5		
Sun 19	June	06:38	8.2	18:59	8.5	00:37	2.3	12:27	2.2
Sat 25	June	10:33	8.4	22:51	8.5	04:32	1.9	16:48	2.3
Sun 26	June	11:19	8.1	23:39	8.2	05:16	2.2	17:34	2.5
Sat 02	July	05:19	8.3	17:47	8.6	11:46	2.0		
Sun 03	July	06:18	8.7	18:41	9.0	00:17	1.8	12:42	1.7
Sat 09	July	10:44	8.4	22:53	8.4	04:49	1.8	17:01	2.2
Sun 10	July	11:20	8.0	23:30	7.9	05:25	2.3	17:36	2.7
Sat 16	July	04:26	7.2	16:59	7.5	10:49	3.3	23:16	3.0
Sun 17	July	05:22	7.5	17:49	7.9	11:42	2.9		
Sat 23	July	09:41	9.0	21:57	9.2	03:43	1.3	15:59	1.6
Sun 24	July	10:21	8.9	22:39	9.0	04:23	1.4	16:39	1.7
Sat 30	July	03:58	7.6	16:32	7.8	10:27	2.8	23:07	2.7
Sun 31	July	05:10	7.9	17:36	8.3	11:35	2.5		
Sat 06	August	09:43	9.0	21:52	9.0	03:49	1.3	16:01	1.6
Sun 07	August	10:15	8.7	22:23	8.6	04:21	1.7	16:32	2.0
Sat 13	August	02:20	6.7	15:11	6.8	08:56	3.9	21:35	3.8
Sun 14	August	03:45	6.8	16:24	7.2	10:10	3.7	22:44	3.3
Sat 20	August	08:45	9.4	21:02	9.7	02:47	0.9	15:06	1.0
Sun 21	August	09:25	9.5	21:42	9.7	03:38	0.8	15:46	1.0
Sat 27	August	02:16	7.2	15:00	7.2	08:48	3.4	21:41	3.4
Sun 28	August	03:52	7.3	16:24	7.6	10:19	3.2	23:01	2.9
Sat 03	September	08:41	9.3	20:53	9.4	02:48	1.2	15:02	1.3
Sun 04	September	09:14	9.1	21:24	9.1	03:21	1.4	15:33	1.5
Sat 10	September	00:07	6.9	12:42	6.8	06:27	4.0	19:13	4.0
Sun 11	September	01:19	6.6	14:14	6.7	08:01	4.2	20:53	4.0
Sat 17	September	07:42	9.5	20:01	9.9	01:43	1.0	14:05	1.0
Sun 18	September	08:24	9.8	20:43	10.1	02:27	0.6	14:47	0.7
Sat 24	September	00:33	7.5	13:08	7.3	07:00	3.3	19:46	3.5
Sun 25	September	02:04	7.0	14:46	7.1	08:33	3.7	21:32	3.5

Astronomical events in 2016

as seen from Guernsey

By David Le Conte

This leap year's main highlights are undoubtedly a transit of Mercury on 09 May, and the opposition of Mars in the same month. In January there will be the possible observation of a comet.

PLANETS

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

Date	Elongation	Direction to look	Time	Comments
07 February	26° Western	Low in East	Before sunrise	Too low
18 April	20° Eastern	Low in West	After sunset	
05 June	24° Western	Low in East	Before sunrise	Too low
16 August	27° Eastern	Low in West	After sunset	Too low
28 September	18° Western	Low in East	Before sunrise	
11 December	21° Eastern	Low in west	After sunset	

The best times will be mid-April and mid-December evenings, and late September mornings.

On Liberation Day, 09 May 2016 from 12.12 to 7.40 pm BST, there will be a transit of Mercury across the disc of the Sun.

Observation of the transit requires special equipment, which is available at the Guernsey Observatory. Mercury, subtending just 12 arc-seconds, is too small to see as a black disc against the Sun with devices such as solar eclipse glasses. Therefore either specially filtered telescopes, telescopic projection, or the use of a heliostat are needed.

The transit is the subject of a separate article published in the 2015 issue of *Sagittarius*.

Venus is the “Morning Star” in the east from the beginning of the year. On the morning of 09 January it will appear very close to Saturn. It reaches superior conjunction on 06 June, and by July will be visible in the west after sunset. On the evening of 27 August it will be just 8 arc-minutes from Jupiter, low in the west. From then right to the end of the year it will remain prominent in the evening sky as it heads towards maximum eastern elongation in January 2017.

Early in the year **Mars** is visible in the eastern morning sky. Although it gets higher in succeeding months it never reaches a high altitude. It reaches opposition on 22 May at a declination of -22°, a distance of 47 million miles (76 million km), and an angular diameter of 18 arc-seconds. This is only slightly better than the oppositions of 2012 and 2014, but will be worthwhile observing during May and June. We will have to wait for the next opposition, on 27 July 2018 for a better view – in fact the best for many years in the past and the future.

At opposition it will, of course, rise as the sun sets, and thereafter to the end of the year it will be visible in the evening, its declination (and therefore altitude for we northern hemisphere observers) improving, but receding and getting fainter and smaller in telescopic views.

At the beginning of the year **Jupiter** rises around midnight. It rises earlier and earlier and reaches opposition on 08 March in Leo. As last year it will be well placed for observation, and will remain visible until September, being at conjunction with the Sun on 26 September. From mid-October it will become visible in the east before sunrise.

We can again expect excellent views of its moons, atmospheric bands on its disc, and the Great Red Spot. Transit, shadow and occultation events involving Jupiter's moons can be calculated using a Java script on the *Sky & Telescope* website (register at <http://tinyurl.com/24kp25> and remember to enter the date in the US format: month/day/year). They can also be simulated on software such as StarryNight (<http://www.starrynightstore.com/>), and there is the *JupiterMoons* app by Sky & Telescope, which also gives the transit times of the Great Red Spot.

On 04 July NASA's Juno spacecraft will go into polar orbit around Jupiter after a four-year journey. It will study the planet's composition, gravity and magnetic fields, and the polar magnetosphere. It may determine whether Jupiter has a rocky core, how much water there is in its atmosphere, its mass distribution and wind speeds. It is planned to make 37 orbits before crashing into the Jovian atmosphere and burning up. In addition to a plaque commemorating Galileo's observations of Jupiter's moons in 1610, it is carrying three toy figures made of Lego: Galileo, the Roman God Jupiter and his wife Juno!

Saturn's visibility in 2016 is very similar to the last couple of years. It starts the year as a morning object, rising in the east in the constellation Ophiuchus about 07.00 UT, and rising earlier as the months go by. Opposition is on 03 June, rising as the Sun sets, and visible all night. It will remain visible, progressively as an evening object, until November, reaching conjunction with the Sun on 10 December. Its declination is still low this year, so again it will not reach a very high altitude. However, with the rings at a good angle it will still present a beautiful sight in telescopes, and its brightest moons, especially Titan, should be visible.

Uranus will be at opposition in Pisces on 15 October, at magnitude 5.7. **Neptune** will be at opposition in Aquarius on 02 September, at magnitude 8.

SUPERMOONS

We have heard quite a lot lately about so-called 'supermoons' as one coincided with the lunar eclipse in September 2015. Supermoons appear when the Full Moon happens to occur when the Moon is closest to the Earth. This happens three times this year: on 16 October, 14 November, and 14 December.

DWARF PLANETS AND ASTEROIDS

Pluto will reach opposition on 07 July in Sagittarius, at magnitude 14. **Ceres** reaches opposition on 21 October at magnitude 7 in Cetus. The other three dwarf planets (Eris, Makemake and Haumea) are too faint to be seen in most amateur telescopes.

The brightest asteroid, **Vesta** does not reach opposition until January 2017, when it will be magnitude 6 in Cancer.

ECLIPSES

No solar eclipses are visible from Guernsey this year. On 09 March there will be a total solar eclipse in Indonesia, and an annular eclipse in Africa on 01 September.

On 16 September part of a penumbral eclipse of the Moon will be visible (maximum at 8.00 pm, when the Moon is just 4° above the horizon).

OCCULTATIONS AND CONJUNCTIONS

There will be a daytime occultation of Venus by the Moon on 06 April, from 08.25 to 09.00 BST. The Moon will be almost New, and so a very thin crescent only 16° from the Sun. So great care will be needed if attempting to watch this event.

Conjunctions of planets with the Moon, with their separations (for best times see table at end of the article):

Mercury	03 June	0.7°
	04 August	0.5°
	29 September	0.7°
Venus:	03 September	1.1°
Mars:	03 January	1.4°
Jupiter:	09 July	0.8°
	06 August	0.2°
	02 September	0.4°

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

09 January	Venus and Saturn	0.1°
20 March	Venus and Neptune	0.5°
31 March	Mercury and Uranus	0.6°
16 July	Mercury and Venus	0.5°
27 August	Venus and Jupiter	0.1°
11 October	Mercury and Jupiter	0.9°

METEORS

The **Quadrantids** peak on the night of 03/04 January. This year it will be unaffected by moonlight, so may well be worth watching. The **Perseids** peak on the night of 12/13 August, with up to 80 per hour. The ten-day-old Moon will affect visibility of the fainter meteors. The richest annual shower, the **Geminids** peaks on the night of 13/14 December, but the Full Moon will severely affect observations of all but the brightest.

There are, of course, minor meteor showers during the year, and sporadics may be seen at any time.

COMETS

Several faint comets are due to make an appearance this year, but the best two are likely to be 2013 US10 (Catalina) and 252P/LINEAR.

Comet Catalina is likely to be the brightest, and well-placed for observation in January. It had its closest approach to the Sun (perihelion) in November 2015. It reaches its closest point to the Earth (perigee) on 17 January, when it will be furthest north in Ursa Major, and therefore easily visible at a possible magnitude 5, and visible all night. On 05/06 January it will be about a degree from the 9th magnitude globular cluster NGC 5466. On 13/14 January it passes 5° from M51 (the Whirlpool Galaxy), and on 15 January just 2° from M101 (the Pinwheel Galaxy).

Comet LINEAR (one of many with this name) will make a close approach on 21 March, passing within 5.5 million km (3.3 million miles) of the Earth. This is the fifth closest comet ever. Although it is normally faint it may brighten to 10th magnitude in the first week of April, in the south-east before sunrise.

Detailed comet predictions for 2016 are available on the website of the British Astronomical Association's Comet Section: <http://www.ast.cam.ac.uk/~jds/preds16.pdf>. Also check the Heavens-Above website (heavens-above.com) for star charts showing comet positions.

THE SUN

We are now well past the maximum of the sunspot cycle, but there can still be outbursts of activity, with displays of the aurora borealis (and australis) at high latitudes. Details of sunspot numbers are at www.ips.gov.au/Solar/1/6, and real-time views of the Sun are at <http://umbra.nascom.nasa.gov/index.html/>. Auroral alerts, with lots of other information, are at www.spaceweather.com.

EQUINOXES AND SOLSTICES

The following are the dates and times of the equinoxes and solstices in 2016:

Vernal Equinox	20 March	04.29 UT
Summer Solstice	20 June	23.34 BST
Autumnal Equinox	22 September	15.20 BST
Winter Solstice	21 December	10.43 UT

SATELLITES

The International Space Station (ISS) is regularly visible from Guernsey, looking like a very bright star crossing our skies from west to east. Also of interest are flashes from the Iridium satellites (which occur virtually every night), and periodic launches of ISS servicing craft. Many other, fainter, satellites appear every night. Details of the times and directions of visibility (together with sky charts and much more) can be obtained from www.heavens-above.com, linked from our website, www.astronomy.org.gg/iss.htm.

The orbits can change with time, and long-range predictions are, therefore, less reliable than short-range ones. However, at the time of writing they show that the ISS will be visible in the morning hours from 02 to 23 January, and in the evening from 02 to 20 February.

WEA COURSE

The Astronomy Section's annual six-week WEA "Star Gazing" course at the Observatory will be run from 04 February to 10 March. It is usually over-subscribed, so early enrolment is recommended. See www.wea.org.gg, or telephone 237888.

OPEN DAYS

The Observatory will be open to the public again for a number of Thursday evenings during the year: 14 April, weekly openings during the summer holidays (21 July to 01 September), and on 04 November. It will also be open from 3.00 to 5.00 pm on Liberation Day, 09 May, for the transit of Mercury. Details appear on our website and will be sent to the local media.

REFERENCES

SkyMap Pro and *Starry Night Pro* software

<http://www.seasky.org/astronomy/astronomy-calendar-2016.html>

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

RAS diary 2016

CALENDAR OF ASTRONOMICAL EVENTS IN 2016

Month	Date	Time	Event
January		All night	Comet 2013 US10 (Catalina) visible
January	02		Earth at perihelion
January	03	Morning	Moon and Mars conjunction (1.4°)
January	03/04		Quadrantid meteor shower (favourable)
January	09	Morning	Venus and Saturn conjunction (0.1°)
February	04	19.30 UT	WEA course starts at Observatory
February	07	Before sunrise	Mercury at greatest western elongation
March	08	All night	Jupiter at opposition
March	09		Total solar eclipse in Indonesia
March	10	19.30 UT	WEA course – final class
March	20	04.29 UT	Vernal Equinox
March	20	Before sunrise	Venus and Neptune conjunction (0.5°)
March	27	01.00 UT	BST starts
Early April			Comet 252P (LINEAR) may be visible
April	06	08.25 – 09.00 BST	Daytime lunar occultation of Venus
April	18	After sunset	Mercury at greatest eastern elongation
May	09	12.12 – 19.40 BST	Transit of Mercury
May	22	All night	Mars at opposition
June	03	All night	Saturn at opposition
June	03	Before sunrise	Moon and Mercury conjunction (0.7°)
June	05	Before sunrise	Mercury at greatest western elongation
June	06		Venus at superior conjunction
June	09	Early evening	Moon and Jupiter conjunction (0.8°)
June	20	23.34 BST	Summer Solstice
July	04		Juno spacecraft orbits Jupiter
July	04		Earth at aphelion
July	07	All night	Pluto at opposition (magnitude 14)

July	16	After sunset	Mercury and Venus conjunction (0.5°)
July	21	Evening	Observatory Open Evenings start
August	04	After sunset	Moon and Mercury conjunction (0.5°)
August	06	After sunset	Moon and Jupiter conjunction (0.2°)
August	12/13		Perseid meteor shower (unfavourable)
August	16	After sunset	Mercury at greatest eastern elongation
August	27	After sunset	Venus and Jupiter conjunction (0.1°)
September	01	Evening	Observatory Open Days end
September	01		Annular solar eclipse in Africa
September	02	All night	Neptune at opposition (magnitude 8)
September	02	After sunset	Moon conjunction with Jupiter (0.4°)
September	03	After sunset	Moon and Venus conjunction (1.1°)
September	16	19.54 BST	Penumbral lunar eclipse
September	22	15.20 BST	Autumnal Equinox
September	26		Jupiter conjunction with Sun
September	28	Before sunrise	Mercury at greatest western elongation
September	29	Before sunrise	Moon and Mercury conjunction (0.7°)
October	21	All night	Ceres at opposition (magnitude 7)
October	11	Before sunrise	Mercury and Jupiter conjunction (0.9°)
October	15	All night	Uranus at opposition (magnitude 5.7)
October	16	All night	Supermoon
October	30	02.00 BST	BST ends
November	04	18.00 UT	Observatory Open Evening
November	14	All night	Supermoon
December	10		Saturn conjunction with Sun
December	11	After sunset	Mercury at greatest eastern elongation
December	13/14		Geminid meteor shower (unfavourable)
December	14	All night	Supermoon
December	21	10.43 UT	Winter Solstice

Appendix X

Lihou Island - Causeway Opening Times - 2016

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

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

DANGER: Causeway closing times can vary by up to 20 minutes due to weather conditions. Return to Guernsey before the causeway closure time.

Please be aware of the rapidly rising tide and do not attempt to cross the causeway if it is submerged at any point.

Guernsey Met Office

2016 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Sun 10 Jan	1.6	12:59	Mon 08 Feb	1.3	12:44
Mon 11 Jan	1.3	13:42	Tue 09 Feb	0.9	13:29
Tue 12 Jan	1.2	14:23	Wed 10 Feb	0.6	14:11
Sun 24 Jan	1.4	13:11	Mon 22 Feb	1.4	12:52
Mon 25 Jan	1.3	13:51	Tue 23 Feb	1.3	13:30
Tue 26 Jan	1.3	14:27	Wed 24 Feb	1.2	14:03

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Wed 09 Mar	0.5	13:09	Thu 07 Apr	0.5	13:46
Thu 10 Mar	0.3	13:53	Fri 09 Apr	0.2	14:41
Fri 11 Mar	0.2	14:34	Sat 09 Apr	0.2	15:13
Wed 23 Mar	1.4	13:03	Fri 22 Apr	1.5	14:03
Thu 24 Mar	1.3	13:35	Sat 23 Apr	1.6	14:33
Fri 25 Mar	1.4	14:04	Sun 24 Apr	1.7	15:01

All times local

Phases of the Moon - 2016

New Moon	First Quarter	Full Moon	Last Quarter
10th Jan	16th Jan	24th Jan	2nd Jan
8th Feb	15th Feb	22nd Feb	1st Feb
9th Mar	15th Mar	23rd Mar	1st Mar
7th Apr	14th Apr	22nd Apr	31st Mar
6th May	13th May	21st May	30th Apr
5th Jun	12th Jun	20th Jun	29th May
4th Jul	12th Jul	19th Jul	27th Jun
2nd Aug	10th Aug	18th Aug	26th Jul
1st Sep	9th Sep	16th Sep	25th Aug
1st Oct	9th Oct	16th Oct	23rd Sep
30th Oct	7th Nov	14th Nov	22nd Oct
29th Nov	7th Dec	14th Dec	21st Nov
29th Dec			21st Dec

GUERNSEY AIRPORT SUNRISE/SUNSET TIMES - 2016

2016 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

16	JANUARY				FEBRUARY			MARCH			APRIL			MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			16										
DY	SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS			SR	SS	DY													
1	F	0806	1621		M	0743	1705		T	0652	1754		F	0547	1842		S	0448	1928		W	0409	2008		F	0408	2020		M	0442	1950		T	0527	1853		S	0611	1748		T	0659	1648		T	0745	1614	1
2	S	0806	1622		T	0742	1707		W	0650	1755		S	0545	1844		M	0446	1930		T	0408	2009		S	0409	2020		T	0444	1949		F	0528	1851		S	0612	1746		W	0701	1646		F	0746	1613	2
3	S	0806	1623		W	0740	1709		T	0648	1757		S	0543	1845		T	0444	1931		F	0407	2010		S	0410	2019		W	0445	1947		S	0530	1849		M	0614	1744		T	0702	1645		S	0748	1613	3
4	M	0806	1624		T	0739	1710		F	0646	1759		M	0541	1847		W	0443	1932		S	0407	2011		M	0411	2019		T	0446	1946		S	0531	1846		T	0615	1742		F	0704	1643		S	0749	1612	4
5	T	0806	1626		F	0737	1712		S	0644	1800		T	0538	1848		T	0441	1934		S	0406	2012		T	0411	2018		F	0448	1944		M	0533	1844		W	0617	1740		S	0706	1642		M	0750	1612	5
6	W	0806	1627		S	0736	1714		S	0642	1802		W	0536	1850		F	0439	1935		M	0406	2013		W	0412	2018		S	0449	1942		T	0534	1842		T	0618	1738		S	0707	1640		T	0751	1612	6
7	T	0805	1628		S	0734	1715		M	0640	1803		T	0534	1852		S	0438	1937		T	0405	2014		T	0413	2017		S	0451	1941		W	0535	1840		F	0620	1736		M	0709	1639		W	0752	1611	7
8	F	0805	1629		M	0733	1717		T	0638	1805		F	0532	1853		S	0436	1938		W	0405	2015		F	0414	2017		M	0452	1939		T	0537	1838		S	0621	1734		T	0711	1637		T	0753	1611	8
9	S	0805	1630		T	0731	1719		W	0636	1807		S	0530	1855		M	0435	1940		T	0405	2015		S	0415	2016		T	0453	1937		F	0538	1836		S	0623	1732		W	0712	1636		F	0754	1611	9
10	S	0804	1632		W	0729	1721		T	0634	1808		S	0528	1856		T	0433	1941		F	0404	2016		S	0416	2015		W	0455	1936		S	0540	1834		M	0624	1729		T	0714	1634		S	0755	1611	10
11	M	0804	1633		T	0728	1722		F	0632	1810		M	0526	1858		W	0432	1943		S	0404	2017		M	0417	2015		T	0456	1934		S	0541	1832		T	0626	1727		F	0715	1633		S	0756	1611	11
12	T	0803	1634		F	0726	1724		S	0630	1811		T	0524	1859		T	0430	1944		S	0404	2017		T	0418	2014		F	0458	1932		M	0543	1829		W	0627	1725		S	0717	1632		M	0757	1611	12
13	W	0802	1636		S	0724	1726		S	0627	1813		W	0522	1901		F	0429	1945		M	0404	2018		W	0419	2013		S	0459	1930		T	0544	1827		T	0629	1723		S	0719	1630		T	0758	1611	13
14	T	0802	1637		S	0723	1727		M	0625	1815		T	0520	1902		S	0428	1947		T	0404	2018		T	0420	2012		S	0501	1928		W	0546	1825		F	0630	1721		M	0720	1629		W	0759	1611	14
15	F	0801	1638		M	0721	1729		T	0623	1816		F	0518	1904		S	0426	1948		W	0403	2019		F	0421	2011		M	0502	1927		T	0547	1823		S	0632	1719		T	0722	1628		T	0800	1611	15
16	S	0800	1640		T	0719	1731		W	0621	1818		S	0516	1905		M	0425	1950		T	0403	2019		S	0422	2010		T	0503	1925		F	0548	1821		S	0634	1717		W	0723	1627		F	0801	1612	16
17	S	0800	1641		W	0717	1732		T	0619	1819		S	0514	1907		T	0424	1951		F	0403	2019		S	0423	2009		W	0505	1923		S	0550	1819		M	0635	1715		T	0725	1625		S	0801	1612	17
18	M	0759	1643		T	0715	1734		F	0617	1821		M	0512	1908		W	0422	1952		S	0404	2020		M	0424	2008		T	0506	1921		S	0551	1816		T	0637	1713		F	0726	1624		S	0802	1612	18
19	T	0758	1644		F	0714	1736		S	0615	1822		T	0510	1910		T	0421	1954		S	0404	2020		T	0425	2007		F	0508	1919		M	0553	1814		W	0638	1711		S	0728	1623		M	0803	1613	19
20	W	0757	1646		S	0712	1737		S	0613	1824		W	0508	1911		F	0420	1955		M	0404	2020		W	0427	2006		S	0509	1917		T	0554	1812		T	0640	1710		S	0730	1622		T	0803	1613	20
21	T	0756	1647		S	0710	1739		M	0610	1825		T	0506	1913		S	0419	1956		T	0404	2021		T	0428	2005		S	0511	1915		W	0556	1810		F	0641	1708		M	0731	1621		W	0804	1614	21
22	F	0755	1649		M	0708	1741		T	0608	1827		F	0504	1914		S	0418	1957		W	0404	2021		F	0429	2004		M	0512	1913		T	0557	1808		S	0643	1706		T	0733	1620		T	0804	1614	22
23	S	0754	1651		T	0706	1742		W	0606	1829		S	0502	1916		M	0417	1959		T	0405	2021		S	0430	2003		T	0514	1911		F	0559	1806		S	0645	1704		W	0734	1619		F	0805	1615	23
24	S	0753	1652		W	0704	1744		T	0604	1830		S	0500	1917		T	0415	2000		F	0405	2021		S	0432	2001		W	0515	1909		S	0600	1803		M	0646	1702		T	0735	1618		S	0805	1615	24
25	M	0752	1654		T	0702	1746		F	0602	1832		M	0459	1919		W	0414	2001		S	0405	2021		M	0433	2000		T	0517	1907		S	0602	1801		T	0648	1700		F	0737	1618		S	0805	1616	25
26	T	0751	1655		F	0700	1747		S	0600	1833		T	0457	1920		T	0414	2002		S	0406	2021		T	0434	1959		F	0518	1905		M	0603	1759		W	0649	1658		S	0738	1617		M	0806	1617	26
27	W	0750	1657		S	0658	1749		S	0558	1835		W	0455	1922		F	0413	2003		M	0406	2021		W	0435	1957		S	0519	1903		T	0605	1757		T	0651	1657		S	0740	1616		T	0806	1618	27
28	T	0748	1659		S	0656	1751		M	0555	1836		T	0453	1924		S	0412	2004		T	0407	2021		T	0437	1956		S	0521	1901		W	0606	1755		F	0653	1655		M	0741	1615		W	0806	1618	28
29	F	0747	1700		M	0654	1752		T	0553	1838		F	0451	1925		S	0411	2005		W	0407	2020		F	0438	1955		M	0522	1859		T	0608	1753		S	0654	1653		T	0743	1615		T	0806	1619	29
30	S	0746	1702						W	0551	1839		S	0450	1927		M	0410	2006		T	0408	2020		S	0439	1953		T	0524	1857		F	0609	1750		S	0656	1651		W	0744	1614		F	0806	1620	30
31	S	0744	1704						T	0549	1841						T	0409	2007						S	0441	1952		W	0525	1855						M	0658	1650					S	0806	1621	31	