



**GUERNSEY AIRPORT
METEOROLOGICAL OBSERVATORY**



2007 Annual Weather Report

Including data from

GUERNSEY LIHOU ISLAND ALDERNEY SARK

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Guernsey Airport Meteorological Office – Annual Report 2007

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Front cover photo:

Dry weather and sunshine finally arrive in September 2007 following four months of unsettled weather. Warm sunshine and moist south-westerly winds encourage small cumulus to develop over Guernsey. The cloud pictured was moving north-east to the north of Herm.

Photo credit: Janice Astridge.

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Guernsey Airport Meteorological Observatory:

2007 Annual Report

Many people will remember the year 2007 as being the year when summer never really arrived in Guernsey. A seemingly endless succession of fronts and depressions kept the local weather in a damp, cloudy and breezy mode and by the time the dry weather arrived in September, the summer was effectively over. For local weather enthusiasts, however, one of the talking points was the dogged persistence of certain weather types for long periods.

Winter saw generally mild airflows that were almost uninterrupted by colder winds from the continent. A very warm spring saw none of the usual occasional outbursts of cold from the north. The summer was so unsettled and cool that the highest temperature recorded at Guernsey Airport this year was 22.7°C – the lowest annual maximum since 1974. Autumn was dominated by dry anticyclonic conditions with the usual strong winds and rain almost absent apart from a single week in mid-November.

All in all, not a bad year when compared with many in the past, but it is human nature to remember weather events that affect our lives. A winter that is generally mild will eventually be remembered as cold if an isolated snowfall disrupts normal life for a few days. A heat wave that lasts for a couple of weeks or a thunderstorm that causes flooding for a day can eventually come to define our memories of a summer. So I suspect that in a few years time, when somebody expresses the hope that we don't have another summer like 2007, we will remember the last year only for its rain and cool temperatures.

For weather watchers, the variability of Guernsey's weather is a source of continual interest. Individual years are often quite different to the year preceding them and it is not always easy to explain why. For example, the table below shows the number of days when gales were recorded at Guernsey Airport Met Office:

Number of Gale Days* at Guernsey Airport in the last 30 years:

Year	No. of Gale Days	Year	No. of Gale Days	Year	No. of Gale Days
1978	17	1988	9	1998	8
1979	19	1989	6	1999	4
1980	19	1990	14	2000	9
1981	12	1991	5	2001	2
1982	14	1992	5	2002	9
1983	16	1993	5	2003	2
1984	19	1994	8	2004	5
1985	3	1995	8	2005	6
1986	14	1996	5	2006	5
1987	4	1997	4	2007	18

So, in terms of gales, 2007 can be seen to be a windy year. The question that usually follows an observation such as this is: "Is it the start of a new trend towards windier weather in Guernsey, similar to the late 1970s and early 1980s?" The answer is, of course, that we simply do not know. It could be the start of a trend or just an isolated blip in the record and we will need many more years of data to discern which is true.

What follows in this report is a brief update on what happened to our planet's climate in 2007 followed by comprehensive data from Met stations around the Bailiwick. Just as we enjoyed watching and recording the year's weather, we hope that you enjoy reading about it. We would like to make the annual report even more relevant and useful in the years to come, so we would be grateful if you could give us some feedback using the enclosed questionnaire.

* A Gale Day is defined as a day on which the mean wind speed at the standard measuring height of 10 m about ground attains a value of 34 knots (39 miles per hour, 17.2 metres per second) or more over any period of 10 minutes during the 24 hours.



A shower moves across Lihou Island in a brisk westerly wind. Distinctive white fall-streaks from the cloud base show that the shower is falling as hail rather than rain.

Photo Credit – Martin Crozier

2007 - The Global Picture

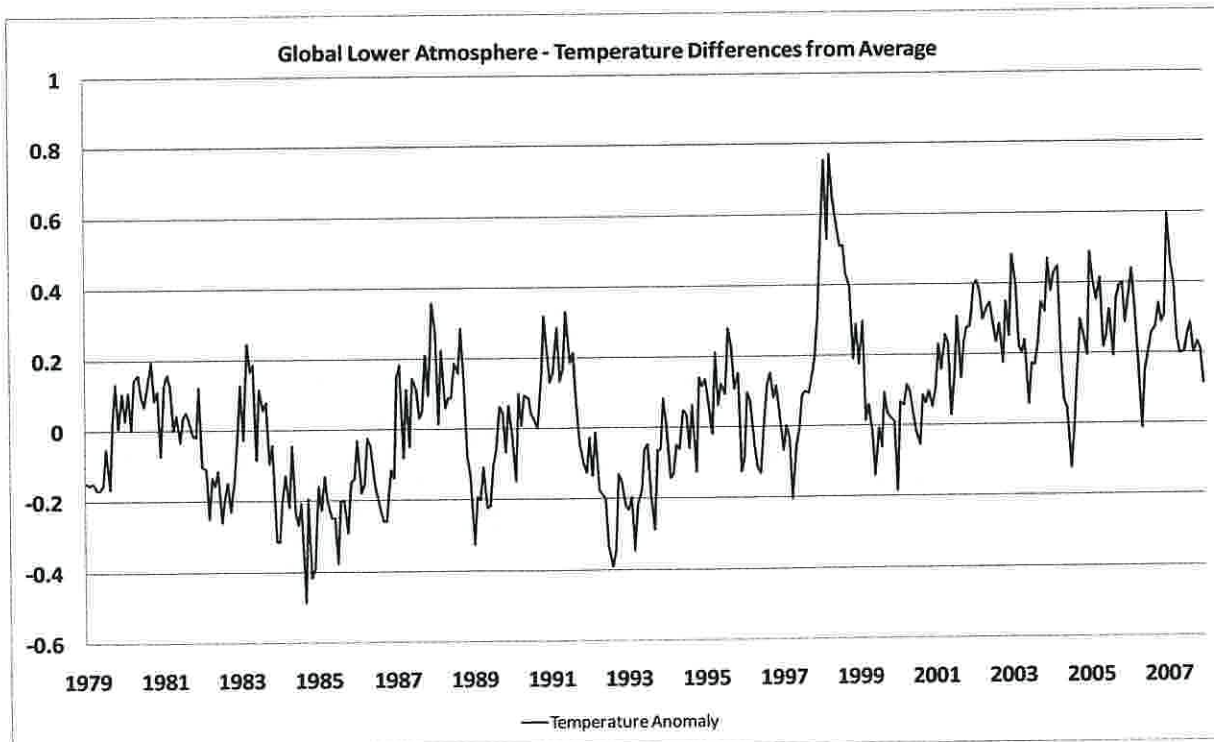
Global temperatures can be measured or estimated in a number of different ways. This can sometimes lead to confusion as the media typically tend to publicise the dataset that is most newsworthy or from whichever climate research institute rushes out some figures quickly.

Data from weather stations, ships and buoys can be used to build up a picture of global temperatures. Weather balloons can also be used to calculate the temperature of the lower atmosphere in many parts of the world. Both methods, however, suffer from the fact that the data from large areas of ocean, desert and the Polar Regions are sparse and temperatures in these areas can often only be estimated.

Arguably, therefore, our most accurate method of measuring global temperatures utilises the remote sensing capabilities of polar satellites which can scan outgoing radiation from various portions of Earth's lower atmosphere around the globe. The temperature data presented in this section are calculated from measurements made by these satellites.

Global temperatures in 2007

A number of climate computer models predicted that 2007 would be the warmest year on record with the UK Met Office predicting that Earth's temperature would be 0.54 degrees above normal.¹ In the event, however, 2007 saw a decline in the planet's temperature by 0.19 degrees in the 12 months to December 2007. The result of this was that (on preliminary

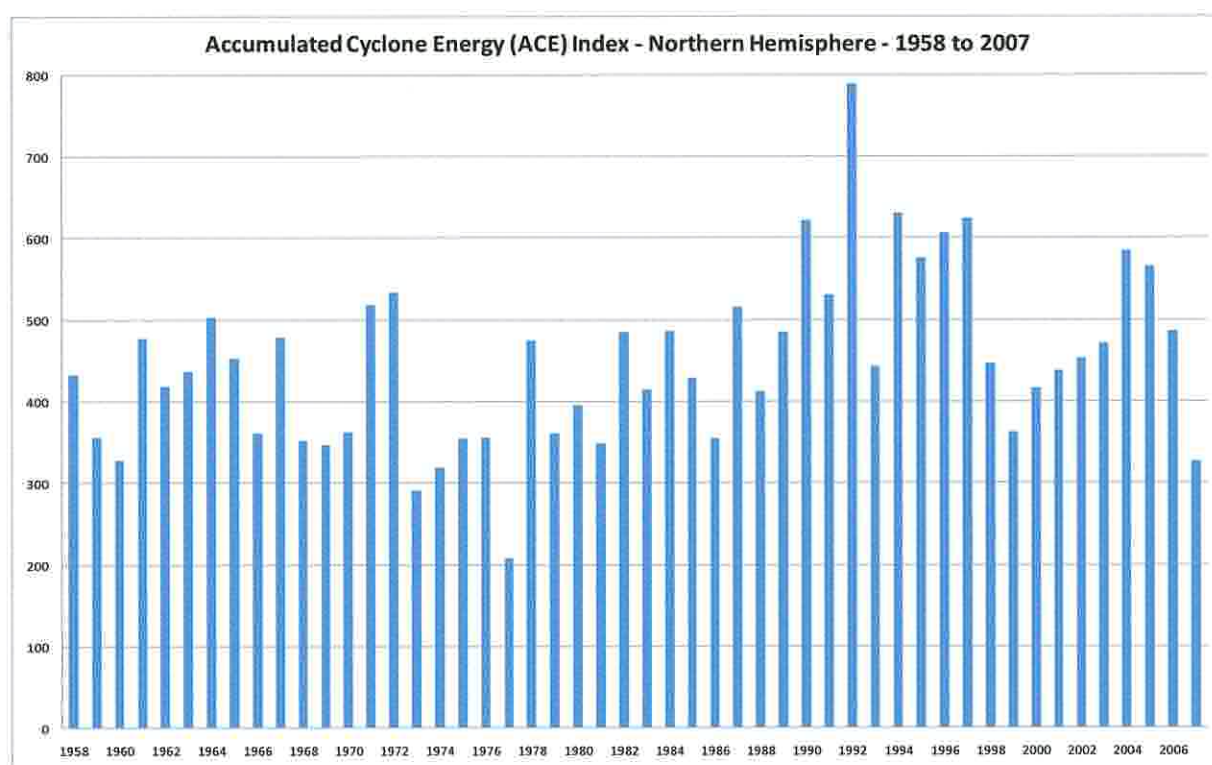


figures), 2007 was the coolest year globally since 2001.² The average rate of warming for the Earth declined slightly to 0.142 degrees per decade. The warmest year of the 30 year satellite record is still 1998.³ (Data on graph below courtesy of NOAA / NASA).

These averaged figures disguise the fact that most of earth's warming is now concentrated on the northern hemisphere and particularly on the northern polar regions where the warming trend is 0.46 degrees per decade. The South Polar Region by contrast is cooling at 0.07 degrees per decade.⁴

Tropical Cyclone Activity in 2007

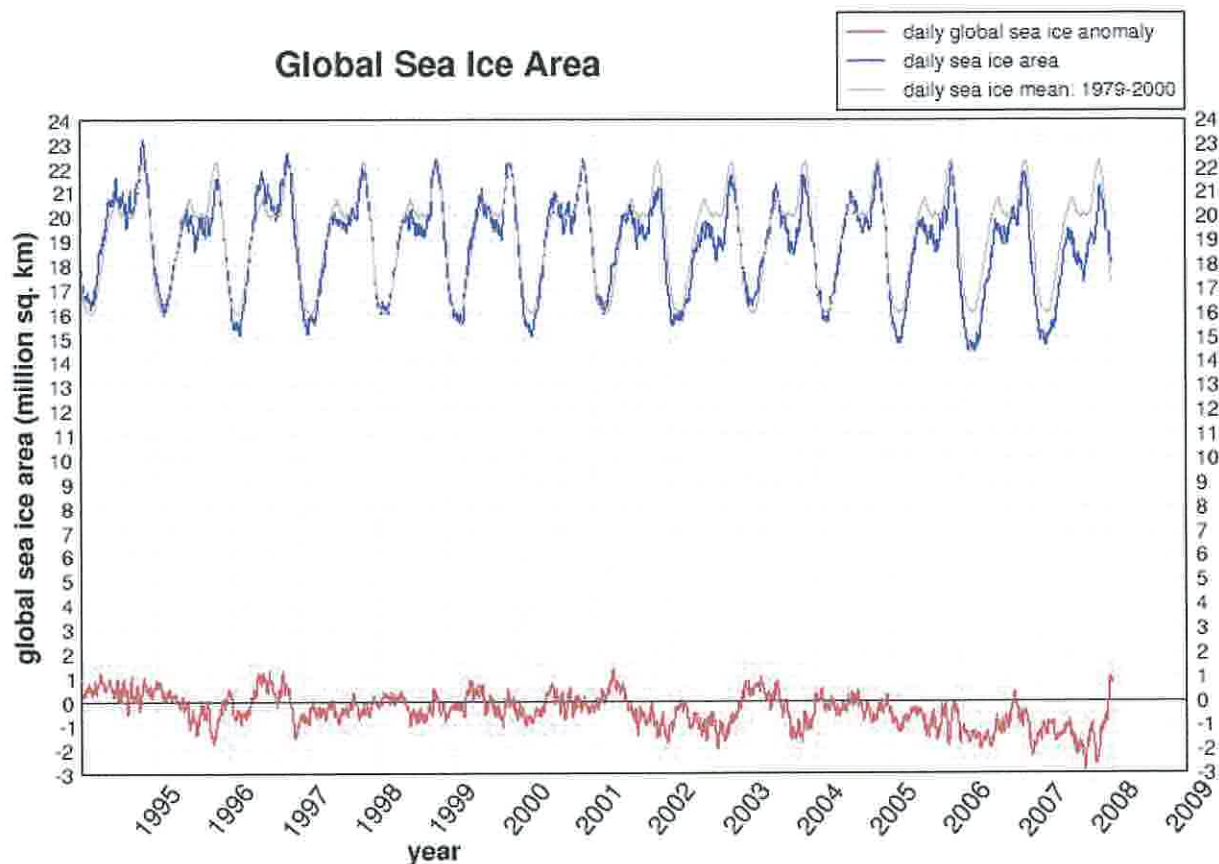
Overall, across the Northern Hemisphere, tropical cyclone activity was the lowest since 1977 when measured on the ACE index (see figure 3) which measures the "Accumulated Cyclone Energy" observed during the hurricane season - a figure based on the strength and duration of all identified storms. The most active year for tropical cyclones and hurricanes in the Northern Hemisphere is still 1992. The Ace Index data below is provided by NOAA.



Sea Ice in 2007

Sea ice hit the headlines in 2007 when the North-West Passage became almost ice-free for several weeks, allowing non-icebreaking vessels to sail north of Canada from the North Atlantic to the North Pacific and vice-versa. The North-West Passage was first navigated by Roald Amundsen over 100 years ago but can sometimes only be passable in summer using ships with ice-breaking ability.

The area of Arctic sea ice contracted to the smallest (summer) area ever observed since direct, accurate measurement became possible with the advent of polar orbiting satellites in the 1970s. Almost simultaneously, the area of Antarctic sea ice expanded to the largest (winter) area ever observed by the satellites.



Global sea ice extent was unusually variable in 2007 (data courtesy of NOAA).

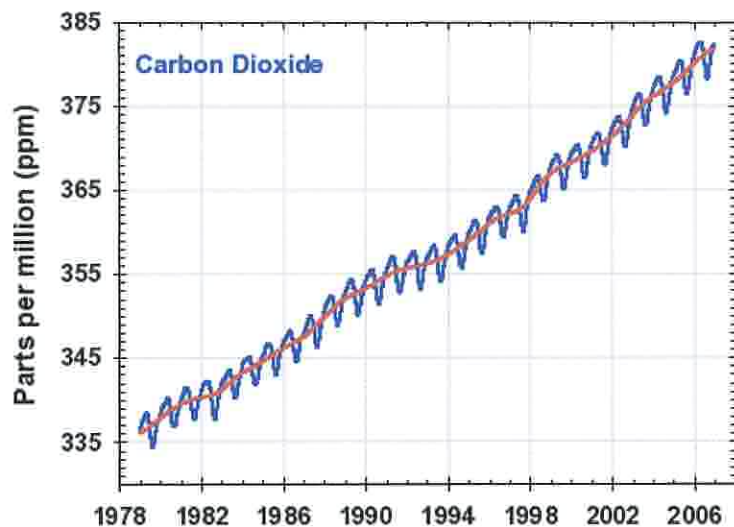
To complete an exceptional year for sea ice, the rapid recovery of the north polar sea ice late in the year ensured that 2007 would also enter the record books as the year with the greatest variability of sea ice yet observed.

Greenhouse Gases in 2007

Much attention is currently focussed on the "greenhouse effect" - the process by which infra-red radiation emitted by the atmosphere warms the Earth's surface.

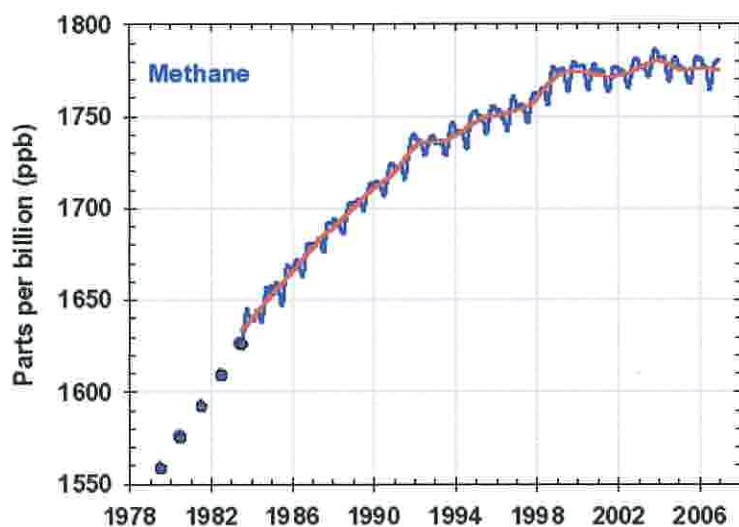
The process is complex, to say the least, but the main contributor to the greenhouse effect is water in the form of vapour and clouds. In most parts of the world, water provides between 50% and 75% of the total greenhouse effect. Atmospheric trace gases such as carbon dioxide and methane provide most of the remainder.

During 2007, carbon dioxide concentrations in the lower atmosphere continued to increase and although precise figures have yet to be issued, it seems likely that the recent level of increase - about 2 parts per million per year - is likely to have been maintained. Many climate computer models have been predicting that this rate will rise.



Carbon dioxide emissions resulting from the burning of fossil fuels continued to rise in 2007. Figures for 2007 are not yet available, but figures for 2006 have now been released showing that China increased its CO₂ production by about 8.5% on the previous year⁵. The UK's emissions increased by 3.6%⁶ and the USA cut its emissions by 1.5%⁷.

Carbon Dioxide and Methane concentration data provided by NOAA



Climate models also generally predict a rise in methane concentrations in the atmosphere. The amount of methane production that can be attributed to mankind is rising and the models also anticipate melting of arctic permafrost which would release large quantities of methane currently trapped in frozen soil.

Preliminary figures for 2007, however, show a slight fall in atmospheric methane concentration. Atmospheric methane concentration peaked in 2003 and the reason for the current slow decline is the subject of scientific debate at present.

Weather & Climate Impacts in 2007

Droughts in parts of Australia, the Ukraine and unusual cold in the USA resulted in worse than normal harvests in these food exporting nations. The UN warned that world food stocks were at their lowest levels since 1980 and it seems likely that in 2008 food prices in the shops will rise substantially. The effect of the weather on global harvests was, however, small compared with the results of energy policy decisions to increase the production of bio-fuels.

Bio-fuels, seen by some as a key measure to reduce the amount of fossil fuel burning, are now being heavily subsidised in many parts of the world. In the USA, this has led to about 20% of that country's corn harvest being used for the production of ethanol rather than food for human or animal consumption⁸. In the tropics, large areas of rainforest have been destroyed to make way for palm oil plantations that produce the raw materials for bio-fuels.

Whilst developed countries may be able to use bio-fuels to reduce their fossil fuel imports, it is the people of the Third World who are likely to suffer the most in 2008 from shortages and high food prices. With world wheat and corn prices having risen approximately 80% and 40% respectively during 2007, the costs are only now starting to be passed on to the consumer.

The flooding experienced by many householders in the UK in the summer of 2007 is likely to lead to higher home insurance premiums. For some people who live on flood plains and other flood prone areas, it may prove impossible to secure any house insurance in the future.

Predictions of a warmer Arctic Ocean by climate computer models led to a scramble to claim land and continental shelf in the Arctic Ocean. Russian mini-subs Mir-1 and Mir-2 planted a Russian flag 14,000 feet down on the seabed at the North Pole. A dispute broke out between Denmark and Canada concerning the ownership of Hans Island - a low lying island about the same size as Lihou - which is located between Greenland and Ellesmere Island. It seems likely that similar disputes involving Russia, Canada, the USA, the EU and Norway will continue in 2008 as attempts are made to carve up the natural resources at the top of the world.

In central Asia, the Aral Sea - once described as the worst man-made environmental disaster of the 20th century is slowly recovering. During the 1960s, Soviet planners diverted the two rivers that feed the sea and used the water to irrigate cotton crops. By 2000, the sea had shrunk into a small heavily polluted lake whose shore was 100km away from the former fishing port of Aralsk which became an isolated desert town.



The Aral Sea Project - a multi-million pound environmental rescue - appears, however, to be slowly succeeding. The northern part of the sea has regenerated to the point where commercial fishing is now possible again and the waters have returned to within 20km of Aralsk. Rainfall in the area is reported as increasing as the amount of water available for evaporation increases. It is, however, unlikely that the Aral Sea will ever regenerate fully to its pre-Soviet condition.

The Aral Sea from space (Photo credit NASA). The darker patch at the top of the photo shows areas irrigated for crops.

Data Sources and Acknowledgements:

- 1) <http://www.metoffice.gov.uk/research/seasonal/global/index.html>
- 2) http://www.metoffice.gov.uk/corporate/pressoffice/2007pr2007_1213.html
- 3) http://www.atmos.uah.edu/data/msu/t2lt/tltqlhmm_5.2
- 4) <http://vortex.nsstc.uah.edu/data/msu/t2lt/uahncdc.lt>
- 5) Calculated by using energy consumption data from the BP Statistical review of World Energy: <http://www.bp.com>
- 6) <http://www.reuters.com/article/environmentNews/idUSL17978420070517>
- 7) <http://www.eia.doe.gov/neic/press/press291.html>
- 8) MIT Technology Review - <http://www.technologyreview.com/Energy/19924/page1/>

Tim Lillington

Finally, for those of you who are regular readers of our annual report, you may be wondering what has happened to Tim Lillington whose name became inextricably linked to the Guernsey Met Office having worked here for 34 years – the last 11 of which he served as the senior officer. Tim retired at the end of August 2007 and is now enjoying a very well earned rest from his labours although rumour has it that he is still keeping himself so busy he wonders how he used to have enough time to go to work.

Shortly after Tim retired, I was contacted by three postgraduate students from different universities seeking climate data from Guernsey. On receiving the data he needed, the third student volunteered the information that his lecturer had suggested to him that he use data from Guernsey as it was “a long and very high quality record” and Guernsey Met Office was always very helpful and professional.

This in itself is evidence of the dedication and professionalism of Tim, his brother Mike and the observers at Guernsey Airport, so I look forward to maintaining the high standards that Tim has set for the staff and the service. The Lillington era is not yet over, however, as we now have Simon, Tim’s son, working as a Met Observer.

We would like to wish Tim a long and happy retirement.

Martin S. Crozier
Senior Meteorological Officer
January 2008



Martin Crozier was appointed Senior Meteorological Officer in 2007 and took over the administration of the Met Office in September.

He studied for a degree in Physics and Meteorology at the University of Reading before working as a weather forecaster in Scotland, Norway, Spain and the Middle East.

Martin joined the Civil Service on his return to Guernsey and worked for the States Education Department and Guernsey Museums and Galleries before joining the Guernsey Met Office.

METEOROLOGICAL OFFICE GUERNSEY AIRPORT

COMMENT ON THE WEATHER OF 2007

The first few months of the year continued the apparent trend, set up last year, of the climate warming markedly. In the last six months of 2006 five had near record temperatures and the autumn had been the warmest by some margin. In the first four months of this year two were the warmest on record and one the third warmest. This meant the each month a new record for the mean temperature over 12 months was being created. By the end of April the mean temperature for the preceding 12 months was 12.81°C, 1.7°C higher than the average for a calendar year and 0.35°C higher than for any other 12 month period. This value crept up further during May, but thereafter it fell as each of the last seven months of 2007 was cooler than the corresponding one in 2006.

Given these comments it cannot be surprising that the winter was the mildest on record, beating the winter of 1995 by 0.3°C. It was wet as well and less sunny than average. January was the mildest on record by 0.45°C and, as might be expected for a mild winter month, it was wetter, windier and duller than normal. February was also very mild and even wetter than January, but there was a decent amount of sunshine. The three days with gales recorded was the highest since 1997.

In early March for the previous three years there had been a period of cold weather, with snow showers. This time there was a short cold spell close to the equinox, but otherwise it was mild with the highest mean temperature for four years. Rainfall was again above average, but it was, at least, a sunny month with the highest total since 2003. Strong winds were in evidence with the first gales in March since 1995. April was a noteworthy month with temperatures akin to those of a normal May. This month was also very sunny and exceptionally dry. The weather changed in May to being wet, rather dull and breezy. May was the wettest since 2000, but actually sunnier than in 2006. Despite the rain and lack of sunshine it was slightly warmer than normal. Due to the warmth of April this proved to be the warmest spring on record.

As with May, June was wet and dull, but warmer than average. It started with two dry weeks, but the last 10 days were very wet and windy for a summer month. Rainfall for June was the highest and sunshine the lowest since 1997. There was no improvement in the weather for July, which was again wet, having close to twice the average rainfall. Sunshine was less than 15 hours short of the average, but it was rather cool. Daytime temperatures in particular were depressed, at the Airport 20°C was reached on a paltry two days. There was the promise of better weather in August and there was little rain in the first 12 days and plenty of sunshine. A cool, wet, dull and breezy 10 days followed to reinforce the idea of a bad summer. Overall this summer was the wettest since 1974 and the third wettest on record. Sunshine was the lowest since 2002 and it was the coolest since 1993. Combining all these elements shows this to have been the worst summer since 1986.

The general weather pattern had changed by the start of the autumn, with high pressure becoming dominant. There was only one significant day of rain in September during the first three weeks, along with plenty of sunshine. Despite this there was little notable warmth. The rain in the latter part of the month failed to make up for the earlier shortfall, resulting in less than half the average rain for September. There were a number of chilly days later on to ensure that this was the coolest September since 1994. Sunshine, though, was the highest since 2003. The dryness continued for most of October and we had the most sunshine since 1997. There was less than a quarter of the average rainfall with the lowest total since the record setting October of 1978. Adding to the feel of a good autumn month was the lack of wind, with no gust to gale force being recorded. November was drier than normal once more, with marginally above average sunshine. For the first time since June the mean temperature was nearly 1°C above average. Rainfall for the autumn was the lowest since 1978 and the second lowest on record. It was the sunniest since 1997 as well, with lighter winds than is common; no gales were recorded. The mean temperature was slightly above average, but this was still the coolest since 2000.

December came in with a bang as a very wet day was followed by the windiest conditions we have experienced in over 15 years. There were three phases in December's weather. Wet, windy and very mild for the first 10 days, followed by dry, cold and sunny conditions until just before Christmas. The rest of the month was mild and rather dull with rain at times. The cold and mild weather balanced out so that this was an average month. Rainfall was close to normal, but it was a very sunny month; being the fifth sunniest on record. The extreme winds early on ensured that overall this was the windiest December since 1999.

Thanks to the early warmth this year maintained the level of temperature that has become the norm since 1989. This was a touch cooler than last year, but warmer than 2004 or 2005. Rainfall was the highest since 2002; four months were drier than the average with some large excesses in the other eight. Sunshine was above average and higher than in 2006, but the preceding three had all been sunnier still. There were several notable windy periods, despite the mean wind speed being below average. The total of 18 gale days was the highest since 1984 and the sixth highest on record. This is also the first year since 1990 to have more than 10 gale days. Fog was much less in evidence than usual with the total of 53 days tying the record from 1989. The last three months of the year had no fog reported; a unique occurrence.

January

The month began as it meant to go on with strong or gale force west to south-west winds, with little sunshine and heavy showers. Some of these showers were accompanied by hail. A much brighter and mainly dry day followed, but it was still mild. Fronts from the next weather system then swept north-east over the British Isles, but we had only a small amount of rain, due to our proximity to high pressure over France. Fronts from depression number two crossed Britain on the 5th, bringing us rain, drizzle and patches of hill fog. For the first, but not last, time the temperature reached 12°C, which is near to 4°C above normal.

Fronts stayed close to the Islands on the 6th, again ensuring a cloudy day with spells of rain. On the 7th the weather pattern over the Atlantic was rather complex, with three lows identified from southern Iceland to the Barents sea. Another small low moved north-east across Ireland, while a developing depression was moving into the Atlantic off Newfoundland. Fronts from this latter depression passed over us on the 8th, introducing even milder air. The temperature overnight remained close to 12°C and then rose further on the 9th, peaking at 13.3°C to tie the record January temperature at the Airport.

A cold front cleared through at around dawn on the 10th, giving some heavy rain as it did so, followed by much brighter conditions. These allowed us nearly five hours of sunshine during the day. The following three days were sunless with a series of fronts crossing the British Isles. Despite all the cloud we had relatively small amounts of rain, but temperatures did, at least, stay close to record values. A transient ridge of high pressure crossed southern England and the Channel on the 14th, but there was still plenty of activity over the Atlantic and across Scotland. Following this quieter interlude, the stormy weather returned south.

A number of fronts affected our weather on the 16th and 17th, bringing spells of heavy rain, while with winds blowing from the south or south-west it stayed mild. A developing depression crossed the Atlantic on the 17th, with its fronts reaching here early on the 18th. Gales swept over England, Wales and the Channel, causing disruption to travel and a number of deaths in England. Temperatures were again unusually high, remaining above 12°C throughout the night of the 18th/19th, something unprecedented in January. The very mild air stayed with us until the 20th. As it moved away early on the 21st, we had a short burst of exceptionally heavy rain, luckily lasting less than five minutes.

The weather pattern began to change on the 21st. Pressure started to build northwards over the Atlantic, with low pressure over the United Kingdom filling and drifting east into Europe. This had the effect of ushering in a northerly airflow, with a subsequent marked drop in temperature. We saw the first signs of the change on the evening of the 21st, with hail showers pulling the temperature down to 5°C. The temperature had not been this low since the 28th of December. Temperatures on the 22nd were close to normal, but it became much colder that night. Heavy rain arrived that evening, continuing into the early hours of the 23rd. This resulted in our wettest day of the month. The rain was at its heaviest down the west coast of Guernsey, with 26mm being measured at L'Ancrese and 32mm on Lihou. The Airport, in contrast, had 15mm. After the heaviest of the rain gale force north-east winds spread across the Islands.

From the 23rd to 25th we had wintry showers, with the temperature below 6°C. The 25th, though, did turn out to be the sunniest day of the month and the wind died down that evening. The combination of clear skies and light winds overnight led to our only proper ground frost of the month. By the 26th the high over the Atlantic had edged south, allowing fronts to cross the British Isles from the north-west. This situation cut off the supply of Arctic air, with the temperature consequently climbing above normal once more.

The barometric pressure was high for the last five days of the month, resulting in mainly light winds, for a change. There was, though, a large amount of cloud drifting around the high, so we saw no sunshine for several days. Due to the high pressure and despite the cloud, we managed an almost completely dry week to end the month.

February

On the 1st a large anticyclone was centred to the west of Brittany, with a weak warm front just south of the Islands. We were covered by a very light airflow, with drizzle and mist at times and temperatures several degrees higher than normal. Conditions were similar on the 2nd, although with somewhat more breeze helping to disperse the mist. A very weak cold front cleared through overnight, thankfully allowing the sun to come out for most of the day on the 3rd. The much brighter weather was rather spoiled, though, by a fresh to strong north-east wind. During the winter this wind direction is usually associated with cold weather, but this time the temperature still almost made it to 10°C. The 4th was also mainly sunny and mild, with the wind easing off.

The wind fell light on the night of the 4th and with clear spells we had a slight ground frost. Sunny periods during the day on the 5th boosted temperatures, before they fell back that evening to allow another slight ground frost. A front over the United Kingdom approached close to us, before weakening as fronts from a depression, over Biscay, edged in towards us. The cloud broke up shortly after dawn on the 7th, ensuring a mainly sunny day. The next sets of fronts brought the first significant rain of the month. Across southern England there was snow instead, causing them problems for a while. The wind subsequently veered around to the west, ushering in the start of another very mild period.

Unsettled, wet and windy can best describe the weather from the 8th to the 13th. On the 8th we had strong westerly winds bringing in squally showers of rain or hail, but with sunny periods in between. The next low moved in the following day, passing to the north of us near to the south coast of England. This low had only just moved away when fronts from the next system came in heralding more wind and rain. The 11th & 12 were the stormy with gales on both days. There was a reasonable amount of sunshine on the 11th, but also a brief thunderstorm just before dawn and rain in the evening. Winds were at gale force for three to four hours on the 12th, with a peak gust of 63 knots (72 mph), the highest of the month.

The wind eased off on the 13th, but after a clear night the cloud soon increased. Rain arrived by mid-afternoon, intensifying to moderate within an hour and then persisting for about 15 hours. By the time the rain ceased we had recorded 30mm (1.18in) of rain. This caused localised flooding and made much of the already wet ground in the Island waterlogged. Thankfully the sun came out in the afternoon of the 14th, with a mainly sunny day following on the 15th. Very mild air spread northwards from France on the 16th, the temperature climbing as high as 24°C in south-west France. The highest temperature here, though, occurred after dark, reaching 12.5°C at around 10pm. The next day was very pleasant with sunshine, light winds and a maximum of 12.7°C, the highest of the month.

With a weak ridge of high pressure crossing the United Kingdom on the 18th, winds were light, but it was generally cloudy & misty with some fog patches. The weather reverted to type on the 19th, with fronts pushing in from the west to bring rain & drizzle that evening. Fronts remained near by for most of the 20th, producing another cloudy day with periods of rain. There were showers early on the 21st before the skies cleared to allow us a mainly sunny day.

The pressure stayed low over the following four days. Initially there was a complex set of depressions over the central Atlantic, resulting in a mixture of spells of rain or heavy showers, but also spells of sunshine and temperatures continued to be well above normal. The area of low pressure moved slowly east over the British Isles on the 24th and 25th, eventually reaching southern Scandinavia and allowing our pressure to rise. This rise in pressure helped to ensure a mainly sunny day on the 26th, although cloud from the next weather system arrived that evening. A very moist airflow covered the Islands on the 27th, giving thick fog at the Airport for a while during the morning. Conditions improved overnight as a cold front cleared through, however, we had a couple of heavy showers early on the 28th, one of which was accompanied by thunder.

March

A cold front cleared through early on the 1st to leave us in a breezy and showery westerly airflow. It was, though, a mild day with sunny periods. A developing low approached from the south-west on the 2nd, passing just to the north of the islands that evening. This brought several hours of rain before moving away overnight, to be followed by a fair and mild day on the 3rd. A new depression then moved north off western Ireland, with its fronts bringing more rain. In the early hours of the 5th, following the passage of a cold front, there was a brief thunderstorm with some hail and gale force winds. The highest gust for the month occurred at this time with the peak of 58kt (67mph). The day was mild with sunny periods and no more showers, but rain arrived during the late evening.

With a complex area of low pressure centred to the north-west of Scotland and fronts crossing the rest of the United Kingdom, the 6th was a mainly cloudy and mild, but breezy day with spells of rain. On the 7th a depression moved south-east over the Bay of Biscay, with pressure rising over the British Isles. The pressure continued to rise generally over the next couple of days, although there was still some rain to come on the night of the 8th. By the 10th a large anticyclone had become established over Brittany and northern France. This brought a period of dry and settled weather, with plenty of sunshine on most days and the temperature two or three degrees above normal. Between the 9th and the 15th, the 12th was the only day with limited sunshine, due to the passage of a decaying cold front.

On the 16th a weakening cold front gave a few spots of rain, before the sun reappeared that afternoon. By now, though, the main area of high pressure had slipped south as active weather systems moved into northern Scotland. On the night of the 17th/18th a series of fronts swept south-east across the British Isles, pulling in colder air in their wake. The cold air reached here during the evening of the 18th, its arrival marked by hail showers with some lightning visible. That night there were further hail showers, with more lightning seen and winds up to gale force at times. The highest temperature for the 19th was just 7°C, about 3°C lower than any maximum temperature recorded previously in the month. The following

two days were equally cold, although with less frequent showers and more sunshine. It was cold enough for sleet to be reported at midnight on the 20th.

After the 21st the supply of the coldest Arctic air was cut off as fronts began to move into western Britain once more. This change did, though, bring much more cloud with rain or drizzle at times, however, the amount was small. The rain that fell in the early hours of the 25th contained dust, which left a noticeable covering on previously clean surfaces when the water evaporated. The next day was much brighter with the temperature rising and this was followed by a good spring day on the 27th. There was almost unbroken sunshine with light winds and the temperature climbed close to 15°C. The west coast was warmer still with a temperature of 18°C being recorded. The 28th was also mainly sunny and rather warm, although with patches of fog at first.

The last three days saw a return of cold air from the Arctic, bringing rain and hail showers for the afternoon of the 29th. The temperature fell low enough again for some sleet to be seen, with a brief heavy shower of hail during the late evening. There were more showers on the 30th, but with sunny periods in between, before rain arrived during the afternoon. More rain fell overnight, leading to a cloudy end to the month and the rather low temperatures being accentuated by a fresh breeze.

April

High pressure over Scotland and low pressure over southern France and the Mediterranean, at the start of the month, ensured a fresh to strong breeze for us. It was initially cloudy, even with some rain during the early hours of the 1st. The 2nd was a mainly sunny day, but with the strong breeze continuing. There was more cloud again on the 3rd, followed by sunny weather for the 4th. This, though, was the coldest day of the month, with the wind emphasising the chill.

Over the next couple of days the pressure gradient across the Islands decreased with a subsequent reduction in the wind. With the sun continuing to shine and the lighter winds, the temperature began to climb. Good Friday was a very pleasant day with over 10hrs of sunshine and the temperature getting close to 15°C. The rest of the Easter weekend was sunny as well, although not quite as warm.

The main anticyclone then drifted to the south-west and declined, but there was a renewed build of pressure across southern England. This pulled the wind back around to the east, allowing the temperature to rise once more, reaching 16.5°C on the 11th. Thundery weather then began to extend northwards over western France, bringing us more cloud and slightly lower temperatures. The heaviest of the rain missed us, with just over 1mm of rain falling on the 12th. The next day was mainly cloudy, with a little more rain and fog patches for a while.

The pressure rose again on the 14th, with a ridge of high pressure extending across southern Britain, from an anticyclone over southern Scandinavia. Despite limited sunshine, the 15th was a warm day with a maximum temperature of 18.3°C. The next day was even warmer, peaking at 19.3°C, although mist did encroach that evening. The Scandinavian high then edged south and declined, while a new high developed to the west of Ireland. This allowed a cold front to move south over the British Isles. This front was, though, very weak by the time it reached here, just giving us a cloudy day on the 17th.

Cold air did spread into Scotland for a while, but with the high moving east across Ireland and the southern part of Britain, the sun came out once more and the temperature moved up again. We continued to have warm and sunny weather from the 18th to 22nd, with very light winds. While we had plenty of sunshine fronts affected Ireland and Scotland. We saw no effect from these fronts until the 23rd. After some early fog, even this day turned out to be warm, with sunshine in the afternoon.

On the 24th a complex set of fronts was crossing Britain, giving wet weather over western areas. This situation produced a mainly cloudy day here, although it remained warm. The fronts weakened as they approached us, so we had only a small amount of rain early on the 25th. As the fronts moved away to the east, a ridge of high pressure built across the British Isles, with low pressure becoming established over Spain and southern France. This situation brought a strengthening north-east flow over the Channel, with the old front returning westwards.

The 26th and 27th were mainly cloudy days, with the temperature lowered by the combination of wind and cloud. Brighter conditions returned on the 28th, allowing the temperature to climb several degrees. Thunderstorms, though, tended to develop over France and then drift towards us, although tending to dissipate as they did so. We had some thunder and lightning on the morning of the 29th and some more late on the 30th. Any accompanying rainfall was brief.

May

At the start of the month low pressure was centred over and to the west of Biscay, with high pressure north of Scotland. This produced an easterly flow over the Islands, resulting in dry and sunny weather. It was also rather warm, although strong winds on the 2nd & 3rd made it feel cooler. By the 4th the main centre of high pressure had shifted to the west of Scotland, with low pressure now over the western Mediterranean. This pulled the wind around to the north, dragging in cloudier and colder air. The highest temperature reached on the 4th was a poor 11.3°C. The 5th was a brighter day with light winds, but by now the pressure had declined over the United Kingdom, allowing fronts to begin pushing in from the Atlantic.

On the 6th we started to have weather coming in from the Atlantic for the first time in over a month. The first fronts had arrived by dawn, but they were weak giving no more than a little drizzle. Mild and very moist air followed, though, ensuring that the day was cloudy with mist and then fog patches in the afternoon. The fronts stayed close by for the Bank Holiday, making it dull, damp and foggy. There was also a strong wind adding to the misery. Conditions did not change much over the next three days. Liberation day began with mist and drizzle, but there was some brightness during the day, especially with good shelter from the stiff south-west breeze. For these three days temperatures were above normal, although the lack of sun and strong wind ensured that it did not feel as such.

A small wave depression began to develop to the north of the Azores late on the 9th. It deepened as it moved north-east towards south-west England. By midnight on the 10th it had brought gale force winds to the Bailiwick, with gusts up to 48kt (55mph), that's just touching storm force. This is higher than is expected at this time of the year, but as recently as 2003 winds gusted to 52kt (60mph). As the depression moved away we did though see the sun for several hours, the first time since the 5th. More cloud and rain came in that evening, clearing through by midnight. The 12th had sunny periods, with some showers in the morning and the temperature remaining above normal.

A new low and its fronts gave rain for much of the morning on the 13th, accompanied by fog at times. The afternoon was brighter with showers. During the morning of the 14th the wind had veered to the north-west. This cleared the air to allow a sunny afternoon, but it became cooler. Fronts coming in from the west brought more cloud and rain for the 15th, with fog in the afternoon and the temperature struggling to beat 12°C. The 16th was no better with fog and drizzle in the afternoon; the fog becoming thick that evening. As with much of the period from the 6th to the 18th it was again windy. After a foggy morning the weather brightened up with sunny periods, although the wind was again strong and low cloud affected windward slopes. There was more thick fog early on the 18th, with fog patches through the morning. Finally the cloud cleared during the afternoon, to leave us with fine evening.

The 19th was a mainly sunny day, for a change, with more than 10 hours being recorded for the first time since the 2nd. This sunnier weather continued on the 20th, but by the evening cloud was encroaching from the south. The front responsible for this cloud stayed just to the south-east of us throughout the 21st. This ensured that we had a cloudy, cool and wet day, with some fog that evening. The front weakened and edged away eastwards overnight, so that by dawn on the 22nd the sky was clear. A developing ridge of high pressure brought us almost unbroken sunshine and there was more to come the next day. The total of 14.9 hours of sunshine on the 23rd meant that this was the sunniest May day since 1989. A third sunny day followed and the temperature climbed above 20°C for the first time this year. More warmth was promised for the 25th, but low cloud and sea fog arrived during the early morning, not dispersing until the late evening.

The influence of high pressure proved to be brief with the pressure falling once more. The 26th was mainly sunny, if not very warm, but a deepening low was approaching south-west Ireland. It had reached Cornwall by dawn on the 27th with its rain sweeping along the Channel. For most of southern England and south Wales this was a chilly and wet day. The rain cleared here during the morning, however, to allow sunny spells that afternoon, with only one or two showers. There was more rain again overnight and for part of the morning of the Bank Holiday, followed by mainly sunny conditions during the afternoon. Light winds and clear skies that night meant that by dawn on the 29th the temperature was lower than at any time since the 20th April. More low pressure came in for the 30th with a damp morning followed by a sunny afternoon. There were more showers for the end of the month, capping six wet days in succession.

June

Initially pressure was high over northern Scandinavia and low to the west of Britain, with a weak warm front moving north-east towards south-west England. We managed a mainly sunny day, although it was not very warm. The 2nd was also sunny and warmer, despite the approach of the weakening warm front. A layer of cloud covered the area on the 3rd, but it was thin enough for the sun to produce warm conditions, although with almost no sunshine being recorded. The following couple of days had a reasonable amount of sunshine, with the temperature above normal, although a strengthening north-east wind was to develop.

The full effect of stronger winds was felt on the 6th, with a large amount of low cloud being blown in from the North Sea. This stopped the temperature climbing even up to 15°C. This wind pulled in more low cloud the next day, but it did break up during the afternoon to make it a warmer day. By now the centre of high pressure had drifted westwards, with low pressure deepening over the Azores and thundery low pressure forming over Germany. This change in the weather pattern brought lighter winds once more and mainly sunny weather for the 8th, 9th and 10th. The 10th ended up with the highest temperature of the month, 22.6°C, thanks to winds blowing off France. Overnight showers spread northwards, although the total of rainfall was small.

Light north-west winds blew in areas of sea fog on the 11th, however, away from exposed coasts there was some warm sunshine. A weak ridge of high pressure allowed some more sunshine on the 12th, after a foggy start. Temperatures, though, fell back from the values over previous days. The weak ridge of high pressure then began to decline, allowing a depression to drift slowly north-east into the Bay of Biscay. Fronts from this depression brought mainly cloudy weather, with rain on both the 13th and 14th. South or south-east winds did ensure that it was still warmer than normal. The centre of the depression reached south-west England on the 15th. Despite the proximity of low pressure, though, we had a reasonably sunny day with little rain.

A couple of cooler days followed, with a fresh breeze on the 16th. The next low to affect us reached southern Biscay early on the 17th, with its fronts bringing rain during the afternoon. Brighter and warmer conditions came along on the 18th thanks to the presence of a transient ridge of high pressure. The next day saw temperatures climb further due to a feed of air from Spain. Yet another low was soon to influence our weather, although this was not obvious at first. The 20th proved to be mainly sunny and rather warm, but cloud from the low brought us rain for much of the day on the 21st.

The next two days were brighter and fairly dry, but the next low in the sequence was due to bring even more bad weather. Rain arrived early on the 24th, continuing for much of the day. As this low moved away to the north-east it brought in near gale force winds on the afternoon of the 25th. A gale was not recorded here, but we did have gusts to severe gale force, this accompanied by rain and a temperature of just 13°C. There was little let-up in the run of bad weather. The low responsible for the strong winds moved away rapidly towards Denmark, only for a new low to swing in across northern England. This did not give much rain here, but maintained the mainly cloudy and rather cool conditions on the 26th and 27th.

We saw the clearance of a cold front by dawn on the 28th. While yet more fronts were heading our way, we did manage a reasonably sunny day, although the temperature was still below normal. The next set of fronts brought rain, drizzle and patches of hill fog on the morning of the 29th. The afternoon was drier, but still cloudy. There was a break in the cloud was a couple of hours around dusk, before cloud from the following depression rolled in. The last day of the month was equally poor, with rain, drizzle and hill fog patches in the morning. A drier afternoon was followed by a wet evening.

July

At the start of the month low pressure was centred to the west of Ireland, with its fronts crossing Britain. This situation produced mainly cloudy weather with outbreaks of rain and a fresh breeze, ensuring that temperatures were below normal. By the 2nd the low had transferred to the Hebrides, maintaining rather cool and cloudy weather with spells of rain. A secondary low passed through early the next day bringing some heavy rain, before clearing away to allow sunny periods. We managed a mainly sunny day on the 4th, but it was windy and still rather cool.

The next weather system crossed the British Isles on the 5th, producing another cool, cloudy, breezy and damp day. Once this depression moved away conditions improved, with sunshine on each of the following three days. Despite the sunshine it remained rather cool, although the wind did at last die down. A couple of troughs crossed the area on the night of the 8th, bringing some heavy showers. There were sunny periods on the 9th, but fronts were never far away and these fronts gave some more rain that evening.

The 10th and 11th had further periods of sunshine, but with more breeze again blowing from the north-west the temperature did not pick-up. A warm front passed through early on the 12th, bringing very moist air, resulting in hill fog. Although there was only one very brief glimpse of the sun, the temperature reached its highest for the month so far; a poor 18.0°C. The wind backed to the south on the 13th. This had the result of pulling in clearer air from Brittany, allowing warm sunny periods to develop. The temperature at the Airport made it to 22.0°C, the highest for the month. Thanks to the southerly wind the north of the Island was several degrees warmer, with L'Ancresee seeing the temperature climb to 25.2°C.

Low pressure once again became the dominant feature near to the British Isles. With a generally southerly flow temperatures were marginally above normal, but the close proximity of fronts ensured a large amount of cloud. A slight build of pressure brought sunnier conditions for the 18th, although subsequently low pressure began to re-assert its influence.

The next four days saw sunny periods with some showers, but with the temperature falling back. On the evening of the 21st some funnel clouds were seen to the south-west of Guernsey.

On the 22nd a depression over the Atlantic deepened as it moved towards the mouth of the Channel. Its fronts gave several hours of rain during the early part of the 23rd. The rain then stopped, but the cloud failed to break and there was more drizzle late in the day. A transient ridge of high pressure gave sunny weather for the 24th. After a sunny morning on the 25th cloud, from the next Atlantic fronts, raced in with rain during the afternoon. More fronts over the next four days meant that the weather was mainly cloudy, with periods of rain and also fog at times. The largest amount of rain fell during the afternoon of the 27th.

A change in the weather pattern arrived on the 29th. An anticyclone developed to the west of Ireland, while the last fronts cleared the south coast of England. The cloud finally cleared that afternoon, then there was almost no cloud for the rest of the month. Despite unbroken sunshine on the 30th, it was rather cool day, due to the northerly airflow. That night proved to be one of the coldest this month, but this was followed by another sunny day with light winds

August

The anticyclone, which had given a sunny end to July, had moved through to Germany by the start of August. Its influence, though, was maintained for most of the 1st to give a mainly sunny and reasonably warm day. Thundery low pressure moving north-east over France, brought increased cloud that evening, which had then cleared away by midnight. A cold front moving south-east across the United Kingdom brought more cloud for the morning of the 2nd. There was some rain during the late morning, before the sun came out again in the afternoon. The pressure then rose again as a new high came in from the south-west. The result was unbroken sunshine for several days, with the temperature rising. The 4th proved to be the warmest day of the month, with a maximum of 22.7°C and this was followed by a warm night.

Fronts had been affecting the weather over western parts of Britain, but their progress eastwards was being delayed by high pressure over Europe. A weakening cold front eventually swept through on the night of the 5th, giving drizzle for a while. The cloud broke up rapidly the following morning, to leave us with another mainly sunny day. The temperature, though, dropped noticeably as the wind had swung around to the north-west. Winds from the north-west or north continued for the next three days, ensuring that both day and night-time temperatures were below normal, despite plenty of sunshine. The night of the 10th was the coolest of the month, due to light winds and clear skies. On the 11th, though, the temperature rose well reaching 20°C by mid-morning. The air was also extremely dry with a relative humidity of around 30% during the middle of the day.

Fronts from a developing low over the Hebrides brought in cloud for a while on the 12th, before the sun came out again by midday. On the morning of the 13th there were a few light showers, even with a funnel cloud being seen. A complex area of low pressure and its associated fronts pushed towards south-west England on the 13th. Rain and drizzle arrived that evening, with bursts of heavy rain at times after midnight. The 14th was damp throughout with rain or drizzle and patches of hill fog, all of this combined with a fresh breeze. The cloud eventually cleared towards midnight, leaving us in a showery airstream. The next couple of days saw a mixture of sunshine and showers, accompanied by a continuation of the wind.

A transient ridge of high pressure passed through on the 17th, before the depression and its fronts came into western Ireland to bring more bad weather. Winds again strengthened, helping to make the cool, dull and wet conditions even worse. The general situation on the 20th, showed low pressure and fronts both to the east and west of the British Isles, no surprise that it was wet, with only the merest glimpse of the sun. The low pressure then edged into Europe, while a ridge of high pressure pushed into western Britain. This pattern kept the south-east half of England, us included, cloudy with further rain at times. Despite the cloud, temperatures did start to rise closer to normal.

We eventually came under the influence of high pressure on the 24th. After some early drizzle it became much brighter, with sunshine in the afternoon. The following day was sunny, with the temperature climbing above 20°C at the Airport for the first time since the 11th. The next morning, though, we were plagued by fog. This cleared around lunchtime to allow a sunny afternoon.

The high maintained its influence for the rest of the month. The centre of the high remained to the west of the British Isles, though, allowing weak fronts to move south over the country from time to time. This also meant that there was no feed of warm air, so that over the last four days temperatures were just below normal.

September

A ridge of high pressure, extending from an anticyclone over the near Atlantic, gave a dry start to the month with sunny spells and near normal temperatures. The weather for the 2nd was similar, although late on a weakening frontal system gave some drizzle & mist. The fronts had cleared by late morning on the 3rd, to allow sunny conditions to return. A day of unbroken sunshine followed, over 12 hours being recorded, but it was a rather cool day due to the remnants of polar air hanging around.

The high strengthened further on the 5th and 6th, also tending to drift northwards. This situation cut off the supply of polar air and pulled the wind around to the north-east. Temperatures recovered gradually and by the 7th it had become warm, although the maximum temperature for the month of 21.2°C is notably lower than over recent years. The dry and mainly sunny weather persisted for the following eight days, with the daytime tending to be warmer than normal and the night slightly cooler than normal. The only rain that fell during this period occurred on the night of the 14th as a weak cold front passed through.

On the 16th the pressure fell below 1020mb for the first time this month as the high declined and a front moved south-east over the United Kingdom. This front reached us that night bringing rain and drizzle. The rain became moderate at times and by dawn on the 17th we had accumulated our highest daily total of rain since 20th August. With the wind now coming in from the north, the 17th and 18th proved to be cool days. The 18th saw a maximum of just 14.5°C, despite 10 hours of sunshine being recorded. That night was the coldest of the month at the Airport, with the temperature falling to 8.9°C, some 4°C below the average. The west of the island was much milder, thanks to a light wind off the comparatively warm sea. At Rocquaine the lowest temperature that night was 12.1°C and on Lihou it was 12.5°C.

The influence of high pressure continued until the 23rd. Fronts affected much of Britain from the 19th to 22nd, but the close proximity of high pressure to us ensured that these fronts never quite made it here. This period also saw temperatures climb back above normal, although we did not manage the high amounts of sunshine experienced earlier in the month. Active fronts finally brought rain here during the afternoon of the 23rd, before ceasing lat in the evening. By dawn on the 24th a sharp cold front was crossing the area. As it went through it gave a burst of very heavy rain and strong winds. A gust to 53kt was recorded at the Airport along with a temperature drop of nearly 4°C in a matter of minutes. This was the same front that spawned some small tornadoes over England.

From the 24th to the 28th the weather was cool and showery. We did not have many showers and there was a reasonable amount of sunshine, but temperatures were noticeably low. On the 27th the highest temperature reached at the Airport was just 13.3°C, or something more likely in early November. Low pressure swinging in from Europe brought cloudier conditions for the 29th, but it was at least warmer than the preceding few days. The 30th was mainly cloudy, with fronts from a depression off Iberia approaching from the south. These brought some heavy rain late on to boost our total for the month.

October

A depression centred off north-west Spain and a ridge of high pressure over Britain, produced a south-east airflow over the area on the 1st. With the sun out for several hours the temperature climbed well during the morning, to reach over 20°C by lunchtime. Following a clear night, with an unusually heavy dew, the 2nd turned out to be mainly cloudy and cooler. Over the next six days high pressure dominated the weather, ensuring light winds and long periods of sunshine, which allowed daytime temperatures to remain a couple of degrees above normal.

On the 9th pressure was still high, but this did not prevent a frontal system from crossing the British Isles. This system was active enough to give rain for much of that afternoon, before clearing off to the east. The continued presence of high pressure kept further active fronts away from the Islands, although it was less sunny than earlier in the month, with daytime temperatures somewhat lower.

We had our second damp day on the 16th, but even so we still had some warm sunshine before the rain arrived. The cloud and rain had gone by dawn on the 17th, with a mainly sunny day following. The wind by now had swung around to the north, hence lower temperatures than previously. The pressure was at its highest over the next four days, with a dry and clear easterly flow affecting southern England and the Channel. The air reaching us had originated over Scandinavia, so that despite plenty of sunshine it became rather cool, with a number of chilly nights.

The 22nd saw a very weak front come in from the east. This resulted in a cool and cloudy, but dry day. The sun was out again the next day, but by now, though, the wind had strengthened to accentuate the fall in temperature. Whilst the pressure remained high, another weak front came in from the east, bringing two sunless days. There was enough activity

from the front to produce periods of light rain or drizzle. Due to a lack of sunshine there was not much difference between day and night temperatures. On the 25th, for instance, the temperature hovered around 10°C all day.

On the 27th the wind veered to the south-west, which helped to push the temperature back above normal. The following day we had what might be thought of as normal late October weather, being dull, breezy and wet. The rain was gone shortly after dark, to be followed by a showery airstream. An active trough passed through later in the night giving some more heavy rain for a while. We ended up with 13.6mm of rain being credited to the 28th, or nearly two-thirds of the month's rain in one day. Over the last three days the pressure rose once more, bringing a return of dry, mainly sunny and reasonably warm weather

November

Initially high pressure was centred close to the Islands, with fronts crossing northern England and Scotland. This pattern gave a very quiet start to November, but there was a large amount of cloud circulating the high, so that we had no sunshine, but it was at least mild. The sun broke through on the 2nd which, combined with light winds, raised the temperature to a pleasant 15.5°C. The high was moving around only slowly, so changes over the following two days slow. More cloud came through on the 3rd, with sunshine again for a while on the 4th, by which time the centre of high pressure was over the Midlands, giving a north-east wind in the Channel.

The high drifted south on the 5th, giving a quiet, but cloudy day with temperatures staying above normal. A weak cold front passed through that night with just enough activity on it to give a short burst of rain for central and eastern parts of the Island. The next day was mainly sunny with a light breeze blowing. The centre of high pressure remained out over the Atlantic ensuring west to north-west winds. As the high pulled away further into the Atlantic and fronts crossed central and northern Britain, the wind strengthened. It stayed mild, though, with increasing cloud. A weak front crossed the area on the 8th producing a few light showers, followed in turn by a renewed build of pressure.

Temperatures were average or above until the 12th. By that stage a northerly flow had spread south across the British Isles, with skies clearing as a new anticyclone moved into Ireland. That night a minor ground frost was noted at the Airport before cloud arrived from the west. The 13th was cloudy with rain or drizzle at times, followed by light showers later. Brighter conditions came along on the 14th and the 15th was mainly sunny if rather cool. A second slight ground frost was recorded early on the 16th, followed by cloudier skies during the day. The pressure was still high, with no fronts being indicated on the weather charts. We did, however, have some heavy rain just before dawn on the 17th to give us our wettest day since the October 28th.

The pressure fell through the day on the 17th as a deepening low moved south over Ireland. This low then slowed down over south-west England before drifting off south-westwards into the Atlantic. The 17th was a chilly day with the temperature around 7°C for most of the time. The 18th was dull and wet, but it became less cold and the 19th which was dry and reasonably sunny, despite the pressure being at its lowest. The low pressure was dominant until the 22nd when a ridge of high pressure pushed into Ireland. For the 23rd we had bright, but cool conditions due to the presence of air of Arctic origin. The night of the 23rd/24th was the coldest of the month with the third and most marked ground frost at the Airport.

The 25th proved to be a milder and reasonably sunny day, despite winds blowing from between north and north-west. The mild weather continued with high pressure keeping it generally dry, although there was a large amount of cloud around for much of the time. On the 28th the pressure fell as an unsettled westerly regime became established across the Atlantic. We had rain on afternoon of the 28th and again after dawn on the 29th, with further heavy rain on the afternoon of the 30th.

December

A cold front had just cleared the area by the start of the month, with showery conditions following. Through the day there were some heavy showers blown along by a strong wind. There was hail reported in a couple of the showers, but it was, nonetheless, a mild day. Fronts moving in from the south-west brought heavy rain overnight with the wind strengthening further, but it also became very mild. Gales blew for much of that afternoon, increasing to storm force 10 briefly during the evening. The strongest gust recorded, 71kt (82mph), was the highest measured at the Airport since the Burns Day storm of 1990. The gales persisted into the early hours of the 3rd, but there were reasonable sunny periods through the day, with just one or two showers.

The 4th was a quieter and very mild day, although cloudy with rain & drizzle in the morning. That night was exceptionally mild with the temperature falling no lower than 12°C and the temperature rose to its highest value for the month (13.8°C) on the 5th. More fronts swept through the next day, keeping the weather dull, damp, breezy and very mild.

The wind was up to gale force at times again on the 7th and by now the temperature was starting to fall. From the morning of the 3rd until the afternoon of the 7th the temperature had remained above 10°C, that's three to four degrees above normal.

Gales returned late on the 8th, continuing for much of the time the next day. The strongest winds were marginally less than on the 2nd, but we still had a gust to 69kt (79mph), quite enough to do structural damage and bring down trees. The strongest winds were brought along with the frequent squally showers, with the temperature dropping sharply as each shower went through. Following the passage of the deepest depression seen this month, the pressure began to climb steadily as a developing anticyclone moved in from the south-west. The 10th was another windy day, however, without a gale and there was a good amount of sunshine. That night as the pressure gradient slackened and with clear skies, the temperature fell notably lower than at anytime in the month so far. At the Airport the temperature dropped to 3.1°C shortly after dawn on the 11th, with the temperature on the ground down to -4.5°C. The 11th had unbroken sunshine and almost no wind, despite which, the temperature failed to reach 10°C for the first time in December.

High pressure was by now the dominant aspect of the general situation, being in control of the weather for almost the rest of the month. By the 12th a large anticyclone was centred over southern Norway with a strong ridge down to northern France. This ensured that the weather was dry and cold, but with variable amounts of cloud. Areas of cloud were moving around slowly in the general circulation, meaning that one or two cloudy days could be followed by two or three sunny ones. With winds light at times for several days, the temperature fell close to freezing at night, giving further ground frosts. By the 15th the pressure gradient over the Channel had tightened, bringing stronger easterly winds. These tended to suppress the daytime temperatures further; on the 16th the highest reading was just 4.4°C. The 17th was mainly sunny again, but the wind was even stronger with gusts up to gale force for several hours. Having escaped an air frost so far, the temperature dipped to -0.1°C for a short time late that evening.

The 18th was sunny once more and that night was mainly clear. Shortly after dawn on the 19th, though, a sheet of low cloud spread in from the east. With the cloud the temperature fell, dropping as low as -0.5°C during the late morning. As the cloud moved away during the afternoon the air temperature rose and failed again to drop below freezing for the rest of the month. On the ground surface the temperature that night was below freezing and this allowed the formation of a widespread frost. This caused problems the following morning for the first flights on the day and also on the roads, with several shunts being reported. The ground frost returned that evening, but was not as extensive this time. The 21st was another mainly sunny day and by now the temperature was on the rise.

By the 22nd cloud had come in from the south and this stayed with us through the day. Some rain fell around lunchtime, the first since the early hours of the 10th. That night a weak cold front cleared through and by the morning of the 23rd the sky was clear again. There was almost no wind for most of the morning and with a couple of hours of sunshine, the temperature had climbed to over 11°C by midday. This was in marked contrast to much of the United Kingdom and northern France, which had fog most of the day. It was even foggy in Jersey, where the Airport had flights disrupted. Christmas Eve was mild with more sunshine in the morning, followed by cloud in the afternoon. The weather stayed cloudy on Christmas Day, with rain or drizzle not clearing until the evening.

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2007 will not be remembered for crowded beaches and lazy days in the sunshine. With a comparatively high number of gales, car drivers using the island's west coast roads will, however, remember days when the sea got rather too close for comfort.

Photo credit: David Cunningham

ANNUAL WEATHER SUMMARY

MONTH	MEAN AIR TEMPERATURE °C		RAINFALL mm		SUNSHINE hrs	
	2007	DIFFERENCE FROM AVERAGE	2007	PERCENTAGE OF AVERAGE	2007	PERCENTAGE OF AVERAGE
JAN	9.0 *	+2.4	98.0	109.9	34.0	58.7
FEB	8.8	+2.5	131.2	171.5	95.2	121.4
MAR	8.3	+0.9	73.5	110.2	164.0	130.1
APR	11.7 *	+3.0	6.9	13.5	245.3	133.9
MAY	12.4	+0.8	83.4	168.1	201.0	86.0
JUN	14.9	+0.9	86.7	187.7	178.2	74.8
JUL	15.6	-0.6	74.0	196.8	235.3	94.8
AUG	16.1	-0.5	72.1	157.4	240.6	102.4
SEP	14.8	-0.3	32.5	48.7	211.5	121.6
OCT	13.0	+0.4	22.3	25.0	148.2	125.3
NOV	10.3	+0.8	78.0	79.7	76.3	101.9
DEC	7.8	0.0	110.1	102.6	79.0	151.3
YEAR	11.9	+0.8	868.7	105.4	1908.6	104.9

* NEW RECORD

SUNSHINE

MONTH	SUNSHINE (hours)						SUNNIEST DAY		% OF POSSIBLE SUN		SUNLESS DAYS	
	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2007	DATE	AVERAGE 1971-2000		2007	AVERAGE 1971-2000
JAN	34.0	57.9	112.8	1998	26.0	1966	4.9	25th	12.6	21.5	14	10.7
FEB	95.2	78.4	140.9	1959	36.1	1976	8.2	3rd	32.3	26.6	4	6.9
MAR	164.0	126.1	206.1	1973	67.4	1964	10.4	21st,27th	44.6	34.3	3	5.6
APR	245.3	183.2	280.4	1984	122.2	1981	13.4	19th	60.0	44.8	0	2.6
MAY	201.0	233.8	336.4	1989	136.9	1981	14.9	23rd	42.5	49.4	3	1.8
JUN	178.2	238.2	355.3	1975	147.8	1977	14.0	8th	37.0	49.5	1	1.9
JUL	235.3	248.1	335.9	1959	167.7	1972	14.2	30th,31st	48.6	51.2	0	1.4
AUG	240.6	235.0	323.0	1955	139.2	1992	14.2	5th	54.4	53.1	1	1.2
SEP	211.5	174.0	266.5	1959	104.5	1956	12.3	4th	56.1	46.2	0	2.3
OCT	148.2	118.3	176.4	1971	72.6	1968	10.4	5th	44.7	35.7	3	4.6
NOV	76.3	74.9	123.6	2006	38.9	1981	7.7	6th	28.1	27.6	5	6.9
DEC	79.0	52.2	108.9	2001	26.6	1966	7.5	20th	31.0	20.4	6	11.0
YEAR	1908.6	1819.9	2262.8	1959	1532.5	1981	14.9	23-May	42.8	40.8	40	56.8

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN PRESSURE						EXTREME PRESSURE			
	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	RECORD HIGHEST	DATE & TIME G.M.T.	RECORD LOWEST	DATE & TIME G.M.T.
JAN	1020.8	1017.1	1030.5	1992	1001.1	1948	1045.9	30/1989 0945	966.6	20/1965 1220
FEB	1008.8	1017.0	1032.1	1959	1003.5	1966	1047.5	7/1964 1050	952.5	25/1989 1050
MAR	1018.3	1016.7	1029.9	1953	1003.0	1947	1047.7	3/1990 0930	969.6	13/1951 1630
APR	1022.1	1015.3	1025.1	1954	1002.6	1998	1040.2	10/1947 0800	979.5	16/1998 1620
MAY	1012.8	1015.7	1025.3	1991	1007.6	1983	1036.1	22/1991 0900	981.3	5/2004 2350
JUN	1013.0	1017.8	1024.5	1962	1009.5	1997	1037.5	14/1959 0850	988.9	9/1954 1500
JUL	1014.1	1018.4	1023.5	1969	1013.9	1988	1034.5	12/1969 1150	986.6	3/1988 0845
AUG	1017.3	1017.6	1022.0	1981	1011.9	1963	1036.1	12/1949 0930	982.3	9/1948 0000
SEP	1022.9	1017.1	1024.2	1977	1009.9	1999	1037.3	22/1947 0700	974.7	13/1993 0630
OCT	1024.2	1015.6	1024.5	1971	1003.9	1960	1040.0	26/1969 2200	959.5	16/1987 0200
NOV	1022.6	1016.2	1026.2	1978	1001.5	2000	1041.9	2/2001 0850	965.0	19/1996 1720
DEC	1022.4	1016.0	1029.5	1991	1000.6	1978	1046.0	25/1991 0950	964.2	8/1954 1450
YEAR	1018.3	1016.7	1019.8	1949	1013.4	1960	1047.7	03/02/1990 0930	952.5	25/02/1989 1050

RAINFALL

MONTH	RAINFALL mm						WETTEST DAY		RAIN DAYS (≥0.2mm)		WET DAYS (≥1.0mm)	
	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2007	DATE	AVERAGE 1971-2000		2007	AVERAGE 1971-2000
JAN	98.0	89.2	210.0	2001	15.4	1992	15.6	22nd	22	19.0	17	14.8
FEB	131.2	76.5	182.8	1978	4.8	1965	30.0	13th	20	16.3	16	12.3
MAR	73.5	66.7	179.6	2001	2.7	1961	13.1	29th	19	16.3	13	12.0
APR	6.9	51.1	130.4	1966	2.9	1980	1.7	28th	7	12.9	4	9.5
MAY	83.4	49.6	128.7	1994	4.1	1989	12.3	27th	18	11.8	15	8.5
JUN	86.7	46.2	129.7	1986	0.6	1976	22.8	24th	16	10.6	10	7.2
JUL	74.0	37.6	120.2	1960	3.9	1999	14.8	27th	20	9.7	15	6.7
AUG	72.1	45.8	122.0	1951	3.8	1955	21.6	13th	9	10.2	8	7.2
SEP	32.5	66.8	194.5	1952	6.9	1997	10.1	23rd	9	13.5	7	9.9
OCT	22.3	89.1	233.9	1960	3.4	1978	13.6	28th	8	16.3	3	12.5
NOV	78.0	97.9	192.5	1965	16.1	1978	16.5	17th	13	18.5	7	14.8
DEC	110.1	107.3	249.6	1999	28.1	1953	30.8	1st	14	19.1	12	15.5
YEAR	868.7	824.0	1317.0	1960	531.3	1989	30.8	01-Dec	175	174.1	127	130.6

* NEW RECORD

TEMPERATURE °C

MONTH	MEAN MAXIMUM		HIGHEST MAXIMUM				MEAN MINIMUM		LOWEST MINIMUM			
	2007	AVERAGE 1971-2000	2007	DATE	RECORD HIGHEST	DATE	2007	AVERAGE 1971-2000	2007	DATE	RECORD LOWEST	DATE
JAN	10.6 *	8.4	13.3 *	9th	13.3	4/1948	7.4 *	4.7	1.0	26th	-7.8	20/1963
FEB	10.6	8.2	12.7	17th	15.0	29/1948	7.0 *	4.4	3.4	6th	-7.2	21/48,7/91
MAR	10.8	9.6	14.6	27th	19.4	29/1965	5.8	5.2	2.4	19,21,22	-2.2	10,11/1958
APR	14.9 *	11.2	19.3	15th	24.3	16/2003	8.5 *	6.2	4.1	10th	-1.4	11/1986
MAY	14.7	14.4	20.3	24th	25.9	30/2003	10.0	8.7	7.0	29th	0.1	2/1979
JUN	17.5	16.9	22.6	10th	30.8	26/1976	12.3	11.1	9.1	2nd	5.4	1/1975
JUL	18.0	19.2	22.0	13th	31.7	1/1952	13.2	13.2	11.0	9th	8.3	8/1954
AUG	18.7	19.5	22.7	4th	34.3	9/2003	13.4	13.7	11.8	11th	9.2	28/1986
SEP	17.7	17.6	21.2	7th	30.6	2/1961	12.0	12.5	8.9	19th	5.8	28/1974
OCT	15.3	14.7	20.5	1st	23.3	4,5/1959	10.6	10.5	6.0	23rd	3.5	28/2003 (18/52,19/85 22,28/93
NOV	12.4	11.4	15.5	2nd	16.8	1/1999	8.3	7.7	4.2	16th,24th	0.0	
DEC	9.9	9.6	13.8	5th	15.6	6/1953	5.7	6.0	-0.5	19th	-3.8	24/1963
YEAR	14.3	13.4	22.7	04-Aug	34.3	09/08/03	9.5	8.7	-0.5	19-Dec	-7.8	20/01/63

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	9.0 *	6.6	8.6	1993	1.5	1963	3.2	3.7	4.7	1984	3.1	1957,66,76,91,96
FEB	8.8	6.3	9.0	1990	1.5	1986	3.6	3.8	4.6	1988	3.0	1986
MAR	8.3	7.4	10.3	1957	4.4	1962	5.0	4.4	6.4	1953	3.7	1964,81,88
APR	11.7 *	8.7	10.9	1961	6.4	1986	6.4	5.0	6.3	1984	3.7	1994
MAY	12.4	11.6	13.9	1989	9.9	1984	4.7	5.7	7.3	1989	4.6	1981
JUN	14.9	14.0	16.7	1976	11.3	1972	5.2	5.8	8.3	1976	4.1	1977
JUL	15.6	16.2	19.4	1983	13.8	1954	4.8	6.0	7.9	1983	4.4	1954
AUG	16.1	16.6	19.3	2003	14.3	1956	5.3	5.8	7.3	1955	4.3	1958
SEP	14.8	15.0	17.5	1949	12.8	1986	5.7	5.0	6.1	1961	3.6	1967
OCT	13.0	12.6	15.2	2001	9.6	1974	4.7	4.1	5.1	1947	3.5	1968
NOV	10.3	9.3	12.0	1994	7.7	1993	4.1	3.7	4.9	1969	2.8	1994
DEC	7.8	7.4	10.1	1953	4.6	1950	4.2	3.6	4.5	1968	2.8	1987
YEAR	11.9	11.1	12.1	1989/2003	9.6	1963	4.8	4.7	5.2	1949,89,90	4.3	1977

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				DAYS WITH AIR FROST				DAYS WITH GRASS MINIMUM BELOW 0°C			
	2007 DATE		RECORD DATE LOWEST		2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	-6.2	26th	-10.0	29/1947	0	2.5	16	1963	4	7.4	20	1985
FEB	-4.5	5th	-11.1	12/1978	0	2.6	18	1986	2	7.8	24	1956
MAR	-4.9	22nd	-9.4	3/1965	0	0.6	4	1947	10	7.0	18	1955
APR	-1.4	5th	-7.0	5/1990	0	0.1	1	1978,86	7	4.5	10	1984
MAY	0.7	4th	-5.6	5/1979	0	0.0	-		0	2.0	9	1979
JUN	4.2	2nd	-3.0	14/1987	0	0.0	-		0	0.3	3	1987,89
JUL	3.8	8th	1.0	Jul-96	0	0.0	-		0	0.0	-	
AUG	3.9	11th	0.8	11/1981	0	0.0	-		0	0.0	-	
SEP	3.3	30th	-1.0	23/1979	0	0.0	-		0	0.1	1	1979,86,87
OCT	2.0	23rd,31st	-4.0	30/1983	0	0.0	-		0	0.5	6	1992
NOV	-2.5	24th	-5.6	29/1987	0	0.0	-		3	3.3	9	1988
DEC	-4.6	14th	-8.9	29/1964,27/1995	2	1.0	5	1970	7	5.4	10	1976
YEAR	-6.2	26-Jan	-11.1	12/02/1978	2	6.7	31	1963	33	38.4	62	1985
* NEW RECORD												

* NEW RECORD

NUMBER OF DAYS WITH

MONTH	FOG					THUNDER				
	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR
JAN	6	5.8	13	1955,82	2	1963,67,72,74,92	0	0.8	4	1979,98
FEB	5	7.0	15	1979	0	1969	3	0.5	3	1957,89
MAR	3	7.9	16	1960,94	0	1968,73	1	0.5	4	1958,67,82,87,95
APR	6	6.0	16	1963	2	1976,90	2	0.7	4	1981,95
MAY	12	7.1	19	1964	2	1988	1	1.2	4	1950,71
JUN	7	9.9	18	1965	1	1975	2	1.3	6	1982
JUL	8	11.2	20	1972,78	4	1966	0	1.6	5	1982,94
AUG	3	9.4	21	1997	2	1976	0	1.4	5	1974
SEP	3	5.6	15	1987	0	1952,53,72	0	1.2	10	1976
OCT	0	4.0	17	1986	0	-	0	1.4	5	1964
NOV	0	3.9	14	1992	0	-	0	0.8	4	1969
DEC	0	4.6	11	1995	0	1947,64,75	0	1.1	4	1976,93
YEAR	53	82.6	115	1994	55	1989	9	12.3	21	1982,95

MONTH	SNOW OR SLEET				HAIL					
	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	2	2.9	12	1963,85	6	5.4	13	1984,85	0	1955,64,70,92,93
FEB	0	3.9	18	1956	4	3.9	13	1988	0	—
MAR	2	1.7	10	1962,70	5	3.9	9	1979	0	—
APR	0	0.9	4	1970	0	3.0	10	1994	0	—
MAY	0	0.1	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	0	—
AUG	0	0.0	—		0	0.2	1	—	0	—
SEP	0	0.0	—		0	0.4	2	1973,74,84	0	—
OCT	0	0.0	—		0	1.7	7	1992	0	—
NOV	0	0.6	5	1980	0	4.2	11	2000 1979,82,86	0	1948,55,83,94,95
DEC	0	1.6	8	1962,70	1	4.5	10	1993,2004	0	1964,68,75
YEAR	4	11.6	30	1962,63,70,79	17	28.1	50	1986	10	1964

MONTH	RAIN DAYS(≥0.2mm)				WET DAYS(≥1.0mm)					
	2007	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	2007	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	22	31	1948	4	1992	17	28	1948	3	1992
FEB	20	26	1970,95	2	1959	16	23	1951	1	1965
MAR	19	27	1979	3	1961	13	21	1947	1	1961
APR	7	21	1983	3	1976	4	18	1966	1	1976,80
MAY	18	26	1981	2	1989	15	19	1981	1	1989
JUN	16	21	1991	3	1975,76	10	14	1987,91	0	1976
JUL	20	20	1960	3	1999	15	15	1950	1	1999
AUG	9	21	1963	1	1976	8	18	1992	1	1955,76
SEP	9	23	1950,52	4	1959,97	7	21	1950	2	1959,97
OCT	8	28	1981	5	1965,78	3	24	1981	1	1978
NOV	13	27	1960	8	1978	7	25	1960	5	1988
DEC	14	28	1993	8	1991	12	26	1959	5	1991
YEAR	175	212	1960	138	1971	127	175	1960	96	1953

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (KNOTS)			
	2007	AVERAGE 1971-2000	2007	AVERAGE 1971-2000	RECORD HIGHEST	YEAR	2007	DATE	RECORD HIGHEST	DATE
JAN	15.5	14.7	5	2.6	11	1984	57	1st	77	25/1990
FEB	13.9	13.3	3	1.5	10	1990	63	12th	69	9/1988,11/1990
MAR	12.5	12.6	2	1.0	6	1980	58	5th	70	10/1982
APR	9.1	11.9	0	0.3	2	1964,72,83,94	34	2nd	60	9/1994
MAY	12.8	11.1	2 *	0.1	1	1954,55,58 1962,72,79,96	48	11th	58	19/1996
JUN	10.0	10.6	0	0.0	0	-	45	25th	51	16/1965
JUL	11.5	10.3	0	0.0	1	1956,69	37	6th	63	31/1983
AUG	9.9	9.7	0	0.0	1	1956,61,86	35	14th,20th	52	26/1986
SEP	9.2	11.1	0	0.2	2	1953,65,74,83	53	24th	60	29/1962
OCT	8.3	12.5	0	0.9	4	1967,76	31	24th,29th	81	16/1987
NOV	10.6	13.5	0	1.3	8	1977	43	8th	73	23/1984
DEC	15.1	14.5	6	2.2	9	1979	71	2nd	83	15/1979
YEAR	11.5	12.1	18	10.1	20	1972	71	02-Dec	83	15/12/1979

* NEW RECORD

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	-	-	-	-	-	-	-	-	-	-	-	-	3.8
	4-10 knots	2.7	2.2	0.3	0.4	-	0.7	0.3	3.2	1.9	1.5	3.9	5.8	22.7
	11-21 knots	2.3	3.8	1.1	0.3	-	-	2.2	21.0	11.3	6.5	6.2	0.7	55.1
	22-33 knots	-	0.8	0.8	-	-	-	0.1	2.8	6.2	5.1	2.2	-	18.0
	≥34 knots	-	-	-	-	-	-	-	-	-	0.4	-	-	0.4
	DIRECTION ONLY	5.0	6.7	2.2	0.7	-	0.7	2.6	27.0	19.4	13.4	12.2	6.5	-
FEB	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	6.1
	4-10 knots	3.1	3.3	1.0	1.8	2.4	3.4	4.8	2.5	2.1	0.6	0.7	2.1	27.8
	11-21 knots	-	0.1	6.1	3.1	1.3	10.3	8.2	7.0	6.8	3.1	4.2	1.3	51.6
	22-33 knots	-	-	-	-	-	-	0.7	0.7	6.7	5.2	1.3	-	14.0
	≥34 knots	-	-	-	-	-	-	-	-	0.3	0.1	-	-	0.4
	DIRECTION ONLY	3.1	3.4	7.1	4.9	3.7	13.7	12.9	10.3	15.9	9.1	6.3	3.4	-
MAR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	4.2
	4-10 knots	5.4	5.4	2.3	3.0	0.4	2.2	2.0	2.0	1.1	2.8	6.5	4.3	37.2
	11-21 knots	7.7	6.0	2.3	0.9	0.1	3.8	1.6	4.0	4.7	5.9	7.7	2.7	47.4
	22-33 knots	0.1	-	-	-	-	-	0.5	0.8	2.2	2.8	2.2	2.4	11.0
	≥34 knots	-	-	-	-	-	-	-	-	-	-	0.1	-	0.1
	DIRECTION ONLY	13.2	11.4	4.6	3.9	0.5	5.9	4.2	6.9	7.9	11.6	16.4	9.4	-
APR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.8
	4-10 knots	8.5	11.3	15.6	6.3	3.2	2.9	3.1	2.8	1.1	1.4	3.6	4.2	63.8
	11-21 knots	-	12.9	15.3	0.3	-	-	-	0.1	0.4	0.6	0.3	-	29.9
	22-33 knots	-	-	0.6	-	-	-	-	-	-	-	-	-	0.6
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	8.5	24.2	31.4	6.5	3.2	2.9	3.1	2.9	1.5	1.9	3.9	4.2	-
MAY	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	0.7
	4-10 knots	5.8	5.8	2.0	0.5	1.2	1.3	1.6	1.7	3.5	1.1	4.3	8.9	37.8
	11-21 knots	1.1	4.7	4.3	0.3	0.3	2.6	2.4	6.5	20.0	6.6	5.9	2.6	57.1
	22-33 knots	0.7	0.4	0.4	-	-	-	-	0.1	0.8	1.2	-	0.8	4.4
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	7.5	10.9	6.7	0.8	1.5	3.9	4.0	8.3	24.3	8.9	10.2	12.2	-
JUN	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.3
	4-10 knots	2.6	4.7	2.2	2.4	6.4	5.6	5.7	6.4	4.0	5.7	1.7	4.6	51.9
	11-21 knots	-	4.6	3.8	1.7	0.1	1.7	4.7	4.3	12.2	3.9	3.9	0.1	41.0
	22-33 knots	-	-	-	-	-	-	-	-	0.6	0.4	0.8	-	1.8
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	2.6	9.3	6.0	4.0	6.5	7.2	10.4	10.7	16.8	10.0	6.4	4.7	-
JUL	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.5
	4-10 knots	1.6	0.3	1.6	0.8	2.0	2.0	3.6	5.5	6.6	4.6	4.8	5.0	38.4
	11-21 knots	-	-	0.5	0.7	0.5	0.8	2.0	10.3	17.6	16.7	3.9	0.3	53.4
	22-33 knots	-	-	-	-	-	-	-	-	0.3	2.4	-	-	2.7
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	1.6	0.3	2.2	1.5	2.6	2.8	5.6	15.6	24.5	23.7	8.7	5.2	-
AUG	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.9
	4-10 knots	6.5	9.1	1.7	0.8	2.3	1.5	1.9	2.3	4.3	3.0	5.6	12.8	51.7
	11-21 knots	5.5	5.2	1.1	-	-	0.8	2.2	5.4	5.4	7.0	7.1	2.7	42.3
	22-33 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	12.0	14.4	2.8	0.8	2.3	2.3	4.0	7.7	9.7	9.9	12.8	15.5	-
SEP	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	8.9
	4-10 knots	10.0	10.1	4.0	1.4	2.4	0.1	0.6	4.7	2.8	5.3	5.7	7.2	54.3
	11-21 knots	6.0	0.8	1.0	0.8	-	-	2.1	2.8	6.9	7.4	3.2	4.6	35.6
	22-33 knots	-	-	-	-	-	-	-	0.3	-	1.0	-	-	1.3
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	16.0	11.0	5.0	2.2	2.4	0.1	2.6	7.8	9.7	13.6	8.9	11.8	-
OCT	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	11.6
	4-10 knots	4.6	6.0	8.5	9.9	7.5	4.8	0.4	2.4	2.8	1.5	2.0	5.9	56.5
	11-21 knots	0.9	0.4	8.5	2.0	1.1	1.1	1.3	7.4	1.6	0.7	2.7	4.3	32.0
	22-33 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	5.5	6.5	16.9	12.0	8.6	5.9	1.7	9.8	4.4	2.2	4.7	10.2	-
NOV	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.3
	4-10 knots	6.1	6.9	2.5	1.7	1.7	2.4	1.7	4.0	4.2	1.9	6.9	9.2	49.2
	11-21 knots	1.5	2.4	0.3	-	0.4	1.5	4.2	5.4	3.8	4.9	9.0	9.4	42.8
	22-33 knots	-	-	-	-	-	1.1	-	0.3	0.4	0.7	-	0.3	2.8
	≥34 knots	-	-	-	-	-	-	-	-	-	-	-	-	-
	DIRECTION ONLY	7.6	9.3	2.8	1.7	2.1	5.0	5.8	9.7	8.3	7.5	16.0	18.9	-
DEC	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	4.0
	4-10 knots	1.7	0.1	0.3	4.4	6.2	5.5	1.7	4.4	1.6	2.3	1.5	0.9	30.8
	11-21 knots	0.3	-	4.0	10.1	0.7	1.2	3.0	10.9	3.1	2.4	3.2	1.1	39.9
	22-33 knots	-	0.1	0.8	0.1	-	-	0.3	2.2	7.3	7.9	3.8	0.7	23.1
	≥34 knots	-	-	-	-	-	-	-	-	0.5	1.6	-	-	2.2
	DIRECTION ONLY	2.0	0.3	5.1	14.7	6.9	6.7	5.0	17.5	12.5	14.2	8.5	2.7	-
YEAR	0-3 knots	-	-	-	-	-	-	-	-	-	-	-	-	5.6
	4-10 knots	4.9	5.4	3.5	2.8	3.0	2.7	2.2	3.5	3.0	2.6	4.0	5.9	43.5
	11-21 knots	2.1	3.4	4.0	1.7	0.4	1.9	2.8	7.1	7.9	5.5	4.8	2.5	44.0
	22-33 knots	-	0.1	0.2	-	-	-	-	0.6	2.0	2.2	0.9	0.4	6.6
	≥34 knots	-	-	-	-	-	-	-	-	(0.07)	0.2	(0.01)	-	0.3
	DIRECTION ONLY	7.9	9.8	8.2	4.6	3.6	5.1	5.4	11.6	13.2	10.9	10.2	9.4	-

GUERNSEY AIRPORT MET OFFICE 2000

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		0.5											
2			3.5			0.5							
3													
4													
5	1.5						4.0						
6	1.5				1.0								
7					4.5								
8	0.5				3.0				1.0				
9				0.5		6.0							
10					1.0								
11						4.5							
12	1.5						7.0						
13				0.5									
14						1.0		3.0					
15					4.0								
16					5.0								
17					6.0								
18		4.5			4.5			0.5					
19	2.0						1.0						
20													
21					3.5								
22													
23				1.0									
24													
25					6.5								
26								5.5					
27		4.5					5.5						
28			2.5										
29				0.5		1.0							
30					0.5	3.5							
31													
Tot Hrs	7.0	9.5	6.0	2.5	39.5	16.5	17.5	9.0	1.0	0.0	0.0	0.0	108.5
Tot Days	5	3	2	4	11	6	4	3	1	0	0	0	39

Averages for Period 1991-2006

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	18.7	20.6	30.5	22.3	21.9	20.9	30.4	20.3	10.5	5.2	9.0	10.4	220.9
Days	4.4	4.8	7.9	6.3	6.3	7.2	9.0	7.6	3.4	2.6	3.1	3.8	66.3

GUERNSEY AIRPORT MET OFFICE 2000

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			0.5			0.5							
3													
4													
5	0.5						3.5						
6													
7					2.5								
8					1.5								
9				0.5		5.5							
10					0.5								
11						2.5							
12							6.0						
13													
14								2.0					
15					2.5								
16					2.5								
17					5.0								
18		1.0			4.5								
19	1.0												
20													
21													
22													
23													
24													
25					1.0								
26								5.0					
27		3.5					3.5						
28			0.5										
29				0.5		0.5							
30						1.5							
31													
Tot Hrs	1.5	4.5	1.0	1.0	20.0	10.5	13.0	7.0	0.0	0.0	0.0	0.0	58.5
Tot Days	2	2	2	2	8	5	3	2	0	0	0	0	26

Averages for Period 1991-2006

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Hours	10.3	9.9	14.1	11.3	11.9	9.8	13.8	8.6	4.5	1.3	3.2	4.1	102.7
Days	2.8	2.6	4.5	3.9	4.1	4.2	5.6	4.9	1.8	0.9	1.5	1.8	38.6

REPORT FOR ROCQUAINE

MONTH	TEMPERATURE °C						RAINFALL mm			MEAN RH% AT 9 a.m.	CLOUD OKTAS AT 9a.m.
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE		
JAN	11.4	14.4	8th	8.4	2.5	25th,26th	90.6	17.6	22nd	83.7	6.5
FEB	11.8	14.3	17th	7.7	3.3	7th	121.0	27.3	13th	84.5	6.4
MAR	12.3	18.4	27th	7.0	3.4	26th	76.8	15.1	4th	81.2	4.9
APR	16.9	22.0	21st	9.1	3.9	5th	10.8	3.7	28th	80.2	4.5
MAY	16.1	21.6	24th	10.9	8.2	28th	89.7	12.8	27th	84.1	5.6
JUN	18.9	25.4	10th	13.1	10.4	2nd	94.9	22.2	21st	83.4	5.6
JUL	19.3	23.6	13th	14.1	11.5	31st	77.6	10.1	27th	84.8	4.5
AUG	20.0	24.8	4th	14.3	12.5	29th	65.6	22.8	13th	81.2	4.7
SEP	19.0	23.5	7th	13.1	10.5	27th	32.9	8.9	30th	81.8	4.4
OCT	16.3	20.4	1st	11.0	5.4	23rd	16.4	9.2	28th	84.4	4.3
NOV	13.1	16.2	2nd	9.2	4.1	24th	70.8	16.5	17th	79.8	5.7
DEC	10.4	14.7	5th	6.6	-0.2	20th	89.3	22.0	1st	82.9	4.7
YEAR	15.5	25.4	10-Jun	10.4	-0.2	20-Dec	836.4	27.3	13-Feb	82.7	5.1

REPORT FOR L'ANCRESSE

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	
JAN	11.5	14.3	9th	8.1	1.6	26th	101.2	26.7	22nd	32.8
FEB	11.8	14.2	17th	7.6	3.0	6th	123.2	28.6	13th	91.8
MAR	12.4	16.4	27th	6.4	-0.1	15th	71.2	14.7	5th	173.4
APR	16.2			9.3			7.8			
MAY	16.5			10.8			88.0			
JUN	19.1	24.0	19th	13.0	9.4	2nd	75.2	20.1	24th	
JUL	20.0	25.2	13th	14.0	11.5	31st	62.7	10.1	27th	
AUG	20.3	24.6	5th	14.1	9.2	11th	71.6	21.5	13th	
SEP	19.2	22.5	7th	12.7	8.0	5th	26.2	8.1	30th	
OCT	16.5	20.0	5th	11.0	5.5	31st	17.7	10.1	28th	
NOV	13.3	16.6	2nd	9.3	3.3	24th	79.0	19.2	17th	
DEC	10.7	14.8	5th	6.6	0.8	20th	82.2	19.7	1st	
YEAR	15.6	25.2	13-Jul	10.2	-0.1	15-Mar	806.0	28.6	13-Feb	

Note:- No data is available for April & May, values estimated. No sunshine after March

REPORT FOR SARK

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	
JAN	10.4	13.3	18th	7.6	2.0	25th	93.8	18.8	17th	36.0
FEB	11.1	14.5	17th	7.1	4.0	7th,8th	123.9	27.2	13th	97.8
MAR	11.9	17.5	27th	6.6	3.0	19th,30th	60.9	10.0	5th	169.4
APR	16.4	21.1	21st	9.4	6.0	4th,5th	12.5	6.5	12th	262.2
MAY	15.6	20.0	1st	10.3	8.0	6th	66.4	14.5	27th	211.4
JUN	18.8	24.2	10th	12.7	10.0	2nd	77.3	19.0	24th	193.8
JUL	19.7	23.4	13th	13.4	10.0	9th	77.4	14.2	27th	257.1
AUG	20.5	25.0	5th	14.2	12.9	3rd	70.1	20.2	20th	248.1
SEP	19.5	24.5	7th	13.1	10.0	19th,27th	40.3	8.9	30th	221.3
OCT	16.8	20.5	5th	11.6	7.5	23rd	24.2	10.6	28th	160.1
NOV	13.1	16.5	2nd	9.1	5.1	24th	58.6	15.7	21st	73.1
DEC	10.2	14.2	5th	6.1	-0.2	20th	104.4	27.9	1st	76.1
YEAR	15.3	25.0	05-Aug	10.1	-0.2	20-Dec	809.8	27.9	01-Dec	2006.4

REPORT FOR LIHOU

MONTH	TEMPERATURE °C						RAINFALL mm		
	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE
JAN	11.3	13.7	9th	8.8	3.4	25th	104.4	32.0	22nd
FEB	11.2	14.2	17th	8.1	5.0	7th,8th	117.6	15.2	13th
MAR	11.3	14.7	27th	7.5	4.0	29th	68.0	15.4	4th
APR	14.4	19.9	21st	9.5	5.9	5th	9.6	2.2	29th
MAY	14.8	17.3	24th	11.1	9.0	28th	93.8	21.0	13th
JUN	17.9	24.0	19th	13.0	10.9	2nd			
JUL	18.6	22.5	13th	14.2	11.7	9th			
AUG	18.9	22.8	4th	15.1	13.1	20th			
SEP	17.8	20.3	7th	13.9	11.1	27th			
OCT	15.8	19.8	1st	12.4	8.3	23rd			
NOV	13.1	15.6	2nd	10.1	5.6	16th			
DEC	10.7	14.2	2nd	7.5	0.7	19th			
YEAR	14.5	24.0	19-Jun	11.0	0.7	19-Dec			

Note:- The rain gauge failed in June and has not been fixed yet

REPORT FOR ALDERNEY AIRPORT

MONTH	TEMPERATURE °C						BAROMETRIC PRESSURE mb			24h MEAN WIND SPEED (kt)
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	MEAN	HIGHEST	LOWEST	
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM		AT 0900			
JAN	10.4	13.1	18th	7.4	1.3	26th	1020.3	1037.3	999.0	16.6
FEB	10.0	12.4	17th	7.1	3.0	6th	1008.6	1038.0	984.0	14.1
MAR	10.5	13.4	26th,27th	6.0	2.2	22nd	1018.1	1040.7	992.1	12.5
APR	13.9	18.8	15th	8.6	5.3	10th	1022.4	1028.5	1009.5	9.6
MAY	14.5	19.1	24th	10.4	6.8	28th	1012.6	1024.6	991.0	12.9
JUN	16.9	23.2	19th	12.4	9.9	1st	1012.9	1026.6	999.4	10.4
JUL	17.4	20.4	13th,15th	13.4	10.5	8th	1013.8	1023.8	995.3	11.5
AUG	18.6	21.5	4th	13.8	11.7	11th	1017.1	1030.6	997.5	10.3
SEP	17.5	20.4	7th	12.9	9.5	27th	1022.7	1032.8	1006.2	10.2
OCT	15.2	18.4	4th	11.3	6.9	23rd	1024.2	1036.2	1011.1	9.7
NOV	12.3	15.6	2nd	8.7	3.9	24th	1022.3	1036.5	989.7	12.2
DEC	9.8	13.6	2nd,5th,6th	6.3	-0.4	20th	1022.1	1040.2	984.0	16.1
YEAR	13.9	23.2	19-Jun	9.9	-0.4	20-Dec	1018.2	1040.7	984.0	12.1

REPORT FOR ALDERNEY PLATTE SALINE

MONTH	TEMPERATURE °C						RAINFALL mm			SUNSHINE HRS
	MEAN	HIGHEST	DATE	MEAN	LOWEST	DATE	TOTAL	WETTEST	DATE	
	MAXIMUM	MAXIMUM		MINIMUM	MINIMUM			DAY		
JAN	11.1	13.6	9th,18th	8.6	3.2	26th	75.6	18.8	17th	31.9
FEB	10.8	13.6	17th	7.9	4.0	4th	128.8	18.4	11th	79.6
MAR	11.2	15.5	27th	7.0	2.8	22nd	59.1	18.1	4th	167.8
APR	15.5	19.1	21st	9.3	4.4	10th	12.0	4.1	30th	256.5
MAY	15.3	18.6	24th	11.4	8.4	28th	60.4	14.6	27th	202.3
JUN	18.4	25.7	19th	13.8	10.0	2nd	57.5	30.8	24th	208.2
JUL	18.6	22.6	13th	14.6	11.4	8th	62.7	15.1	27th	264.7
AUG	19.3	23.0	4th,5th	15.2	12.3	11th	78.7	33.7	14th	245.8
SEP	18.2	22.6	7th	13.6	10.5	12th,27th	19.4	8.5	24th	201.5
OCT	16.0	18.6	1st,4th-6th	12.2	7.6	23rd	34.1	14.9	1st	163.8
NOV	12.7	15.9	2nd	9.7	2.4	24th	70.3	23.0	18th	72.7
DEC	10.3	14.1	4th-7th	7.1	1.6	19th	116.0	20.2	8th	80.6
YEAR	14.7	25.7	19-Jun	10.9	1.6	19-Dec	774.6	33.7	14-Aug	1975.4

Guernsey Airport Meteorological Office – Annual Report 2007



Guernsey's reservoir remained unusually high throughout the summer months thanks to the abundant rainfall. The photo shows the atmosphere in an unstable state with both fully developed cumulonimbus clouds and the decaying remnant of an "anvil" cloud. Anyone walking around the reservoir when the sky looks like this should be prepared to endure some heavy showers!

Photo credit: David Cunningham

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - JANUARY 2007

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
B.HOL	1	1022.6	11.9	5.9	8.9	5.1	9.0	9.3	270	22	24.3	<u>57</u>	9.9	0.3	Fair, ocnl cloudy, shwrs. Hail & gale mid am. Hvy shwrs pm. Hail		
TUE	2	1028.9	10.9	6.2	8.6	2.3	8.4	9.5	280	26	20.0	44	TR	4.8	Fair to cloudy, slt shwrs early. Lghtng. Bec fair		
WED	3	1030.0	11.3	8.0	9.7	3.4	8.2	9.3	200	17	16.6	36	1.4	NIL	Fair bec cloudy. Slt rain & mist evng. Tempo mod rain		
THU	4	1017.7	11.8	9.1	10.5	6.8	8.6	9.3	280	22	19.4	39	TR	1.2	Cloudy, slt rain or shwrs. Ocnl fair am. Cloudy pm. Shwr late		
FRI	5	1021.7	12.1	9.8	11.0	7.4	8.7	9.4	220	16	12.9	28	7.1	NIL	Cloudy, slt shwrs early bec rain & drzl. Tempo drzl fog early pm		
SAT	6	1016.3	11.9	9.2	10.6	8.6	9.1	9.4	200	17	14.4	40	2.7	0.5	Rain & drzl, ocnl fog. Fair by evng. Slt shwrs		
SUN	7	1017.1	11.0	9.4	10.2	5.8	9.1	9.5	210	16	17.9	35	3.7	NIL	Fair bec cloudy. Slt rain evng. Rain later		
MON	8	1006.8	12.3	9.1	10.7	5.9	9.2	9.6	230	16	19.0	38	3.2	NIL	Cloudy, rain early. Ocnl fair am. Rain & drzl late am. Fog early pm		
TUE	9	1009.8	<u>13.3</u>	11.6	<u>12.5</u>	9.3	9.5	9.6	220	24	19.8	40	7.7	1.9	Cloudy, ocnl slt drzl or rain. Tempo fine am		
WED	10	1011.1	12.7	7.3	10.0	8.9	9.8	9.7	230	18	17.7	35	0.3	4.5	Cloudy, hvy rain mid am bec fair. Bec fine pm		
THU	11	1017.8	12.7	8.6	10.7	3.1	9.1	9.8	240	29	26.8	53	0.5	NIL	Fine bec cloudy. Rain & drzl. Mist. Gale late am. Fine late evng		
FRI	12	1027.8	12.1	9.8	11.0	6.4	9.2	9.8	230	19	17.0	40	1.4	NIL	Fine bec cloudy. Mist. Drzl, ocnl fog late am. Cloudy pm, ocnl drzl		
SAT	13	1023.5	11.5	9.9	10.7	9.3	9.6	9.8	210	15	16.7	36	2.0	NIL	Cloudy, drzl. Mist. Drzl & rain evng. Fine late		
SUN	14	1032.4	11.5	6.4	9.0	0.9	9.4	9.8	250	05	8.9	23	TR	1.9	Fine bec fair. Cloudy pm. Tempo slt shwrs. Fair late		
MON	15	1026.1	10.8	6.9	8.9	0.0	8.9	9.8	150	08	9.3	19	0.6	0.1	Fair bec fine then cloudy. Slt rain late		
TUE	16	1017.7	11.6	10.3	10.9	7.9	9.0	9.7	180	13	13.1	25	6.4	0.2	Cloudy, ocnl rain or drzl. Ocnl fair evng		
WED	17	1009.0	11.6	9.1	10.3	7.9	9.3	9.7	200	16	16.7	34	12.0	0.3	Cloudy. Rain & drzl mid am. Ocnl hvy rain & mist to midday. Rain.		
THU	18	<u>1000.6</u>	13.0	10.3	11.7	8.6	9.4	9.8	230	<u>32</u>	<u>27.5</u>	52	2.4	NIL	Cloudy, ocnl drzl or rain. Mist. Tempo gale. Fog patch evng		
FRI	19	1021.8	12.5	<u>11.8</u>	12.1	<u>10.2</u>	10.0	9.7	250	20	20.0	42	8.1	NIL	Cloudy, ocnl drzl & mist. Fog patches pm		
SAT	20	1016.9	12.2	8.9	10.5	8.7	<u>10.2</u>	9.8	260	19	21.4	49	1.6	2.4	Cloudy. Rain & mist mid am. Temp violent rain. Bec fair pm. Shwrs.		
SUN	21	1017.7	10.5	5.0	7.7	3.4	9.5	<u>10.0</u>	250	25	19.0	48	5.3	3.5	Fair, slt shwrs. Gale early. Mod shwrs. Hail pm. Lghtng evng		
MON	22	1013.6	8.2	4.7	6.5	-0.3	8.5	9.9	360	07	15.6	48	<u>15.6</u>	3.9	Fair to cloudy. Shwrs. Funnel cloud early pm. Hvy shwrs later.		
TUE	23	1021.3	<u>5.3</u>	2.7	4.0	0.9	7.9	9.9	010	18	18.9	49	0.6	2.4	Shwrs early. Gale early. Hail mid am. Fair to cloudy		
WED	24	1009.9	6.0	2.1	4.1	-1.7	6.9	9.6	310	15	13.3	32	5.2	0.1	Fair bec cloudy, rain or shwrs. Hvy rain/hail shwr am. Sleet evng		
THU	25	1023.1	<u>5.3</u>	2.0	<u>3.7</u>	0.1	6.6	9.2	070	16	14.5	31	0.1	<u>4.9</u>	Fair to cloudy. Rain/hail shwrs. Sleet mid am. Fair pm. Ocnl dry air		
FRI	26	1027.7	8.4	<u>1.0</u>	4.7	<u>-6.2</u>	<u>6.1</u>	9.0	290	05	8.1	21	TR	NIL	Fair or fine bec cloudy. Tempo slt shwrs		
SAT	27	1034.1	9.5	6.6	8.1	4.7	6.4	8.6	350	07	6.1	16	TR	NIL	Cloudy. Tempo slt shwr mid pm. Tempo fine evng		
SUN	28	<u>1035.8</u>	8.6	6.7	7.7	-0.8	6.9	<u>8.5</u>	280	12	10.5	22	NIL	NIL	Cloudy		
MON	29	1029.4	9.7	7.9	8.8	5.3	7.0	<u>8.5</u>	010	<u>03</u>	5.3	14	NIL	NIL	Cloudy		
TUE	30	1027.7	9.7	7.6	8.7	5.1	7.3	<u>8.5</u>	140	04	<u>2.6</u>	10	NIL	NIL	Cloudy bec hazy		
WED	31	1027.6	9.5	6.7	8.1	5.0	7.5	<u>8.5</u>	330	08	8.3	18	0.2	1.1	Cloudy, tempo fair am		
MEAN		1020.8	10.6	7.4	9.0	4.6	8.5	9.4	SW	15.8	15.5	TOTAL	98.0	34.0			
30 YEAR AVE. 1971-00		1017.1	8.4	4.7	6.6	2.7	6.7	8.0	W	14.4	14.7	////	89.2	57.9			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		22	17	2	6	0	4	0	4	6	0	5	14				
RECORDS FROM JANUARY 1947															RAINFALL 98.0 mm		SUNSHINE 34.0 hrs
WETTEST DAY	35.8mm	DRIEST MONTH		15.4mm	LOWEST MIN		-7.8°C	WARMEST MNTH		8.5°C	SUNNIEST MNTH		112.8hrs	RAIN DAYS	22	SUNLESS DAYS	14
DAY/YEAR	11th/2001	YEAR		1992	DAY/YEAR		20th/1963	YEAR		1993	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/1948	DAY/YEAR		29th/1947	YEAR		1963	YEAR		1966				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - FEBRUARY 2007

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - FEBRUARY 2007																			
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			
		at 9a.m.																	
THU	1	1031.1	10.2	<u>8.9</u>	9.6	6.9	7.8	<u>8.5</u>	250	<u>02</u>	<u>2.4</u>	10	0.7	NIL	Cloudy, slt drzl & mist. Tempo fog evng				
FRI	2	1032.8	10.5	8.6	9.6	7.6	8.1	<u>8.5</u>	350	06	7.6	25	0.1	NIL	Cloudy, drzl & mist early. Tempo slt dri & rain early pm				
SAT	3	<u>1036.5</u>	9.7	6.3	8.0	3.8	8.3	8.7	070	17	17.2	29	NIL	<u>8.2</u>	Cloudy bec fine. Fair evng				
SUN	4	1029.5	10.0	6.5	8.3	3.0	7.8	8.8	060	20	13.3	30	TR	7.7	Fine bec fair. Dew late evng				
MON	5	1019.5	8.5	3.6	6.1	<u>-4.5</u>	7.4	8.7	350	03	4.1	11	TR	5.4	Fair, dew bec cloudy. Slit drzl mid am. Fair late am				
TUE	6	1008.6	7.7	<u>3.4</u>	<u>5.6</u>	-3.1	7.3	8.7	360	04	6.8	24	NIL	1.2	Fair, dew bec cloudy. Slit rain mid am. Tempo fair early pm				
WED	7	1001.1	<u>7.6</u>	3.6	5.6	1.0	<u>6.8</u>	8.6	080	13	13.6	32	6.0	7.7	Cloudy bec fair. Ocnl fine late am/early pm. Dry air. Rain late				
THU	8	989.4	9.6	4.4	7.0	1.4	7.0	8.7	260	27	18.8	47	3.6	4.2	Cloudy, rain. Ocnl mod rain early. Shwrs. Tempo hail. Ocnl fair				
FRI	9	996.9	10.0	6.5	8.3	1.8	7.0	8.6	140	17	15.3	40	7.8	1.7	Mainly cloudy, ocnl rain am. Rain late				
SAT	10	997.5	12.0	6.7	9.4	4.8	8.0	9.2	240	16	18.7	44	7.8	1.2	Cloudy, rain early. Tempo fair. Rain & drzl late evng				
SUN	11	993.6	11.8	6.6	9.2	5.4	8.6	9.3	250	<u>32</u>	21.7	52	14.5	4.3	Cloudy. Shwrs. T&L, hail mid am. Tempo gale am. Rain evng. Mist				
MON	12	<u>987.7</u>	10.8	8.1	9.5	7.0	8.7	9.2	240	<u>32</u>	<u>28.9</u>	<u>63</u>	1.4	2.5	Cloudy, mist. Hvy shwr early. Gales. Squall late am. Ocnl fair pm				
TUE	13	1011.8	9.8	7.7	8.8	4.1	8.8	9.3	240	10	15.0	40	<u>30.0</u>	NIL	Fair bec cloudy. Rain from 1535. Mod tempo hvy rain				
WED	14	999.7	10.5	7.0	8.8	5.6	8.9	9.3	330	17	12.7	31	NIL	4.2	Rain. Mod to hvy rain bec rain & drzl. Fair pm bec fine. Dew later				
THU	15	1017.0	10.7	8.0	9.4	1.5	8.4	9.3	160	20	14.8	34	0.6	6.6	Fine, dew bec fair. Cloudy evng				
FRI	16	1008.8	11.7	7.6	9.7	5.8	8.8	9.3	160	10	10.2	22	0.5	0.7	Cloudy, ocnl rain am. Tempo fair early pm. Dry air late				
SAT	17	1007.0	<u>12.7</u>	7.5	10.1	2.0	8.8	9.4	040	07	5.9	15	NIL	5.8	Cloudy, dry air. Tempo fine. Slit rain mid am. Bec fair. Fog late				
SUN	18	1017.6	9.7	6.6	8.1	0.0	8.8	9.3	020	06	5.9	14	TR	0.3	Cloudy, mist. Fog patches around midday. Mist				
MON	19	1010.9	10.2	7.7	8.9	5.4	9.1	9.5	160	11	12.0	24	2.1	0.5	Cloudy, mist bec haze. Rain & drzl evng				
TUE	20	1006.2	11.5	8.7	10.1	<u>7.8</u>	9.3	9.5	170	08	8.3	22	5.4	0.4	Cloudy. Rain & drzl early. Fog patch mid am.. Hvy rain mid pm				
WED	21	1010.0	11.0	6.6	8.8	3.2	9.5	9.6	230	10	11.6	30	8.6	7.2	Cloudy bec fair. Hail shwr/lightng mid am. Fair or fine				
THU	22	1002.1	11.7	8.3	10.0	7.0	9.3	9.7	170	18	14.6	31	2.7	3.0	Cloudy, rain. Mod rain. Shwrs early pm bec fine. Hvy rain later				
FRI	23	1000.2	12.0	8.7	<u>10.4</u>	7.2	9.5	9.7	190	15	13.5	30	6.3	1.4	Cloudy, ocnl fair early. Hvy shwrs evng				
SAT	24	998.9	11.4	8.6	10.0	6.5	9.5	9.7	270	23	18.8	41	11.2	3.1	Shwrs bec fine. Cloudy late am. Tempo hvy shwrs pm. Rain evng				
SUN	25	998.1	11.0	5.8	8.4	4.6	9.4	9.6	300	19	21.9	49	0.3	3.8	Shwrs early. Tempo hvy shwr/T&L. Fair late am. Ocnl cloud evng				
MON	26	1017.9	10.7	7.9	9.3	6.5	9.4	<u>9.8</u>	290	18	15.0	30	3.7	7.2	Mainly fair. Bec cloudy late evng				
TUE	27	1014.2	11.1	8.2	9.7	5.0	9.5	<u>9.8</u>	230	12	16.9	37	7.6	NIL	Cloudy, drzl & rain. Fog, tempo thick fog am. Drzl or rain				
WED	28	1002.4	12.1	7.6	9.9	6.5	<u>9.6</u>	<u>9.8</u>	240	23	24.9	47	10.3	6.9	Cloudy. Shwrs. Hvy rain/T&L bec fair or fine. Rain evng				
MEAN		1008.8	10.6	7.0	8.8	4.1	8.6	9.2	SW	14.9	13.9	TOTAL	131.2	95.2					
30 YEAR AVE. 1971-00		1017.0	8.2	4.4	6.3	2.5	6.4	7.3	SW	13.4	13.3	////	76.5	78.4					
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE					
		20	16	0	4	3	5	0	2	5	1	3	4						
RECORDS FROM JANUARY 1947																			
WETTEST DAY DAY/YEAR	59.0mm 18th/1978	DRIEST MONTH YEAR	4.8mm 1965	LOWEST MIN DAY/YEAR	-7.2°C 21st/48,7th/91	WARMEST MNTH YEAR	9.0°C 1990	SUNNIEST MNTH YEAR	140.9hrs 1959	RAIN FALL	229.2 mm	SUNSHINE	129.2 hrs						
WETTEST MNTH YEAR	182.8mm 1978	HIGHEST MAX DAY/YEAR	15.0°C 29th/1948	LOWEST GRASS DAY/YEAR	-11.1°C 12th/1978	COLDEST MNTH YEAR	1.5°C 1986	DULLEST MNTH YEAR	36.1hrs 1976	RAIN DAYS	42	SUNLESS DAYS	18						
															WET DAYS	33			

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MARCH 2007

DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER			
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)								
			mb															
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
THU	1	998.7	11.0	7.9	9.5	6.1	9.6	9.8	270	22	17.5	48	0.2	5.7	Cloudy, hvy rain early. Slt shwrs, then fair			
FRI	2	1008.3	11.5	5.6	8.6	-0.3	9.5	9.8	190	09	13.7	45	10.5	0.3	Fine, dew bec cloudy. Rain pm. Tempo hvy rain. Fog patches			
SAT	3	1010.5	12.4	8.3	10.4	6.1	9.5	9.7	270	12	14.7	40	7.2	8.0	Mainly fair. Slt shwr mid am			
SUN	4	1007.4	11.6	7.7	9.7	4.6	9.6	9.9	150	19	15.4	39	8.7	NIL	Fair, bec cloudy. Tempo fog. Rain mid am, mod rain. Ocnl rain pm			
MON	5	1014.2	11.8	5.0	8.4	2.5	9.3	9.8	240	18	20.1	58	8.9	6.4	Shwrs early. Tempo T&L/hail/gale. Fair. Cloudy by evng. Rain			
TUE	6	1000.6	11.5	8.5	10.0	8.2	9.6	9.9	210	15	17.4	45	2.8	0.9	Cloudy, rain. Tempo hvy rain mid am. Ocnl rain. Fair. Shwrs later			
WED	7	999.9	10.4	6.3	8.4	2.6	9.6	9.8	180	04	9.2	30	TR	7.7	Fair, tempo cloudy early, hvy shwr. Slt shwr midday			
THU	8	1024.2	11.0	8.0	9.5	3.1	9.5	9.9	300	17	14.3	29	1.5	5.3	Fair bec cloudy, slt shwrs. Fair late am. Cloudy evng. Rain late			
FRI	9	1029.4	11.3	8.5	9.9	6.6	9.6	9.9	300	17	15.1	33	NIL	9.2	Cloudy, rain & drzl early, mist. Bec fair. Fine pm			
SAT	10	1040.9	11.7	5.8	8.8	-1.0	9.3	9.9	230	06	7.6	22	NIL	9.7	Fair, dew bec fine. Dew evening			
SUN	11	1032.9	11.6	6.0	8.8	-0.6	9.3	9.8	160	12	10.6	18	NIL	9.8	Fine, dew bec fair			
MON	12	1025.3	12.5	7.6	10.1	3.8	9.3	9.9	180	07	5.8	17	NIL	3.0	Fair bec cloudy late am. Mist late evng			
TUE	13	1031.7	11.0	7.0	9.0	2.7	9.6	9.9	360	07	7.2	17	NIL	7.4	Fair bec cloudy. Fair late am. Fine pm. Dew evng			
WED	14	1037.0	12.0	5.6	8.8	-1.3	9.0	9.9	040	06	4.8	13	NIL	8.9	Fine, dew early & late			
THU	15	1031.7	11.5	4.3	7.9	-3.9	8.9	10.0	---	00	3.5	13	NIL	10.1	Fine, dew. Slt hoar frost mid am. Dew evng			
FRI	16	1030.8	11.8	6.6	9.2	-0.7	9.0	9.9	290	05	9.1	21	TR	4.6	Fair, dew bec cloudy. Slt rain early pm then fine. Fair evng			
SAT	17	1029.7	11.6	8.4	10.0	6.6	9.6	9.9	290	14	17.5	38	3.2	0.8	Cloudy. Tempo fair early pm. Slt drzl late			
SUN	18	1013.7	10.2	4.5	7.4	7.4	9.6	9.8	300	21	23.8	42	2.5	4.6	Cloudy, rain & drzl. Shwrs. Fair. Hail & lghtng evng			
MON	19	998.2	7.2	2.4	4.8	0.1	8.8	9.9	320	32	25.4	51	2.9	3.9	Shwrs. Hail & lghtng. Tempo gale. Hvy hail late am. Ocnl fair. Hail			
TUE	20	1013.4	6.7	4.3	5.5	1.5	7.9	9.8	360	19	19.3	38	TR	5.0	Shwrs early, hail. Bec fair. Dry air. Cloudy evng. Sleet shwr late			
WED	21	1021.3	6.6	2.4	4.5	0.2	7.7	9.8	360	15	11.0	27	1.5	10.4	Cloudy, dry air bec fine.			
THU	22	1019.9	8.9	2.4	5.7	-4.9	7.8	9.7	280	08	7.3	19	0.8	NIL	Fair bec cloudy. Rain mid am. Drzl early pm, mist			
FRI	23	1017.2	8.8	6.3	7.6	5.2	8.2	9.5	010	11	10.6	23	0.2	0.6	Cloudy. Mod drzl & rain mid am. Tempo fair pm. Rain later			
SAT	24	1020.5	8.9	5.6	7.3	2.8	8.2	9.5	030	13	12.6	25	0.6	4.2	Cloudy bec fine. Cloudy. Ocnl fine pm. Cloudy evng. Drzl/rain late			
SUN	25	1015.5	10.8	6.6	8.7	5.8	8.5	9.4	040	09	12.5	24	0.6	1.4	Cloudy. Ocnl drzl or rain am. Haze. Tempo fair pm			
MON	26	1017.6	11.4	4.1	7.8	-1.5	8.7	9.4	030	10	10.6	24	NIL	8.5	Fair bec fine. Tempo cloudy mid am. Fair or fine. Haze pm			
TUE	27	1015.5	14.6	6.4	10.5	-0.3	9.0	9.4	050	07	7.9	17	NIL	10.4	Fair bec fine, haze. Dew early & late			
WED	28	1015.7	14.1	7.3	10.7	-0.1	9.6	9.5	350	07	7.5	18	0.7	8.7	Fair, haze & dew bec mist. Ocnl fog am. Fine pm, haze			
THU	29	1016.5	10.2	3.7	7.0	5.4	9.8	9.6	320	10	11.0	29	13.1	4.2	Fair to cloudy. Shwrs. Shwr rain hail early pm. Sleet. Hail late eve			
FRI	30	1011.7	8.8	2.6	5.7	1.4	9.1	9.7	350	14	11.1	31	6.3	4.3	Shwrs bec fair. Cloudy late am. Shwrs. Rain pm. Tempo hvy rain			
SAT	31	1018.3	10.2	4.3	7.3	3.9	9.2	9.8	040	15	13.1	32	1.3	NIL	Cloudy, drzl & rain. Mist am. Cloudy, haze pm			
MEAN		1018.3	10.8	5.8	8.3	2.3	9.1	9.8	N	12.3	12.5	TOTAL	73.5	164.0				
30 YEAR AVE. 1971-00		1016.7	9.6	5.2	7.4	2.7	7.5	7.8	W	12.9	12.6	////	66.7	126.1				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		19	13	2	5	1	3	0	10	3	0	2	3					
RECORDS FROM JANUARY 1947															RAINFALL	302.7 mm	SUNSHINE	293.2 hrs
WETTEST DAY	30.0mm	DRIEST MONTH	2.7mm	LOWEST MIN	-2.2°C	WARMEST MNTH	10.3°C	SUNNIEST MNTH	206.1hrs									
DAY/YEAR	28th/1960	YEAR	1961	DAY/YEAR	10th/11th/1958	YEAR	1957	YEAR	1973	RAIN DAYS	61	SUNLESS DAYS	21					
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	46							
YEAR	2001	DAY/YEAR	29th/1965	DAY/YEAR	3rd/1965	YEAR	1962	YEAR	1964									

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - APRIL 2007

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
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs				
SUN	1	1022.8	11.2	7.5	9.4	6.6	9.2	9.7	050	18	18.8	32	TR	2.8	Fair, haze bec cloudy. Ocnl rain early. Bec fair pm. Haze. Dew.			
MON	2	1024.5	12.8	9.3	11.1	7.7	9.3	9.7	060	17	17.7	34	NIL	10.5	Fair, haze. Dew early. Tempo fine. Fine evening			
TUE	3	1023.0	10.4	6.9	8.7	5.8	9.6	9.7	060	19	19.5	33	NIL	5.5	Fine bec cloudy. Fair pm. Cloudy evening			
WED	4	1023.9	9.2	5.8	7.5	4.1	9.5	9.8	030	17	15.2	30	NIL	10.0	Cloudy, ocnl fair mid am. Bec fair. Fine pm			
THU	5	1024.5	11.6	4.6	8.1	-1.4	9.3	9.8	040	11	7.7	21	NIL	10.8	Fine, slt dew bec fair. Dew later			
G.FRI	6	1025.1	14.9	6.3	10.6	-0.7	9.8	9.9	330	06	5.8	16	NIL	11.3	Fair, dew early. Ocnl fine			
SAT	7	1026.8	12.8	8.1	10.5	3.0	10.4	9.9	090	11	9.9	22	NIL	11.4	Fair, slt dew early bec fine			
E.SUN	8	1027.7	13.2	5.9	9.6	-1.2	10.5	10.0	060	09	6.8	20	NIL	12.3	Fine, dew early. Dry air pm			
E.MON	9	1022.2	12.3	6.7	9.5	-0.6	10.5	10.1	290	04	5.0	16	NIL	12.0	Fine, dew. Shallow fog mid am. Bec hazy pm. Mist evng. Fog late			
TUE	10	1023.8	14.8	4.1	9.5	-1.1	10.4	10.1	140	04	4.4	13	NIL	11.8	Fine, fog or shallow fog bec haze. Adj fog. Fine evng, dew			
WED	11	1024.3	16.5	6.7	11.6	0.4	11.1	10.1	070	07	8.7	21	NIL	10.8	Fine, dew early. Bec haze. Fine pm bec fair			
THU	12	1020.0	13.8	9.8	11.8	7.7	11.7	10.4	050	13	11.3	20	1.3	7.3	Fair or fine. Ocnl cloudy, haze. Tempo slt rain pm			
FRI	13	1019.5	13.8	10.3	12.1	8.5	11.9	10.5	040	03	8.5	23	0.3	1.1	Fair, haze & dew bec mainly cloudy. Ocnl rain. Fog patch am			
SAT	14	1022.7	18.3	11.1	14.7	9.8	12.3	10.6	—	00	4.8	11	NIL	3.1	Cloudy, ocnl slt rain early. Tempo haze			
SUN	15	1023.2	19.3	10.7	15.0	5.3	12.6	10.9	270	03	5.6	14	TR	9.2	Fine, haze. Dew early. Ocnl fair. Cloudy evng. Mist later			
MON	16	1025.7	16.8	9.9	13.4	8.8	13.0	11.0	350	06	7.5	17	NIL	9.0	Fine, mist, dew. Tempo cloudy. Sl shwr. Lghtng. Fine pm, haze			
TUE	17	1025.8	13.9	9.4	11.7	8.4	13.4	11.3	030	11	8.4	19	NIL	1.8	Fine, haze & dew bec cloudy.			
WED	18	1026.5	15.1	8.1	11.6	3.2	12.8	11.4	070	10	7.3	15	NIL	11.5	Cloudy bec fair. Fine pm			
THU	19	1021.8	15.5	5.3	10.4	-1.1	12.7	11.5	100	06	5.4	13	NIL	13.4	Fine. Dry air pm			
FRI	20	1020.9	16.1	7.0	11.6	-0.1	12.7	11.6	100	06	6.6	15	NIL	13.1	Fine, slt dew early. Tempo dry air. Haze evng			
SAT	21	1020.3	18.9	10.0	14.5	5.8	13.2	11.6	130	07	6.6	15	NIL	12.7	Fine, haze. Slt dew early. Dry air pm			
SUN	22	1020.4	17.9	9.1	13.5	5.7	13.7	11.8	—	00	5.1	13	NIL	12.9	Fine bec fair. Adj. Fog pm. Fog later			
MON	23	1021.9	17.3	8.9	13.1	2.8	13.7	12.0	190	06	6.3	14	TR	4.6	Fog, ocnl thick fog early. Cloudy bec fair pm. Cloudy evng			
TUE	24	1018.6	17.4	11.7	14.6	6.5	13.8	12.0	—	00	5.8	15	1.7	1.5	Mainly cloudy, Ocnl slt rain. Tempo fair late am			
WED	25	1015.4	15.0	9.7	12.4	10.4	14.0	12.1	250	12	8.5	21	0.3	4.3	Cloudy, rain early. Tempo drzl mist. Cloudy, fair pm. Cloudy late			
THU	26	1019.4	14.8	9.6	12.2	7.3	13.5	12.2	030	12	12.0	26	NIL	4.4	Cloudy, slt rain early. Ocnl fair			
FRI	27	1021.0	14.1	10.3	12.2	9.3	13.3	12.4	060	14	13.5	28	NIL	2.7	Fair bec cloudy. Mist or haze. Fair evng bec cloudy			
SAT	28	1021.0	17.4	10.4	13.9	7.0	13.6	12.3	070	10	9.0	21	1.7	8.5	Fair, mist. Ocnl cloudy am. Fine pm			
SUN	29	1018.3	17.2	11.2	14.2	7.3	13.9	12.5	090	09	8.5	20	1.0	8.3	Fine, mist or haze, dew early. Shwrs, tempo fog am. T&L. Fine pm			
MON	30	1011.4	15.9	10.8	13.3	8.6	14.3	12.5	050	10	11.9	27	0.6	6.7	Fine, mist & dew bec cloudy. Shwrs or rain. Bec fair pm, haze			
MEAN		1022.1	14.9	8.5	11.7	4.8	12.0	11.0	NE	8.7	9.1	TOTAL	6.9	245.3				
30 YEAR AVE. 1971-00		1015.3	11.2	6.2	8.7	3.5	9.3	9.1	NE	12.6	11.9	////	51.1	183.2				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		7	4	0	0	2	3	0	7	6	0	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	309.6 mm	SUNSHINE	538.5 hrs
WETTEST DAY		27.9mm	DRIEST MONTH		2.9mm	LOWEST MIN		-1.4°C	WARMEST MNTH		10.9°C	SUNNIEST MNTH		280.4hrs	RAIN DAYS	68	SUNLESS DAYS	21
DAY/YEAR		3rd/2000	YEAR		1980	DAY/YEAR		11th/1986	YEAR		1961	YEAR		1984	WET DAYS	50		
WETTEST MNTH		130.4mm	HIGHEST MAX		24.3°C	LOWEST GRASS		-7.0°C	COLDEST MNTH		6.4°C	DULLEST MNTH		122.2hrs				
YEAR		1966	DAY/YEAR		16th/2003	DAY/YEAR		5th/1990	YEAR		1986	YEAR		1981				

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - MAY 2007

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	1009.7	16.5	12.1	14.3	9.7	14.2	<u>12.6</u>	080	11	9.8	22	TR	11.0	Cloudy bec fair. Cloudy by evng, slt shwr. T&L.			
WED	2	1010.5	15.5	11.0	13.3	8.8	14.6	12.7	050	19	17.4	35	NIL	13.8	Fine			
THU	3	1015.3	13.7	9.3	11.5	7.6	14.2	12.9	050	20	15.0	31	NIL	8.6	Fine early bec fair to cloudy am. Then fine pm. Hazy by evng.			
FRI	4	1016.1	<u>11.3</u>	8.2	<u>9.8</u>	<u>0.7</u>	13.7	12.9	010	10	8.6	19	NIL	3.0	Fine and misty, patches shallow fog, bec cloudy. Fine by evng			
SAT	5	1020.2	12.7	7.7	10.2	4.9	13.2	12.9	350	08	6.8	18	TR	9.0	Cloudy, bec fine late am.			
SUN	6	1021.2	14.3	7.5	10.9	2.0	13.4	12.8	240	13	13.9	31	TR	0.3	Cloudy, slt drzl early. Mist or haze. Fog patches pm.			
B.HOL	7	1016.9	13.0	11.4	12.2	11.8	13.6	12.8	240	20	<u>19.3</u>	33	0.8	NIL	Fog, mist and drzl clearing late evng			
TUE	8	1017.1	15.5	11.0	13.3	9.9	13.4	12.9	250	21	17.0	32	0.6	1.0	Cloudy, mist. Ocnl drzl am. Drzl and fog pm			
LIB.D	9	1018.0	15.6	12.2	13.9	11.9	13.5	12.8	240	<u>22</u>	18.2	37	4.4	1.3	Cloudy, drzl & mist. Tempo fair pm. Breezy			
THU	10	1011.9	15.1	10.5	12.8	10.7	13.4	12.9	250	07	14.5	46	2.6	0.6	Rain/drzl and fog patches a.m. Rain by evng. Gale late			
FRI	11	1009.6	15.2	10.1	12.7	8.1	13.2	12.8	220	15	17.0	<u>48</u>	0.9	5.2	Cloudy, gale early. Shwrs pm bec rain, drzl and mist. Shwrs later			
SAT	12	1008.2	16.1	11.3	13.7	9.9	13.2	12.7	230	17	15.2	37	4.6	8.3	Fair or fine. Ocnl cloudy, shwrs am. Cloud evng, rain			
SUN	13	997.4	14.7	10.0	12.4	11.1	13.7	12.8	120	13	11.8	34	7.9	4.1	Cloudy, mist / fog. Rain, tempo hvy am. Fair to cloudy, shwrs pm.			
MON	14	1007.0	13.9	9.8	11.9	9.3	13.7	12.9	300	15	16.1	31	3.0	8.0	Cloudy am, bec fair or fine pm			
TUE	15	1016.1	12.3	9.5	10.9	7.2	13.5	12.8	210	14	14.5	30	5.6	NIL	Fair bec cloudy. Rain & drzl. Ocnl fog pm. Tempo fair late			
WED	16	1017.5	13.7	10.4	12.1	9.4	<u>13.0</u>	12.9	290	16	16.6	30	5.2	0.1	Cloudy. Fog & drzl from mid-afternoon. Tempo thick fog. Rain later			
THU	17	1016.0	15.7	12.2	14.0	<u>12.1</u>	13.4	12.9	290	21	17.6	34	TR	5.6	Rain early, bec thick fog then mist. Ocnl fair pm. Tempo fog			
FRI	18	1017.6	15.7	11.0	13.4	11.6	14.0	12.8	250	12	14.2	28	TR	4.1	Fog, ocnl thick fog early bec fog patches. Ocnl fine pm.			
SAT	19	1015.8	15.1	9.4	12.3	7.8	13.8	12.8	240	12	11.5	24	NIL	11.7	Fine, dew. Ocnl fair, slt shwr am.			
SUN	20	1016.1	14.0	8.1	11.1	4.4	13.8	12.9	030	10	7.8	20	6.9	9.6	Fine, dew bec fair. Cloudy by evng. Rain late			
MON	21	1014.6	11.6	10.2	10.9	10.1	13.9	13.0	030	21	13.3	30	3.3	NIL	Rain. Drzl & mist late am. Fog evng			
TUE	22	1023.1	15.9	10.7	13.3	9.7	13.7	13.2	350	<u>06</u>	6.9	13	TR	13.6	Cloudy, drzl & mist early bec fine. Fair pm			
WED	23	<u>1024.0</u>	17.9	10.3	14.1	6.5	14.1	13.2	020	09	7.4	16	NIL	<u>14.9</u>	Fine, dew early & late			
THU	24	1018.6	<u>20.3</u>	11.4	<u>15.9</u>	5.2	14.7	13.1	050	<u>06</u>	<u>5.8</u>	12	NIL	14.6	Fine, dew early. Ocnl dry air pm. Dew late			
FRI	25	1010.7	15.8	<u>12.5</u>	14.2	7.3	<u>15.2</u>	13.3	320	<u>06</u>	7.3	21	NIL	3.2	Fine, dew bec fog. Tempo fair mid am. Fog patches. Fair late evng			
SAT	26	1008.2	14.0	9.7	11.9	8.5	15.0	13.4	340	13	12.6	24	7.8	12.0	Cloudy bec fair. Cloudy late evng			
SUN	27	<u>992.4</u>	13.9	8.9	11.4	6.7	14.6	13.6	210	12	12.6	42	<u>12.3</u>	4.5	Cloudy bec rain. Ocnl mod rain. Ocnl fair. Shwrs. Hvy shwrs later			
B.HOL	28	1006.6	13.2	7.2	10.2	6.5	13.9	13.7	340	21	18.6	46	1.0	6.9	Cloudy, rain. Bec fair late am. Shwr evng, hail			
TUE	29	1013.6	13.6	<u>7.0</u>	10.3	3.6	13.5	13.7	310	09	6.8	16	4.1	14.0	Fine. Ocnl dry air pm. Cloudy late evng			
WED	30	1001.7	15.3	9.5	12.4	7.5	14.6	<u>13.8</u>	160	16	12.9	28	5.2	7.9	Cloudy. Hvy rain mid am.. Mist, tempo fog. Fair pm. Cloudy late			
THU	31	1006.1	15.3	10.7	13.0	10.1	14.8	13.7	160	14	9.0	24	7.2	4.1	Cloudy, hvy shwr early. Tempo fair, shwrs. Fair evng			
MEAN		1012.8	14.7	10.0	12.4	8.1	13.9	13.0	SW	13.8	12.8	TOTAL	83.4	201.0				
30 YEAR AVE. 1971-00		1015.7	14.4	8.7	11.6	6.0	12.6	11.4	NE	11.9	11.1	////	49.6	233.8				
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	15		1	1	1	0	12	3	2	3						
RECORDS FROM JANUARY 1947															RAINFALL	393.0 mm	SUNSHINE	739.5 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	86	SUNLESS DAYS	24	
DAY/YEAR	24th/1950	YEAR		1989	DAY/YEAR		2nd/1979	YEAR		1989	YEAR		1989	WET DAYS	65			
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 2007

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.	
FRI	1	1017.6	15.3	9.5	12.4	5.7	14.7	13.9	270	08	6.4	14	NIL	11.4	Mainly fair
SAT	2	1026.2	18.4	9.1	13.8	4.2	15.2	13.8	160	06	4.0	12	NIL	13.0	Fog early, bec fine. Fair pm
SUN	3	1023.6	19.1	12.3	15.7	9.7	16.4	13.9	110	07	6.0	17	TR	0.2	Cloudy. Bright intervals pm. Mist late evng with v. light shwrs.
MON	4	1023.8	17.8	12.0	14.9	12.3	16.4	14.1	030	12	8.9	20	NIL	10.3	Cloudy, rain early, bec fair. Haze
TUE	5	1022.5	17.0	12.0	14.5	10.0	16.7	14.4	040	15	12.4	26	TR	9.5	Mist early bec fair. Ocnl cloudy
WED	6	1019.6	14.3	11.8	13.1	8.8	16.5	14.6	050	14	14.3	27	TR	1.8	Fine bec cloudy. Mist, ocnl slight drzl. Fine evng
THU	7	1019.0	16.2	11.8	14.0	11.0	15.5	14.6	060	15	12.3	28	NIL	4.1	Cloudy. Fine by evng
FRI	8	1019.5	19.5	11.5	15.5	7.6	16.1	14.6	360	07	5.7	18	TR	14.0	Fair or fine. Mist then haze
SAT	9	1019.8	20.3	11.4	15.9	7.6	16.8	14.7	120	06	6.1	15	TR	7.8	Fine, shallow fog & dew, bec thick fog. Fine pm, haze. Adj fog
SUN	10	1016.0	22.6	13.1	17.9	10.9	17.2	14.8	080	10	8.8	21	0.9	11.6	Fair, haze early. Cloudy by evng. Slt shwrs
MON	11	1015.5	20.3	13.3	16.8	13.8	18.0	15.0	050	04	5.3	23	NIL	4.9	Showery rain early. Ocnl fair, adj fog. Fog by evng
TUE	12	1015.7	17.7	12.7	15.2	13.1	18.0	15.3	260	09	6.1	14	NIL	6.5	Cloudy, mist. Fair pm
WED	13	1008.8	17.8	11.8	14.8	7.1	17.5	15.3	120	09	5.2	14	5.0	1.6	Cloudy, Rain mid am. Tempo fair. Rain later
THU	14	1001.7	18.2	13.9	16.1	13.6	17.3	15.5	130	08	5.5	16	2.3	1.6	Mainly cloudy, fog. Ocnl rain. T&L evng
FRI	15	999.8	17.0	13.6	15.3	9.8	17.2	15.5	170	09	10.5	25	0.3	8.6	Showery rain a.m., bec fair.
SAT	16	1003.5	15.8	13.2	14.5	11.9	17.1	15.5	200	13	13.7	29	0.8	4.0	Cloudy shwrs am. Fair or fine evng
SUN	17	1006.2	16.2	12.5	14.4	10.7	16.5	15.5	190	05	6.9	16	3.1	4.5	Cloudy bec fair. Rain pm. Slt shwrs evng
MON	18	1007.0	19.7	13.2	16.5	12.3	16.5	15.4	210	12	7.5	24	NIL	9.8	Cloudy, shwrs early bec fair. Fine pm bec cloudy evng
TUE	19	1006.2	22.0	14.1	18.1	9.7	17.6	15.4	080	13	10.0	24	0.3	4.6	Cloudy, slt shwr, T&L amd. Ocnl fair. Slt shwrs pm
WED	20	1010.6	18.9	13.6	16.3	11.9	17.3	15.4	180	16	11.9	24	TR	13.5	Fine. Slt shwrs early pm
THU	21	1010.2	17.4	13.0	15.2	11.9	17.4	15.5	160	14	11.5	26	20.1	3.4	Fair or fine bec cloudy. Shwrs or rain pm. Tempo hvy rain
FRI	22	1007.0	16.9	12.4	14.7	11.6	16.9	15.5	220	10	9.9	23	0.7	6.7	Rain & drzl, then shwrs. Ocnl fair
SAT	23	1013.2	16.9	13.5	15.2	12.4	17.0	15.6	250	17	14.3	26	10.7	7.3	Cloudy bec fair. Cloudy late evng
SUN	24	1008.8	14.8	11.4	13.1	11.1	16.6	15.6	170	07	10.5	28	22.8	0.1	Cloudy, rain. Ocnl mod or hvy rain until evng
MON	25	1003.5	15.2	10.4	12.8	8.9	15.8	15.6	250	20	20.1	45	7.5	2.2	Cloudy, hvy rain or shwrs. Windy pm
TUE	26	1013.3	14.8	12.1	13.5	10.7	15.4	15.4	300	14	15.0	29	TR	4.3	Cloudy, ocnl fair
WED	27	1012.0	15.6	12.0	13.8	9.6	15.2	15.3	240	13	14.5	29	0.5	2.6	Mainly cloudy. Tempo showers
THU	28	1013.7	16.8	11.3	14.1	7.8	15.3	15.2	240	13	12.2	24	2.4	8.2	Cloudy bec fair. Ocnl cloudy. Cloudy evng
FRI	29	1011.9	15.9	12.9	14.4	12.2	15.4	15.1	240	16	15.0	29	2.0	0.1	Cloudy, rain or drzl. Mist or fog am. Tempo fair late pm
SAT	30	1013.5	16.7	13.7	15.2	12.6	15.6	15.1	190.0	09	9.8	27	7.3	NIL	Cloudy, ocnl rain. Tempo rain or drzl. Fog patches
MEAN		1013.0	17.5	12.3	14.9	10.3	16.5	15.0	S	11.0	10.0	TOTAL	86.7	178.2	
30 YEAR AVE. 1971-00		1017.8	16.9	11.1	14.0	8.8	15.6	14.0	W	11.2	10.6	////	46.2	238.2	
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		16	10		0	2	3	0	0	7	2	0	1		
RECORDS FROM JANUARY 1947															
WETTEST DAY	46.8mm	DRIEST MONTH	0.6mm	LOWEST MIN	5.4°C	WARMEST MNTH	16.7°C	SUNNIEST MNTH	355.3hrs	RAINFALL	479.7 mm	SUNSHINE	917.7 hrs		
DAY/YEAR	16th/1970	YEAR	1976	DAY/YEAR	1st/1975	YEAR	1976	YEAR	1975	RAIN DAYS	102	SUNLESS DAYS	25		
										WET DAYS	75				
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 2007

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
		at 9a.m.														
SUN	1	1004.7	17.2	13.8	15.5	12.6	15.8	15.1	200	15	14.2	28	2.4	3.8	Cloudy, rain & mist. Shwrs. Ocnl fair pm. Cloudy evng, drzl	
MON	2	1007.0	16.7	13.0	14.9	12.9	<u>15.7</u>	<u>15.0</u>	240	17	16.2	28	7.7	1.6	Cloudy, drzl then rain am. Tempo hvy rain. Rain/drzl evng	
TUE	3	1003.0	17.3	12.0	14.7	12.1	<u>15.7</u>	<u>15.0</u>	270	14	15.4	30	0.1	7.4	Hvy rain. Mist/drzl early. Fair, ocnl cloudy. Shwrs pm	
WED	4	1011.5	17.2	13.1	15.2	11.5	16.0	15.1	270	<u>21</u>	<u>21.8</u>	36	TR	12.2	Fair or fine. Slt showers. Cloudy evng.	
THU	5	1018.5	<u>15.3</u>	13.2	14.3	12.7	16.2	15.1	240	14	17.1	35	5.4	0.2	Cloudy, rain late am. Rain, drzl & fog pm clearing evng	
FRI	6	1015.9	17.3	13.2	15.3	11.6	15.8	15.2	260	20	18.3	<u>37</u>	NIL	11.1	Cloudy bec fair late am	
SAT	7	1019.6	16.8	12.4	14.6	10.4	16.4	15.2	270	10	8.0	17	NIL	13.3	Fair or fine	
SUN	8	1020.0	16.9	11.3	14.1	<u>3.8</u>	16.6	15.1	190	03	7.6	18	8.0	12.8	Shallow fog early, then fair. Bec cloudy late evng. Shwrs late	
MON	9	1016.0	16.2	<u>11.0</u>	<u>13.6</u>	8.7	16.8	15.5	290	15	14.6	32	5.1	9.0	Hvy shwrs early, bec fair or fine. Cloudy evng, rain	
TUE	10	1014.8	16.4	11.6	14.0	10.4	16.6	15.4	290	15	16.3	28	NIL	9.2	Rain then shwrs. Bec fair, ocnl cloudy	
WED	11	1018.9	16.9	13.1	15.0	11.7	16.7	15.5	290	15	13.5	26	1.5	9.3	Cloudy, ocnl fair am. Fair or fine pm bec cloudy later	
THU	12	1017.8	18.0	13.8	15.9	12.7	16.9	15.5	250	14	12.5	22	0.8	<u>0.1</u>	Rain, drzl, fog mid am. Tempo thick fog. Mist late am. Fog evng	
FRI	13	1013.0	<u>22.0</u>	<u>15.4</u>	<u>18.7</u>	15.2	17.0	15.6	160	13	8.8	20	1.4	10.3	Cloudy mist or fog early. Bec fair. Cloudy late evng. Rain later	
SAT	14	1014.3	18.0	14.3	16.2	13.7	17.7	15.6	240	08	7.9	23	0.4	3.2	Cloudy. Rain early & late	
SUN	15	1008.7	20.7	14.6	17.7	13.3	17.8	15.9	130	08	7.8	21	0.8	1.0	Mainly cloudy, ocnl rain.	
MON	16	1010.5	18.6	14.3	16.5	13.7	18.1	15.9	170	08	6.5	17	0.5	6.7	Fair, ocnl cloudy. Slt shwrs pm	
TUE	17	1013.3	19.0	14.2	16.6	12.5	18.0	16.1	200	12	11.2	25	TR	9.9	Slt shwrs early, bec fair or fine	
WED	18	1019.7	18.8	14.0	16.4	12.4	18.1	16.2	230	11	7.3	17	TR	13.3	Cloudy early, bec fair or fine	
THU	19	1019.4	18.6	12.9	15.8	8.7	<u>18.3</u>	16.2	—	<u>00</u>	<u>4.0</u>	14	4.5	6.8	Tempo fog early, then fair to cloudy. Rain later, ocnl mod rain	
FRI	20	1015.0	17.8	12.6	15.2	12.8	18.2	16.4	280	11	11.2	27	NIL	10.6	Rain then shwrs. Bec fair, fine later	
SAT	21	1015.1	17.9	13.3	15.6	11.9	18.0	16.4	210	13	10.6	23	2.9	8.7	Fair, ocnl cloudy. Slt shwrs evng. Tempo funnel cloud	
SUN	22	1013.2	18.4	11.2	14.8	6.7	17.8	16.5	200	07	6.8	19	9.8	11.3	Slt shwr early bec fine, then fair. Cloudy late evng	
MON	23	<u>995.2</u>	17.4	13.9	15.7	13.8	18.1	16.5	160	07	9.5	16	0.6	0.1	Mod or hvy rain early. Cloudy, slt drzl later	
TUE	24	1011.3	18.9	13.9	16.4	13.3	17.8	16.4	310	11	11.9	21	NIL	13.2	Cloudy bec fair or fine	
WED	25	1014.7	18.6	13.5	16.1	10.9	18.1	16.5	190	15	11.9	23	4.1	4.8	Fine, dew bec fair. Cloudy late am. Rain pm. Rain/drzl & fog later	
THU	26	1009.0	18.6	14.6	16.6	13.3	17.8	16.5	200	16	16.2	34	1.0	2.2	Cloudy, rain pm. Bec fair or fine evng	
FRI	27	1015.0	19.2	14.3	16.8	13.2	17.2	16.5	210	12	11.7	23	<u>14.8</u>	3.6	Fair, ocnl cloudy am. Cloudy pm. Mod drzl, ocnl fog. Rain/drzl fog	
SAT	28	1019.1	18.6	13.9	16.3	12.4	17.6	16.5	260	13	13.0	33	1.1	6.6	Fog early, cloudy. Fair late am/early pm. Slt rain evng. Fog later	
SUN	29	1018.0	16.9	13.7	15.3	<u>15.6</u>	17.6	16.4	290	12	10.8	31	1.1	4.6	Drzl & fog, then rain. Bec fair pm. Fine evng, dew later	
MON	30	<u>1023.5</u>	17.3	12.1	14.7	9.2	17.3	16.5	010	07	6.3	17	NIL	<u>14.2</u>	Fine, dew early & late	
TUE	31	1021.5	19.3	11.5	15.4	6.8	17.2	<u>16.6</u>	130	04	6.6	18	NIL	<u>14.2</u>	Shallow fog early hours otherwise fine day throughout	
MEAN		1014.1	18.0	13.2	15.6	11.6	17.2	15.9	W	11.6	11.5	TOTAL	74.0	235.3		
30 YEAR AVE. 1971-00		1018.4	19.2	13.2	16.2	11.0	17.6	16.1	W	10.7	10.3	////	37.6	248.1		
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE		
		20	15	0	0	0	0	0	0	8	1	0	0			
RECORDS FROM JANUARY 1947																
WETTEST DAY	62.5mm	DRIEST MONTH	3.9mm	LOWEST MIN	8.3°C	WARMEST MNTH	19.4°C	SUNNIEST MNTH	335.9hrs	RAINFALL	553.7 mm	SUNSHINE	1153.0 hrs			
DAY/YEAR	7th/2004	YEAR	1999	DAY/YEAR	8th/1954	YEAR	1983	YEAR	1959	RAIN DAYS	122	SUNLESS DAYS	25			
WETTEST MNTH	120.2mm	HIGHEST MAX	31.7°C	LOWEST GRASS	1.0°C	COLDEST MNTH	13.8°C	DULLEST MNTH	167.7hrs	WET DAYS	90					
YEAR	1960	DAY/YEAR	1st/1952	DAY/YEAR	7th/1996	YEAR	1954	YEAR	1972							

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - AUGUST 2007

METEOROLOGICAL OBSERVATIONS AT COLUMBIA AIRPORT - 1955-1999															
DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)					
			mb												
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
WED	1	1014.3	20.8	13.0	16.9	11.2	17.5	16.5	130	05	6.7	15	TR	11.4	Fine. Land devil late am. Fair pm, slt shwr. Cloudy evng
THU	2	1014.9	18.2	13.4	15.8	12.5	17.7	16.4	250	12	10.5	22	0.7	4.9	Fair or fine bec cloudy. Rain late am bec fair pm. Dew later
FRI	3	1024.1	19.1	12.6	15.9	6.2	17.5	16.5	290	06	4.7	11	NIL	12.7	Fine bec fair, dew early & late
SAT	4	1023.4	22.7	13.4	18.1	7.8	17.6	16.5	180	07	5.7	14	NIL	14.1	Fair, dew bec fine
SUN	5	1010.8	21.9	16.3	19.1	14.4	18.2	16.5	140	08	9.0	20	TR	14.2	Fine bec cloudy late evng. Mist or haze, tempo slt drzl
MON	6	1012.6	18.5	13.7	16.1	12.5	18.3	16.6	270	16	12.9	23	TR	12.2	Cloudy, slt drzl early bec fair or fine
TUE	7	1016.9	18.1	12.3	15.2	7.1	18.0	16.6	280	03	6.1	14	NIL	11.7	Fine, dew bec fair. Fine evng, dew later
WED	8	1020.7	17.6	13.1	15.4	9.3	17.5	16.7	360	14	9.8	21	NIL	12.5	Fine, dew early. Tempo cloudy mid am
THU	9	1022.7	18.1	12.3	15.2	5.3	17.3	16.8	330	08	8.4	17	NIL	13.9	Fine, dew early & late
FRI	10	1020.5	19.2	12.4	15.8	5.7	17.3	16.6	340	06	6.5	15	NIL	13.9	Fine, dew early bec fair. Fine later
SAT	11	1017.1	21.0	11.8	16.4	3.9	17.2	16.5	130	02	3.1	09	TR	14.0	Fine, dew early & late. Dry air
SUN	12	1011.7	19.0	12.8	15.9	6.5	17.3	16.6	260	09	11.2	22	0.1	8.3	Fine bec cloudy. Temp slt rain am. Fair late am. Fair or fine pm.
MON	13	1012.7	18.8	12.8	15.8	9.2	17.4	16.6	240	13	9.5	22	21.6	5.6	Fine bec cloudy. Slt shwrs. Funnel cloud. OcC fair. Rain/drzl evng
TUE	14	1000.8	18.6	15.2	16.9	14.0	17.4	16.6	170	19	15.3	35	12.6	NIL	Rain. Temp hvy rain early. Rain, drzl & mist. Ocni fog pm. Fine late
WED	15	999.2	19.8	14.7	17.3	14.4	17.3	16.7	230	18	16.8	32	1.4	5.1	Fair to cloudy. Shwrs
THU	16	1014.0	17.5	13.0	15.3	11.6	17.2	16.6	290	16	13.8	25	2.5	9.0	Fair, ocni cloudy. Shwrs early & evng. Funnel cloud pm
FRI	17	1019.8	17.7	12.6	15.2	10.0	16.9	16.6	270	12	10.5	20	NIL	5.1	Fair bec cloudy. Slt shwrs early. Fair pm
SAT	18	1012.2	17.2	14.0	15.6	11.4	17.1	16.5	180	15	13.7	30	8.3	2.0	Fair bec cloudy. Rain late am. Temp hvy rain mist pm. Fog patches
SUN	19	1011.1	15.9	13.7	14.8	13.8	16.9	16.5	300	19	18.2	32	6.8	0.6	Cloudy, slt rain early. Fine late
MON	20	1006.3	15.7	11.9	13.8	10.4	16.3	16.4	260	14	10.6	35	13.4	0.1	Fine bec cloudy. Rain mid am. Temp hvy rain. Mod rain pm bec slt
TUE	21	1013.5	17.2	12.8	15.0	10.9	16.0	16.3	350	13	14.3	28	0.1	1.2	Mainly cloudy, tempo slt rain am
WED	22	1016.5	18.6	15.3	17.0	13.7	16.0	16.2	340	18	13.2	31	4.6	1.5	Mainly cloudy. Ocni rain. Tempo hvy rain pm
THU	23	1017.2	18.9	14.5	16.7	13.9	16.3	16.1	350	10	9.8	24	TR	3.3	Cloudy. Tempo fine am. Fair evng
FRI	24	1024.4	19.2	14.2	16.7	11.4	16.6	16.1	030	08	6.7	18	TR	7.8	Fine bec cloudy. Tempo slt drzl. Fair bec fine pm. Mist dew late
SAT	25	1030.3	20.7	13.0	16.9	8.1	16.7	16.1	130	04	3.2	11	TR	13.0	Fine, mist & dew early. Shallow fog late evng, dew
SUN	26	1028.9	19.5	14.8	17.2	8.2	16.9	16.1	030	09	7.4	25	TR	7.6	Fine, dew bec fog. Tempo thick fog. Mainly fair pm
B.HOL	27	1026.0	19.9	13.4	16.7	10.2	17.2	16.2	060	11	9.1	21	TR	12.9	Fine, dew early. Ocni fair. Dew late evng
TUE	28	1021.7	18.2	12.7	15.5	6.9	17.3	16.2	080	10	12.3	29	NIL	6.7	Fair, dew bec cloudy. Fair pm
WED	29	1020.9	17.5	12.9	15.2	8.7	17.0	16.3	020	11	8.5	19	NIL	10.1	Fair bec fine. Fair late am bec fine pm
THU	30	1025.0	17.9	12.4	15.2	6.8	16.8	16.2	320	08	8.2	17	NIL	1.0	Fine, dew bec cloudy. Fine late evng
FRI	31	1026.2	18.1	13.5	15.8	10.6	16.6	16.2	300	12	9.7	21	TR	4.2	Fair ro fine, dew bec mainly cloudy
MEAN		1017.3	18.7	13.4	16.1	9.9	17.1	16.4	W	10.8	9.9	TOTAL	72.1	240.6	
30 YEAR AVE. 1971-00		1017.8	19.5	13.7	16.6	11.0	17.9	17.0	W	10.0	9.7	////	45.8	235.0	
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE	
		9	8	0	0	0	0	0	0	3	1	0	1		
RECORDS FROM JANUARY 1947															
WETTEST DAY	55.8mm	DRIEST MONTH	3.8mm	LOWEST MIN	9.2°C	WARMEST MNTH	19.3°C	SUNNIEST MNTH	323.0hrs	RAIN FALL 625.8 mm SUNSHINE 1393.6 hrs					
DAY/YEAR	22nd/1973	YEAR	1955	DAY/YEAR	28th/1986	YEAR	2003	YEAR	1955	RAIN DAYS 131 SUNLESS DAYS 26					
WETTEST MNTH	122.0mm	HIGHEST MAX	34.3	LOWEST GRASS	0.8°C	COLDEST MNTH	14.3°C	DULLEST MNTH	139.2hrs	WET DAYS 98					
YEAR	1951	DAY/YEAR	9th/2003	DAY/YEAR	11th/1981	YEAR	1956	YEAR	1992						

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2007

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - SEPTEMBER 2007																		
DAY	DATE	BAROMETER	TEMPERATURE deg C					WIND				RAIN	SUN	WEATHER				
		mb	AIR			GRASS	SOIL		DIR'N	SPEED(knots)			mm		hrs			
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX						
SAT	1	1025.1	18.7	13.8	16.3	11.4	16.6	16.2	280	09	8.5	17	NIL	5.6	Fair bec cloudy. Fair pm. Cloudy later			
SUN	2	1022.7	18.7	13.2	16.0	9.2	17.0	16.2	270	11	10.5	25	TR	6.3	Cloudy bec fair. Cloudy late am, early pm. Ocnl fine. Drzl fog late			
MON	3	1020.6	17.9	13.2	15.6	<u>14.4</u>	17.4	16.2	320	12	10.3	21	NIL	8.0	Slt drzl & fog early. Bec fair late am. Fine late pm			
TUE	4	1029.2	16.5	11.7	14.1	6.0	16.9	16.3	350	09	6.4	19	NIL	<u>12.3</u>	Fine, dew late			
WED	5	<u>1032.7</u>	18.4	11.1	14.8	5.1	16.4	16.4	220	06	5.5	16	NIL	8.2	Fine, dew bec fair. Ocnl cloudy. Fine evng, dew later			
THU	6	1032.2	20.1	14.1	17.1	10.2	16.8	16.4	040	09	6.8	17	TR	11.8	Fine, dew early & late			
FRI	7	1031.9	<u>21.2</u>	<u>15.0</u>	<u>18.1</u>	12.1	17.4	16.4	070	06	5.2	12	NIL	8.9	Fine, dew bec fair, mist. Tempo cloudy, slt shwr. Fine late am			
SAT	8	1028.6	19.7	13.7	16.7	10.2	<u>17.8</u>	16.4	020	08	6.3	16	NIL	10.2	Fair, ocnl cloudy, mist. Shallow fog mid am. Tempo fog, bec fine.			
SUN	9	1025.8	19.0	12.9	16.0	9.6	17.4	16.5	020	06	6.1	14	NIL	7.0	Fine, mist & dew. Cloudy mid am, bec fair. Fine evng, mist & dew			
MON	10	1023.8	18.6	12.6	15.6	6.0	17.1	16.5	300	10	11.4	23	NIL	8.3	Fair, dew early. Ocnl cloudy. Fine late			
TUE	11	1025.7	18.3	11.7	15.0	6.2	16.9	<u>16.6</u>	020	09	7.8	20	NIL	10.7	Fine, tempo fair			
WED	12	1028.5	19.0	11.3	15.2	4.8	16.4	<u>16.6</u>	060	<u>03</u>	5.1	17	NIL	8.3	Fine, dew bec fair			
THU	13	1025.3	19.1	12.5	15.8	7.5	16.3	16.4	060	11	7.5	19	NIL	10.4	Fine, dew. Tempo mist am. Dew & shallow fog later			
FRI	14	1023.0	18.8	12.0	15.4	4.2	16.2	16.3	300	10	8.8	19	0.2	9.6	Fine, shallow fog early. Tempo cloudy am. Cloudy evng, rain later			
SAT	15	1025.8	18.5	12.7	15.6	6.3	16.6	16.2	200	04	4.6	13	NIL	11.9	Cloudy bec fair or fine			
SUN	16	1017.2	17.6	12.3	15.0	6.2	16.4	16.3	230	12	10.6	24	6.3	2.0	Fine, dew. Tempo shallow fog bec cloudy. Rain & drzl late			
MON	17	<u>1012.5</u>	15.8	12.3	14.1	12.2	16.3	16.1	260	04	10.2	27	TR	0.9	Rain, drzl & mist ceased late am. Fair or fine evng			
TUE	18	1026.0	14.5	10.1	12.3	7.2	15.4	16.2	350	11	9.0	23	NIL	10.1	Fair or fine			
WED	19	1025.6	16.7	<u>8.9</u>	12.8	4.3	15.1	16.1	240	13	13.0	25	TR	4.6	Fine bec cloudy. Fair pm. Cloudy evng, tempo slt rain			
THU	20	1021.5	18.2	14.0	16.1	12.7	15.3	15.9	220	15	14.6	29	NIL	2.8	Cloudy, ocnl fair			
FRI	21	1019.8	17.9	13.5	15.7	11.2	15.5	15.9	210	14	9.1	20	NIL	6.1	Cloudy bec fair. Cloudy evening			
SAT	22	1022.4	18.7	12.5	15.6	5.6	15.4	15.7	200	05	<u>4.1</u>	13	NIL	6.4	Cloudy bec fair to fine. Ocnl cloudy pm			
SUN	23	1020.2	18.2	12.8	15.5	7.7	15.5	15.7	190	12	11.4	24	<u>10.1</u>	3.8	Fine, dew bec fair. Ocnl cloudy am. Cloudy pm, drzl & rain			
MON	24	1013.0	16.8	11.4	14.1	11.1	15.7	15.7	280	<u>22</u>	<u>20.3</u>	<u>53</u>	2.7	7.9	Rain & drzl. Tempo heavy rain 0445 bec fair. Heavy shwr evng			
TUE	25	1016.9	15.9	11.0	13.5	8.5	15.2	15.7	280	17	15.9	29	3.2	5.5	Fine bec fair. Shwrs. Tempo hvy shwr pm			
WED	26	1022.3	14.2	9.2	11.7	8.8	14.7	15.6	350	13	12.6	31	2.3	5.2	Fine bec fair. Mainly cloudy pm, shwrs			
THU	27	1021.8	<u>13.3</u>	9.3	<u>11.3</u>	6.5	13.9	15.4	010	14	12.4	28	TR	7.0	Fair bc cloudy. Fair late am			
FRI	28	1014.7	15.4	10.2	12.8	5.3	<u>13.8</u>	15.3	010	11	8.1	17	1.3	8.7	Fair or fine. Cloudy by evng, tempo shwrs			
SAT	29	1013.9	17.2	11.4	14.3	9.1	14.3	<u>15.1</u>	290	06	4.4	10	0.2	2.5	Mainly cloudy, slt shwrs pm			
SUN	30	1018.4	17.3	10.1	13.7	<u>3.3</u>	14.0	<u>15.1</u>	110	08	8.5	20	6.2	<u>0.5</u>	Fair bec cloudy Rain by evng. Heavy rain late.			
MEAN		1022.9	17.7	12.0	14.8	8.1	16.0	16.0	N	10.0	9.2	TOTAL	32.5	211.5				
30 YEAR AVE. 1971-00		1017.1	17.6	12.5	15.1	9.6	16.0	16.2	W	11.5	11.1	////	66.8	174.0				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THUNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		9	7	0	0	0	1	0	0	3	0	0	0					
RECORDS FROM JANUARY 1947															RAINFALL	658.3 mm	SUNSHINE	1605.1 hrs
WETTEST DAY DAY/YEAR		43.7mm 20th/1949	DRIEST MONTH YEAR		6.9mm 1997	LOWEST MIN DAY/YEAR		5.8°C 28th/1974	WARMEST MNTH YEAR		17.5°C 1949	SUNNIEST MNTH YEAR		266.5hrs 1959	RAIN DAYS	140	SUNLESS DAYS	26
WETTEST MNTH YEAR		194.5mm 1952	HIGHEST MAX DAY/YEAR		30.6°C 2nd/1961	LOWEST GRASS DAY/YEAR		-1.0°C 23rd/1979	COLDEST MNTH YEAR		12.8°C 1986	DULLEST MNTH YEAR		104.5hrs 1956	WET DAYS	105		

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - OCTOBER 2007

METEOROLOGICAL OBSERVATIONS AT GUSKSENY AIRPORT OCTOBER 1991																		
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		
MON	1	1018.5	20.5	14.2	17.4	12.7	14.4	15.0	130	07	6.6	19	0.1	4.6	Cloudy, rain early then mist. Bec fair. Mainly cloudy pm. Fine later			
TUE	2	1019.4	16.9	12.8	14.9	8.1	14.9	14.9	050	08	6.0	16	TR	0.5	Fine, dew bec fair, mist. Tempo shallow fog, cloudy. Slt rain evng			
WED	3	1018.9	16.8	11.9	14.4	4.7	14.8	14.9	320	06	4.9	12	NIL	8.4	Fine, dew bec fair. Shallow fog late evng, dew			
THU	4	1022.6	17.7	10.7	14.2	4.4	14.4	14.9	330	04	4.6	13	NIL	5.1	Fine bec fair, dew. Ocnl shallow fog. Ocnl cloudy bec fin			
FRI	5	1023.7	17.8	10.9	14.4	5.1	14.3	14.9	070	10	9.8	24	NIL	10.4	Fine, dew early			
SAT	6	1021.9	17.0	12.3	14.7	9.8	14.4	14.9	060	12	10.3	20	NIL	9.5	Fine, dew bec fair. Fine pm, dew later			
SUN	7	1021.6	17.0	11.1	14.1	3.8	14.3	14.9	060	02	3.4	09	NIL	3.4	Fine, dew bec fair. Cloudy late am, haze. Fair evng, mist. Cloudy			
MON	8	1025.9	17.3	12.1	14.7	5.2	14.3	14.8	330	07	3.5	12	0.4	5.1	Cloudy, mist bec fine, haze & dew. Fair, ocnl cloudy			
TUE	9	1026.3	16.2	11.8	14.0	5.4	14.4	14.8	230	14	11.3	25	4.7	NIL	Fair bec cloudy. Tempo rain or drzl am. Rain pm bec fair evng			
WED	10	1024.5	15.0	12.5	13.8	9.0	14.3	14.8	360	12	11.0	27	TR	1.5	Fine bec cloudy, tempo slt shwrs. Fair evng. Shwrs later			
THU	11	1029.7	17.6	11.8	14.7	8.6	14.2	14.8	020	03	4.9	15	NIL	5.3	Cloudy, tempo mist bec fair. Haze evng, mist & dew later			
FRI	12	1027.4	16.0	11.4	13.7	4.2	14.1	14.7	340	04	4.0	12	0.1	0.2	Fair, shallow fog bec cloudy. Slt drzl pm			
SAT	13	1025.9	16.0	11.9	14.0	12.8	14.6	14.7	120	04	6.0	15	NIL	3.6	Cloudy, mist & slt drzl early. Bec fine pm, dew letar			
SUN	14	1020.3	16.8	11.3	14.1	7.2	14.3	14.7	140	02	3.3	09	NIL	7.4	Fine, dew bec cloudy, mist then fine. Shallow fog evng			
MON	15	1016.4	15.7	10.3	13.0	2.8	14.0	14.7	220	10	8.8	21	TR	2.0	Cloudy, tempo fine am. Tempo slt rain/drzl pm bec fine late evng			
TUE	16	1015.7	17.0	13.5	15.3	10.2	14.1	14.6	200	13	13.8	31	2.5	2.3	Fine bec cloudy, slt drzl mid am. Ocnl fair. Rain evng, tempo mod			
WED	17	1021.3	15.0	11.6	13.3	10.8	14.3	14.6	350	11	10.6	25	NIL	8.7	Cloudy bec fine mid am. Fair pm			
THU	18	1033.7	14.5	8.5	11.5	4.4	13.7	14.5	070	07	6.0	13	NIL	7.5	Fair			
FRI	19	1035.5	13.8	7.3	10.6	2.8	12.9	14.5	130	07	7.4	18	NIL	9.1	Fine, dew early			
SAT	20	1035.5	13.4	7.3	10.4	2.3	12.8	14.4	110	11	10.9	23	NIL	9.1	Fine			
SUN	21	1031.6	12.5	8.0	10.3	4.2	12.1	14.2	140	08	7.5	16	NIL	9.0	Fine. Fair pm, tempo dry air			
MON	22	1022.6	12.1	10.0	11.1	4.2	12.0	14.0	140	12	9.8	19	NIL	0.4	Fair bec cloudy			
TUE	23	1023.2	12.3	6.0	9.2	2.0	11.8	13.9	090	12	13.0	29	NIL	9.6	Cloudy bec fine			
WED	24	1024.0	12.8	9.6	11.2	7.4	11.8	13.7	060	17	15.6	31	TR	3.2	Fine bec fair to cloudy. Showery rain evng, drzl later			
THU	25	1022.8	12.2	9.0	10.6	9.0	11.9	13.6	090	07	7.5	20	0.3	NIL	Cloudy, ocnl drzl. Haze			
FRI	26	1022.4	12.1	8.5	10.3	7.8	11.8	13.4	080	05	3.9	11	0.2	NIL	Cloudy, dri & haze early			
SAT	27	1027.8	14.8	10.5	12.7	7.6	12.1	13.4	220	11	10.7	23	0.2	3.6	Cloudy, drzl early. Ocnl fair. Cloudy pm. Haze evng			
SUN	28	1020.7	15.4	11.1	13.3	10.7	12.5	13.2	200	16	14.4	27	13.6	0.2	Cloudy, haze. Tempo rain early. Gradu rain pm. Tempo mod rain			
MON	29	1013.9	13.3	10.5	11.9	9.9	12.9	13.3	330	18	14.0	31	0.2	5.4	Fair bec cloudy. Shwry rain, tempo hvy rain mid am. Bec fair			
TUE	30	1024.3	14.3	10.9	12.6	7.8	12.2	13.3	330	13	10.0	24	NIL	8.0	Cloudy, slt shwr early bec fair or fine			
WED	31	1031.6	15.0	9.8	12.4	2.0	11.6	13.3	250	03	4.3	12	TR	5.1	Fine, slt dew early bec cloudy pm. Tempo slt pm			
MEAN		1024.2	15.3	10.6	13.0	6.7	13.4	14.3	E	8.9	8.3	TOTAL	22.3	148.2				
30 YEAR AVE. 1971-00		1015.6	14.7	10.5	12.6	7.7	13.3	14.3	W	12.6	12.5	////	89.1	118.3				
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE				
		8	3	0	0	0	0	0	0	0	0	0	3					
RECORDS FROM JANUARY 1947														RAINFALL	680.6 mm	SUNSHINE	1753.3 hrs	
WETTEST DAY		46.2mm	DRIEST MONTH		3.4mm	LOWEST MIN		3.5°C	WARMEST MNTH		15.2	SUNNIEST MNTH		176.4hrs	RAIN DAYS	148	SUNLESS DAYS	29
DAY/YEAR		7th/1987	YEAR		1978	DAY/YEAR		28th/2003	YEAR		2001/06	YEAR		1971	WET DAYS	108		
WETTEST MNTH		233.9mm	HIGHEST MAX		23.3°C	LOWEST GRASS		-4.0°C	COLDEST MNTH		9.6°C	DULLEST MNTH		72.6hrs				
YEAR		1960	DAY/YEAR		4th,5th/1959	DAY/YEAR		30th/1983	YEAR		1974	YEAR		1968				

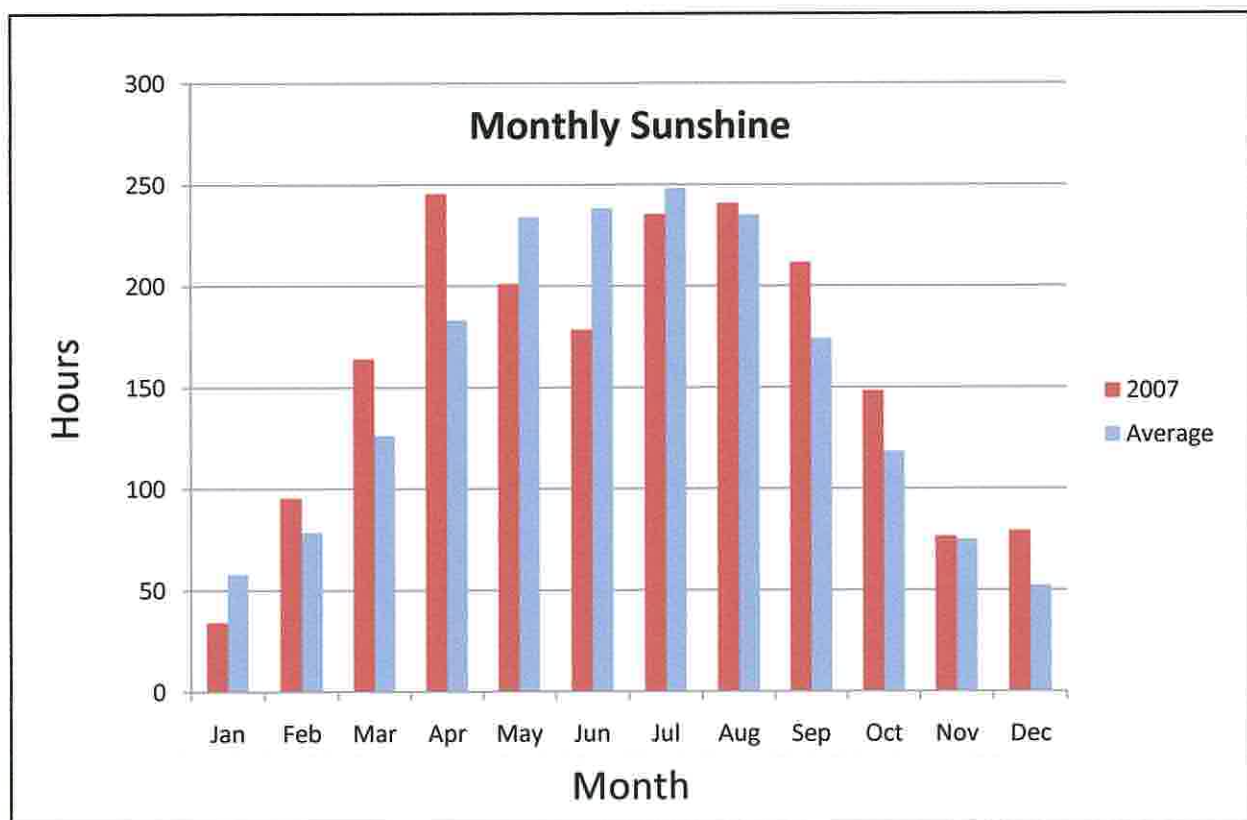
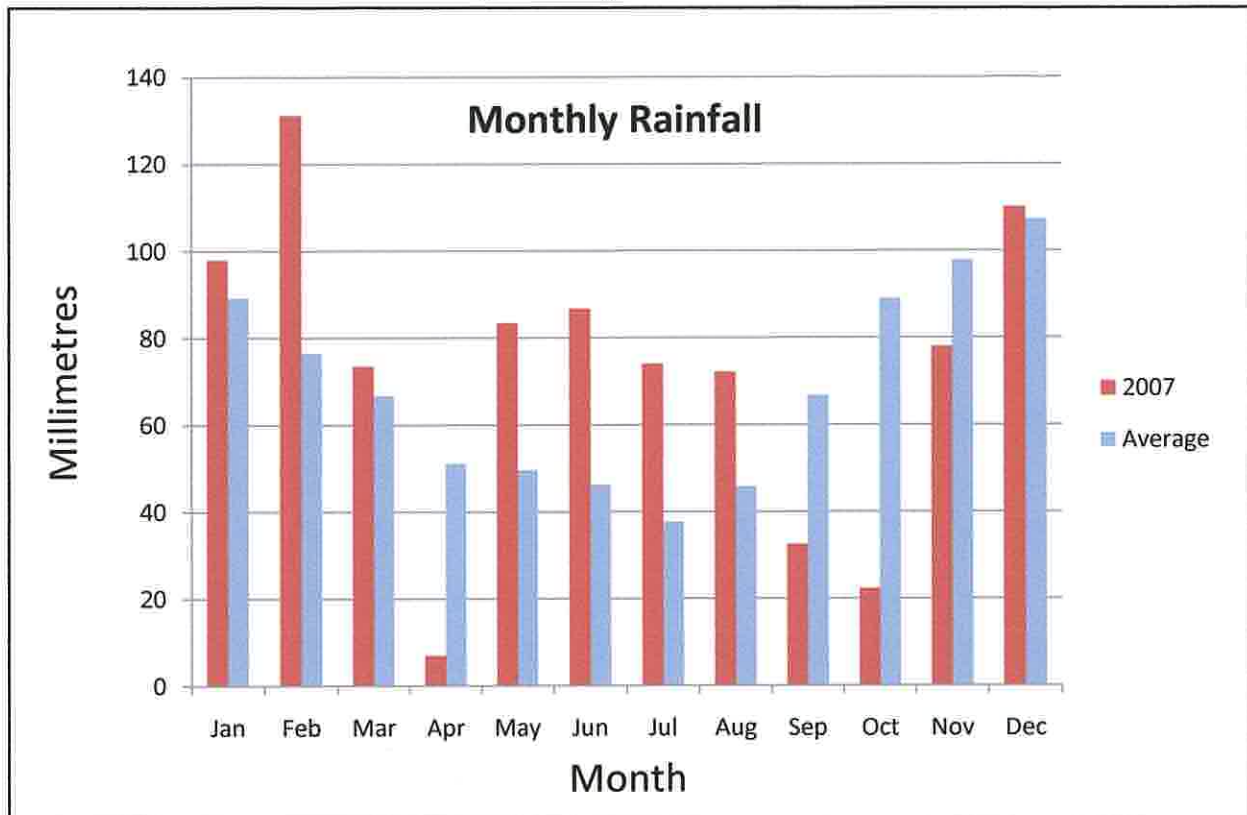
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - NOVEMBER 2007

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	1034.4	14.3	<u>11.4</u>	12.9	<u>11.1</u>	12.2	<u>13.3</u>	310	06	5.5	12	NIL	NIL	Cloudy bec fair evening		
FRI	2	1035.9	<u>15.5</u>	11.2	<u>13.4</u>	5.4	12.3	13.2	010	05	5.1	13	NIL	4.7	Fair, dew bec cloudy. Fair midday. Fine evng, dew. Shallow fog		
SAT	3	1033.1	13.8	10.9	12.4	3.8	12.3	13.1	360	03	<u>4.0</u>	11	NIL	NIL	Fine, shallow fog bec cloudy		
SUN	4	1029.9	14.3	9.7	12.0	9.5	<u>12.4</u>	13.1	040	09	5.3	17	NIL	2.7	Cloudy bec fair then fine pm. Dew later		
MON	5	1031.3	13.5	8.3	10.9	3.1	11.9	13.1	190	05	7.2	22	0.8	0.5	Fair or fine, dew bec cloudy. Shwrs later		
TUE	6	<u>1036.1</u>	13.4	9.2	11.3	4.9	11.9	13.0	360	07	7.4	21	NIL	<u>7.7</u>	Cloudy bec fine. Fair evng, cloudy later		
WED	7	1031.9	14.0	8.9	11.5	1.5	11.6	13.1	290	16	11.9	23	TR	3.7	Fair bec cloudy. Slt rain am. Fine midday. Ocnl cloudy pm,slt shwr		
THU	8	1024.5	14.8	10.4	12.6	7.0	11.8	13.0	290	11	16.0	<u>43</u>	0.4	1.4	Cloudy, slt shwrs mid am. Ocnl fair pm. Rain evng bec fine		
FRI	9	1029.9	12.1	9.1	10.6	6.2	11.4	13.0	320	17	15.9	32	NIL	3.9	Fair, ocnl cloudy		
SAT	10	1028.5	13.5	10.4	12.0	6.7	11.2	12.9	300	16	17.3	30	NIL	1.6	Cloudy, ocnl fair		
SUN	11	1022.6	14.3	11.0	12.7	7.9	11.2	12.7	290	20	16.6	30	TR	3.4	Cloudy bec fair. Cloudy pm, slt shwrs. Fair or fine late evng		
MON	12	1026.6	11.3	6.0	8.7	2.8	11.3	12.7	040	08	5.8	19	TR	3.7	Fair to cloudy, slt shwr early bec fair. Ocnl cloudy. Cloudy evng		
TUE	13	1019.7	12.4	5.1	8.8	-0.6	10.6	12.6	260	19	16.1	34	0.5	0.1	Cloudy, tempo fair early. Ocnl drz/rain mid late am. Slt shwrs pm		
WED	14	1019.2	11.5	8.6	10.1	5.8	10.6	12.5	350	15	11.8	34	TR	3.6	Cloudy, slt shwr early bec fair. Bec cloudy pm, slt shwrs later		
THU	15	1026.7	11.3	4.4	7.9	2.8	10.4	12.3	060	07	7.3	16	NIL	7.4	Fair, ocnl fine		
FRI	16	1029.9	10.2	<u>4.2</u>	7.2	-1.7	9.7	12.3	200	05	4.9	13	7.2	1.6	Fine bec cloudy. Ocnl fair pm. Slt shwrs evng		
SAT	17	1028.2	<u>8.6</u>	5.4	<u>7.0</u>	5.2	9.8	12.2	190	10	10.1	31	<u>16.5</u>	NIL	Cloudy bec rain. Tempo hvy rain mid am, rain/drzl. Tempo fair eve		
SUN	18	1001.6	11.4	4.6	8.0	2.7	<u>9.0</u>	12.0	150	<u>24</u>	<u>19.9</u>	42	8.5	0.1	Cloudy, rain mid am bec hvy rain. Slt rain late am. Shwrs eve		
MON	19	<u>996.5</u>	11.1	7.6	9.4	5.1	<u>9.2</u>	11.8	190	15	14.3	32	TR	5.2	Fair, ocnl cloudy early, shwrs. Lghtng evng		
TUE	20	1000.3	11.4	8.8	10.1	7.4	9.6	11.6	120	12	10.2	23	5.1	NIL	Fair or fine bec cloudy. Slt rain mid am. Rain, tempo mod rain pm		
WED	21	1001.6	12.1	8.9	10.5	6.1	9.8	11.5	210	08	10.9	28	14.3	2.1	Cloudy, shwr early bec fair. Cloudy midday, rain / shwrs. Lghtng		
THU	22	1004.7	11.3	8.5	9.9	6.4	10.0	11.5	320	10	8.6	21	0.1	5.5	Cloudy, violent shwr & lghtng early bec fine. Mainly fair pm		
FRI	23	1019.4	9.8	6.2	8.0	2.2	9.7	11.5	030	15	12.0	24	NIL	3.8	Fair bec cloudy, slt shwrs. Fair bec fine pm		
SAT	24	1030.7	11.0	<u>4.2</u>	7.6	<u>-2.5</u>	<u>9.0</u>	11.4	—	<u>00</u>	9.4	30	TR	3.9	Fine bec fair. Cloudy pm. Slt rain/drzl evng		
SUN	25	1028.0	12.2	10.6	11.4	7.0	9.5	11.4	350	12	13.1	26	NIL	4.3	Cloudy bec fair late am. Cloudy evng		
MON	26	1033.2	13.3	9.9	11.6	5.4	9.7	<u>11.2</u>	320	06	6.7	14	0.2	1.7	Cloudy, ocnl fair		
TUE	27	1030.9	13.1	9.7	11.4	4.1	10.2	<u>11.2</u>	300	04	4.4	12	0.3	1.9	Mainly cloudy, drizzle evening		
WED	28	1020.9	11.4	8.6	10.0	5.1	10.4	<u>11.2</u>	200	09	11.2	28	8.4	0.1	Cloudy. Rain or drizzle afternoon. Tempo hvy evng. Fair later		
THU	29	1008.7	12.6	8.8	10.7	7.7	10.4	<u>11.2</u>	210	18	12.3	29	0.7	1.7	Cloudy with rain or drzl am. Bec fair then fine evening		
FRI	30	1012.3	13.1	7.0	10.1	1.2	10.2	11.3	230	17	17.5	41	15.0	NIL	Cloudy, rain/drzl. Rain, hvy at times pm		
MEAN		1022.6	12.4	8.3	10.3	4.6	10.6	12.2	NW	11.0	10.6	TOTAL	78.0	76.3			
30 YEAR AVE. 1971-00		1016.2	11.4	7.7	9.5	5.0	10.1	11.7	SW	13.4	13.5	////	97.9	74.9			
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE			
		13	7	0	0	0	3	0	3	0	0	0	5				
RECORDS FROM JANUARY 1947														RAINFALL	758.6 mm	SUNSHINE	1829.6 hrs
WETTEST DAY	39.4mm	DRIEST MONTH		16.1mm	LOWEST MIN		0.0°C	WARMEST MNTH		12.0°C	SUNNIEST MNTH		123.6hrs	RAIN DAYS	161	SUNLESS DAYS	34
DAY/YEAR	15th/1975	YEAR		1978	18th/1952,19th/1985,22nd,28th/1993		YEAR	1994		YEAR	2006		YEAR	2006			
WETTEST MNTH	192.5mm	HIGHEST MAX		16.8°C	LOWEST GRASS		-5.6°C	COLDEST MNTH		7.7°C	DULLEST MNTH		35.9hrs	WET DAYS	115		
YEAR	1965	DAY/YEAR		1st/1999	DAY/YEAR		29th/1987	YEAR		1993	YEAR		1994				

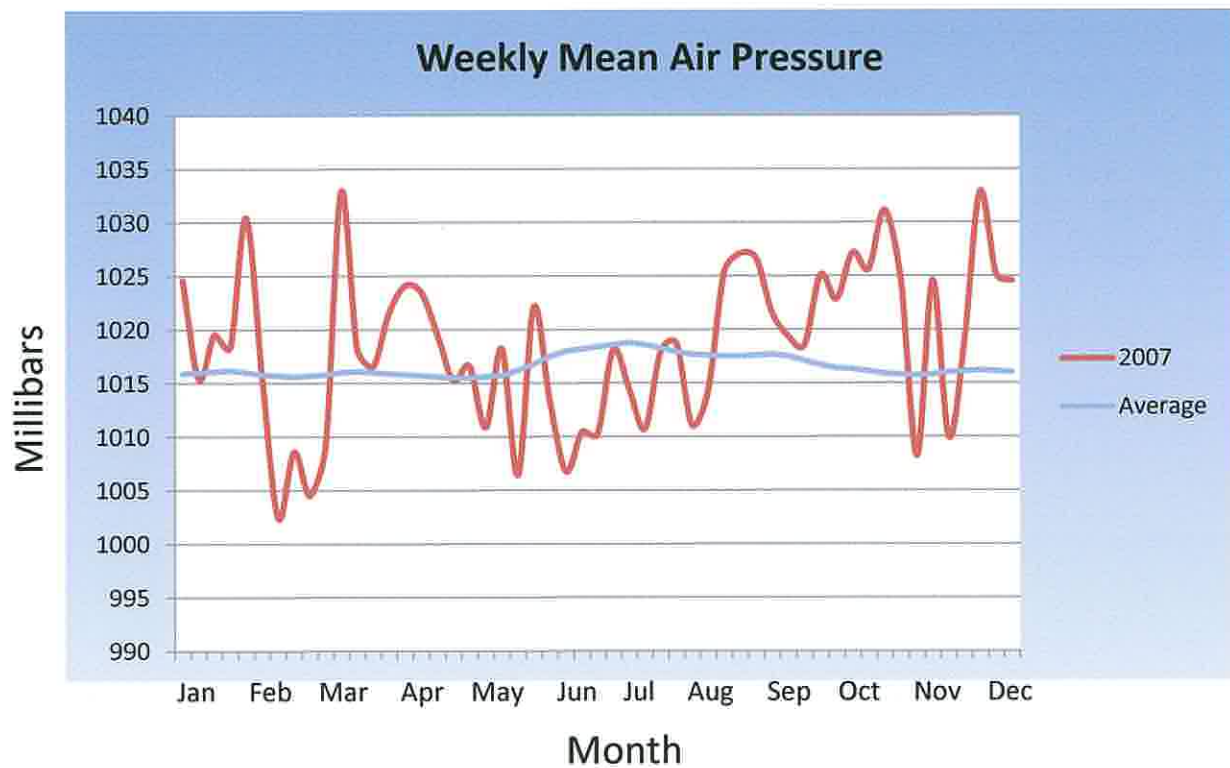
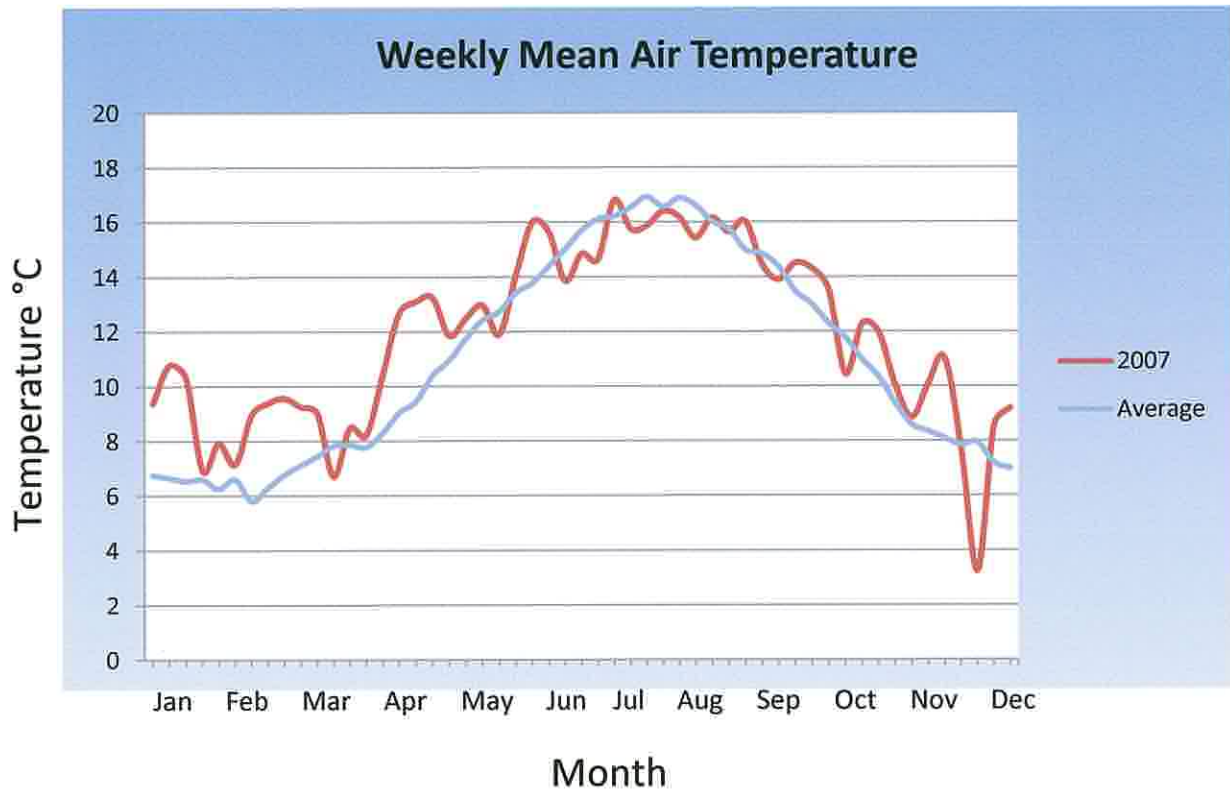
METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - DECEMBER 2007

METEOROLOGICAL OBSERVATIONS AT GUERNSEY AIRPORT - DECEMBER 2007																										
DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	SUN	WEATHER											
			AIR			GRASS	SOIL		DIR'N	SPEED(knots)																
			mb																							
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs												
SAT	1	1008.5	12.7	7.4	10.1	5.5	10.4	11.4	260	20	23.8	51	30.8	3.7	Cloudy bec fair, ocnl cloudy. Hvy shwrs, hail											
SUN	2	1000.6	13.5	7.6	10.6	6.6	10.2	11.4	220	29	30.4	71	15.3	NIL	Cloudy, hvy shwrs early bec hvy rain. Gales pm. Squall evng											
MON	3	1009.1	11.8	8.7	10.3	5.2	10.1	11.3	290	18	22.2	54	2.0	4.3	Hvy shwr early, gale bec fair. Cloudy evng, shwrs. Fine late											
TUE	4	1018.9	13.6	10.3	12.0	6.6	10.1	11.2	220	14	14.1	29	6.6	NIL	Fine bec cloudy, rain or drzl am.											
WED	5	1010.2	13.8	10.2	12.0	11.4	10.8	11.3	200	22	22.8	43	1.1	2.2	Cloudy, rain mid am. Fair pm. Slt shwr evng											
THU	6	1016.0	13.5	11.4	12.5	9.1	10.8	11.3	230	21	24.1	45	6.5	NIL	Fair bec cloudy. Rain mid am. Drzl & rain. Mist. Hvy rain late											
FRI	7	1008.0	13.5	7.9	10.7	7.5	11.2	11.3	280	29	27.9	56	7.4	2.0	Cloudy, drzl & rain early bec fair to cloudy. Shwrs. Gales											
SAT	8	1006.7	13.2	7.8	10.5	5.6	10.3	11.4	190	20	22.1	51	12.7	NIL	Fair bec cloudy. Rain mid am. Mod to hvy rain. Shwrs evng. Gale.											
SUN	9	988.2	11.1	6.5	8.8	4.8	10.0	11.4	250	40	30.3	69	12.4	0.4	Mainly cloudy, shwrs. Gales. Hvy shwrs early pm. Lghtng											
MON	10	1012.1	10.0	7.4	8.7	5.7	9.5	11.3	310	27	21.1	45	NIL	5.2	Cloudy, slt shwr early bec fair then fine											
TUE	11	1032.7	8.5	3.1	5.8	-4.5	8.6	11.2	320	03	3.2	17	NIL	7.3	Fine. Slt hoar frost mid am. Fair pm. Slt hoar frost evng											
WED	12	1036.1	7.7	3.9	5.8	-4.2	7.7	11.0	160	09	6.7	14	NIL	0.7	Fine bec fair to cloudy. Fair evng bec fine											
THU	13	1039.0	5.9	1.8	3.9	0.7	7.7	10.8	110	10	8.3	18	NIL	5.0	Fair or fine. Ocnl cloudy early pm. Dew evng											
FRI	14	1038.3	5.9	1.8	3.9	-4.6	7.3	10.6	100	07	9.2	22	NIL	0.9	Fine, dew. Slt hoar frost. Mist bec mainly cloudy											
SAT	15	1032.7	5.6	1.0	3.3	1.2	7.4	10.3	080	14	12.8	26	NIL	0.1	Cloudy bec fair or fine evng											
SUN	16	1033.3	4.4	1.1	2.7	-1.4	6.8	10.0	090	15	13.9	27	NIL	6.2	Fair, tempo cloudy am. Fine pm											
MON	17	1030.9	6.4	0.0	3.2	0.3	6.6	9.8	070	19	19.3	41	NIL	5.4	Fine bec cloudy pm											
TUE	18	1033.6	5.6	-0.1	2.8	-1.0	6.2	9.7	090	14	13.3	26	NIL	6.7	Cloudy bec fine. Fair evng bec cloudy											
WED	19	1034.2	5.6	-0.5	2.6	-1.1	6.1	9.5	080	12	10.3	26	NIL	1.4	Cloudy bec fair. Haze. Cloudy bec fine by evng. Hoar frost later											
THU	20	1032.0	7.4	1.3	4.4	-3.2	5.7	9.1	070	05	6.8	16	NIL	7.5	Fine, haze early. Hoar frost. Dew evng. Hoar frost later											
FRI	21	1024.2	8.1	3.6	5.9	-1.4	5.6	9.0	150	09	9.8	17	NIL	6.2	Fine, hoar frost. Bec fair pm. Cloudy evng											
SAT	22	1023.5	9.4	6.8	8.1	6.0	6.3	8.9	170	12	7.3	18	0.2	0.7	Cloudy. Tempo slt rain midday. Fair evng, mist & dew. Cloudy											
SUN	23	1029.7	11.8	5.5	8.7	-1.8	6.6	8.8	080	01	3.9	13	NIL	2.4	Cloudy bec fair or fine. Dew. Cloudy pm. Fair late											
MON	24	1025.8	10.2	6.8	8.5	-0.9	7.0	8.8	200	14	13.8	27	1.1	3.5	Fair or fine am. Bec cloudy pm.											
XMAS	25	1014.8	11.0	7.3	9.2	7.6	7.5	8.9	290	09	11.9	27	8.4	NIL	Cloudy, rain & drzl/mist am. Mod rain early pm. Fair by evng											
B.DAY	26	1026.5	11.4	6.7	9.1	0.3	7.7	9.0	260	07	10.3	26	NIL	1.1	Rain/drzl early. Cloudy, tempo fair											
THU	27	1029.3	11.6	9.6	10.6	6.9	8.1	9.0	210	13	13.5	27	NIL	0.1	Cloudy											
FRI	28	1024.3	11.3	8.7	10.0	6.6	8.4	9.1	200	20	19.5	37	5.2	1.0	Mainly cloudy. Rain early evng											
SAT	29	1016.7	11.6	5.7	8.7	3.8	8.5	9.2	250	16	21.7	48	0.4	4.7	Cloudy, shwrs bec fair. Tempo shwrs											
SUN	30	1028.6	10.8	7.7	9.3	1.2	8.2	9.2	330	07	7.3	24	NIL	0.3	Fair bec cloudy.											
MON	31	1030.7	9.5	8.3	8.9	5.4	8.3	9.5	220	06	6.4	13	NIL	NIL	Cloudy.											
MEAN		1022.4	9.9	5.7	7.8	2.7	8.2	10.2	E	14.9	15.1	TOTAL	110.1	79.0												
30 YEAR AVE. 1971-00		1016.0	9.6	6.0	7.8	3.9	8.0	9.5	SW	14.3	14.5	////	107.3	52.2												
EXTREMES ARE IN BOLD TYPE	NUMBER OF DAYS WITH	RAIN ≥0.2mm	WET ≥1.0mm	SNOW/ SLEET	HAIL	THNDER	LGHTNG	AIR FROST	GROUND FROST	FOG	FOG 9a.m.	GALE	NO SUN	TOTALS FOR YEAR TO DATE												
		14	12	0	1	0	3	2	10	0	0	6	6													
RECORDS FROM JANUARY 1947														RAINFALL	868.7 mm	SUNSHINE	1908.6 hrs									
WETTEST DAY DAY/YEAR														42.2mm 30th/1978	DRIEST MONTH YEAR	28.1mm 1953	LOWEST MIN DAY/YEAR	-3.8°C 24th/1963	WARMEST MNTH YEAR	10.1°C 1953	SUNNIEST MNTH YEAR	108.9hrs 2001	RAIN DAYS	175	SUNLESS DAYS	40
WETTEST MNTH YEAR														249.6mm 1999	HIGHEST MAX DAY/YEAR	15.6°C 6th/1953	LOWEST GRASS 29th/1964, 27th/1995	-8.9°C	COLDEST MNTH YEAR	4.6°C 1950	DULLEST MNTH YEAR	26.6hrs 1966	WET DAYS	127		

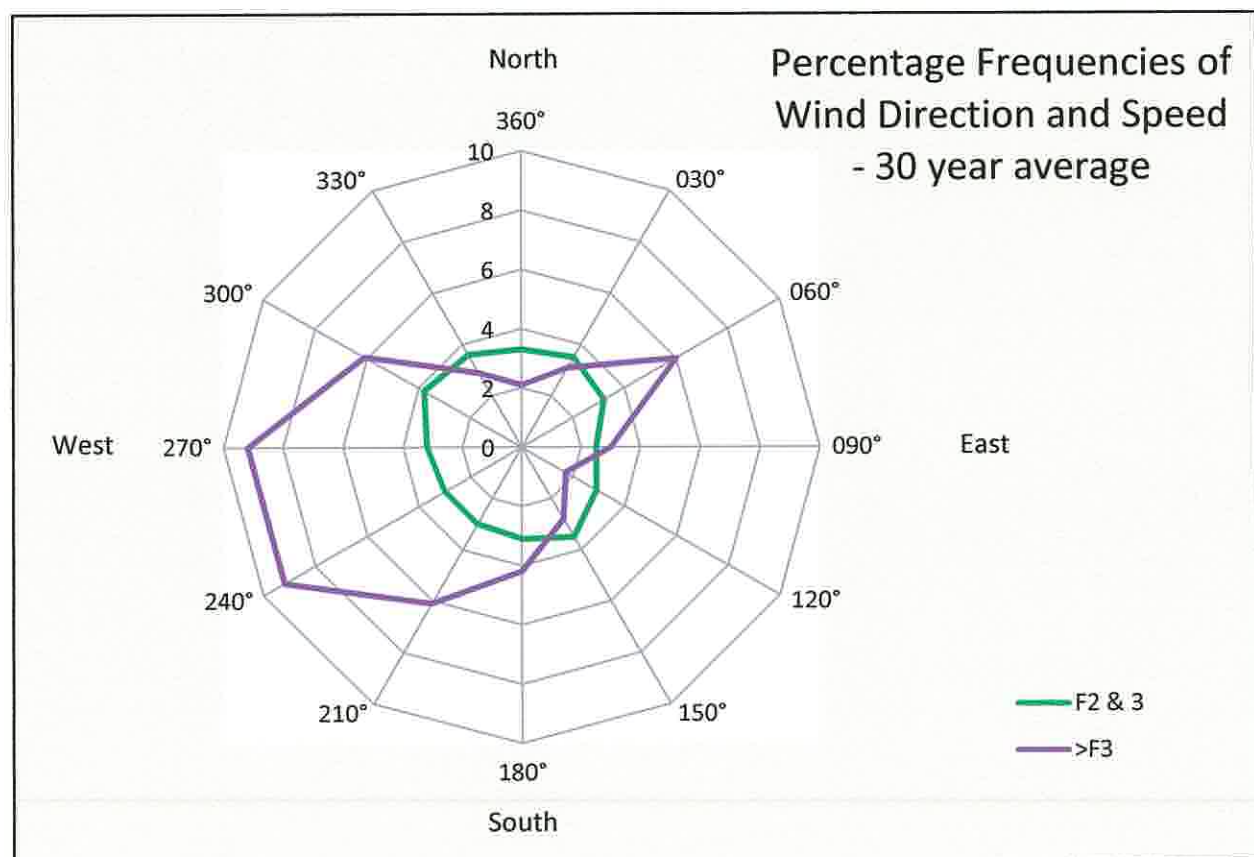
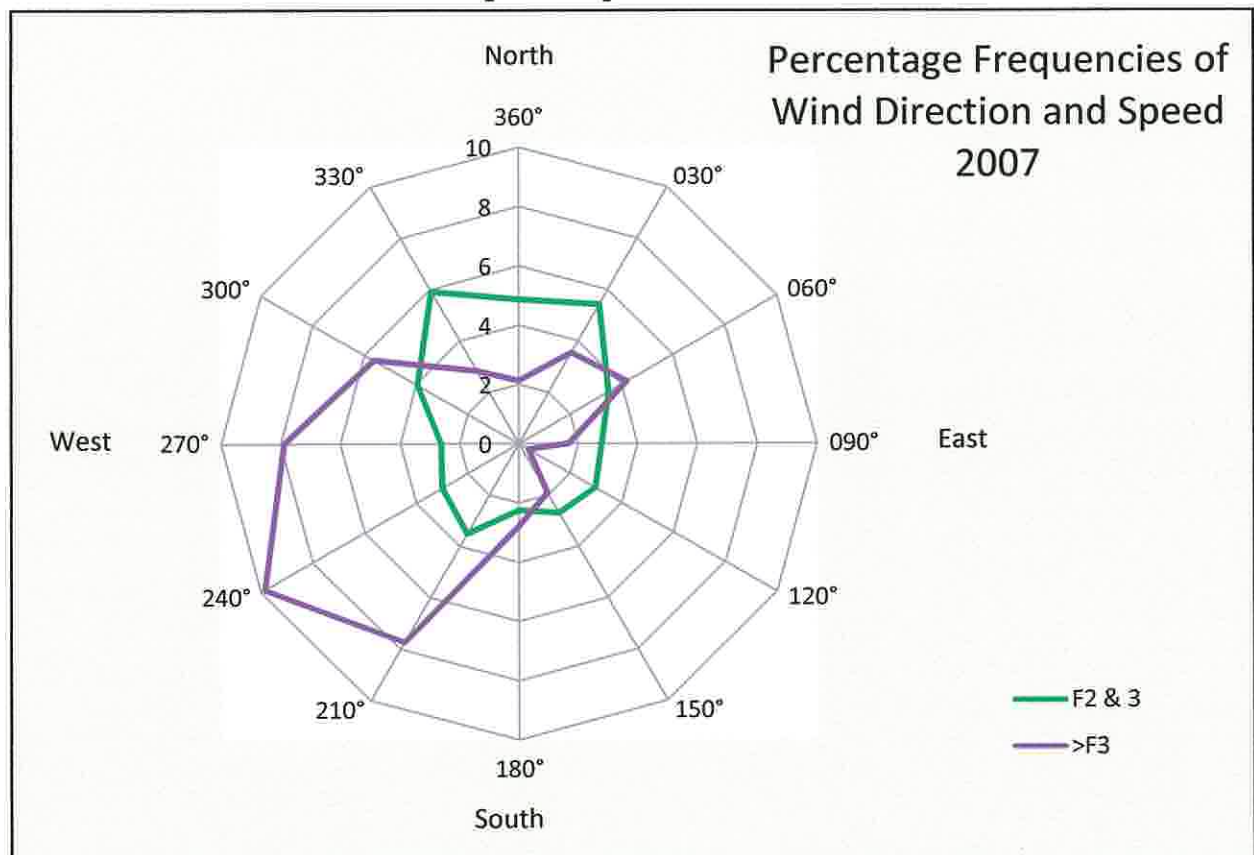
Guernsey Airport Met Office



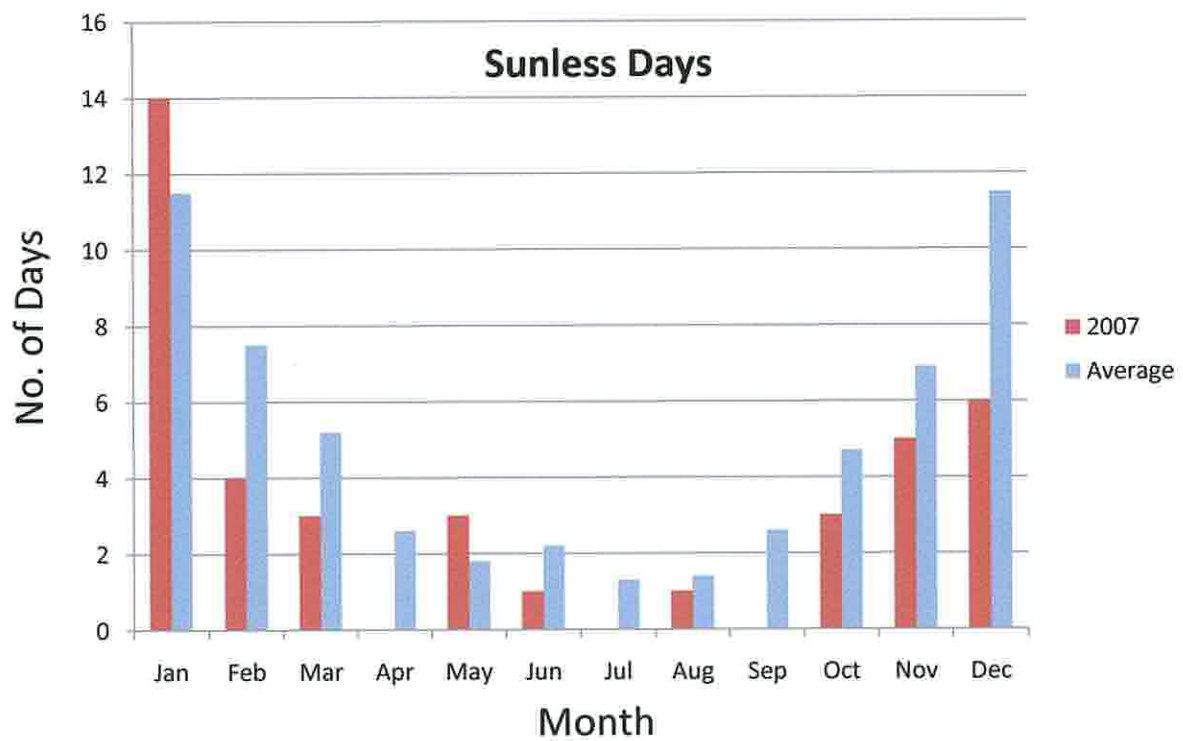
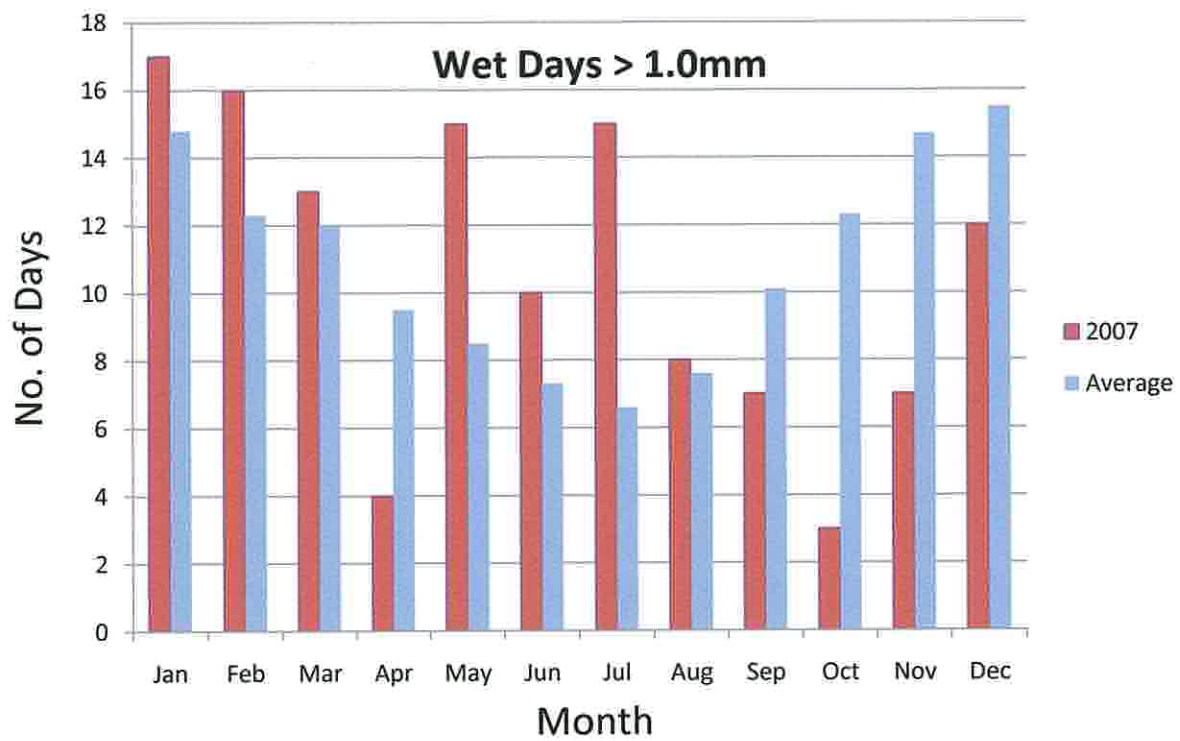
Guernsey Airport Met Office



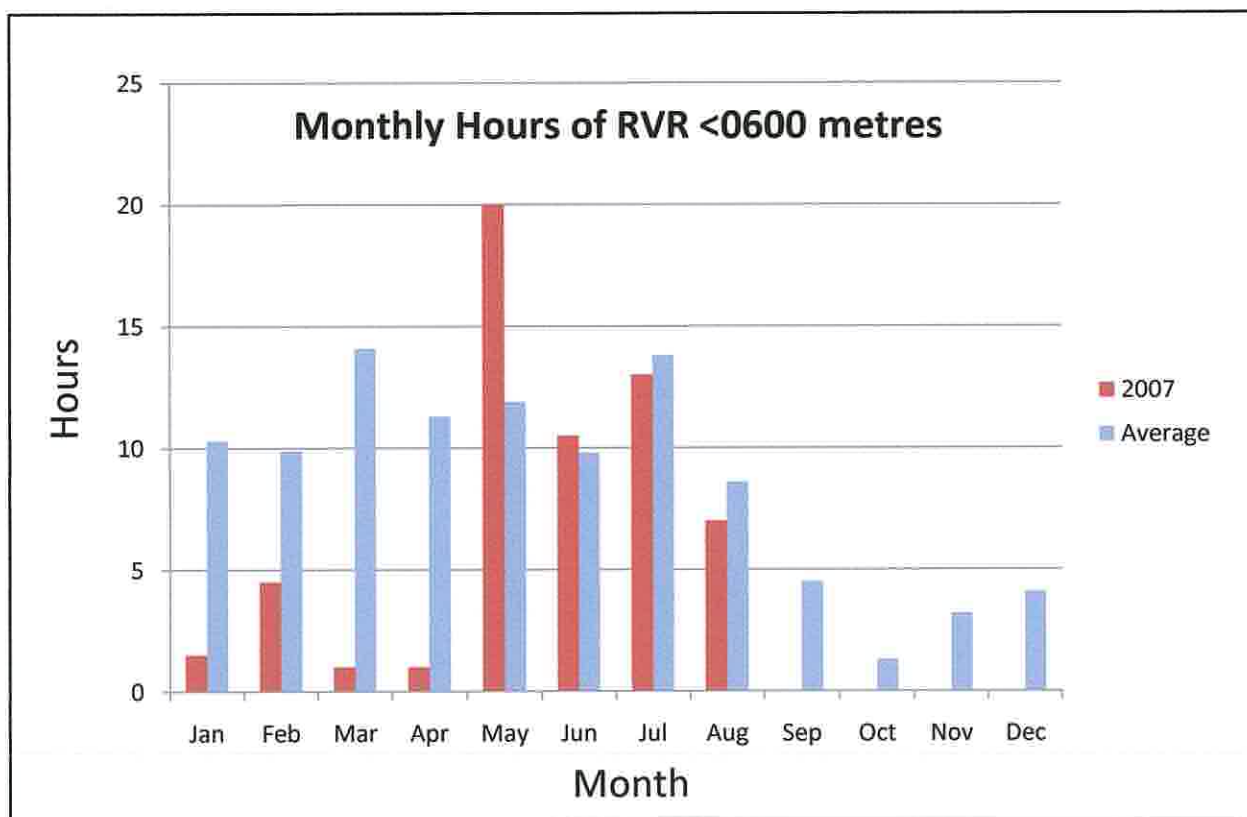
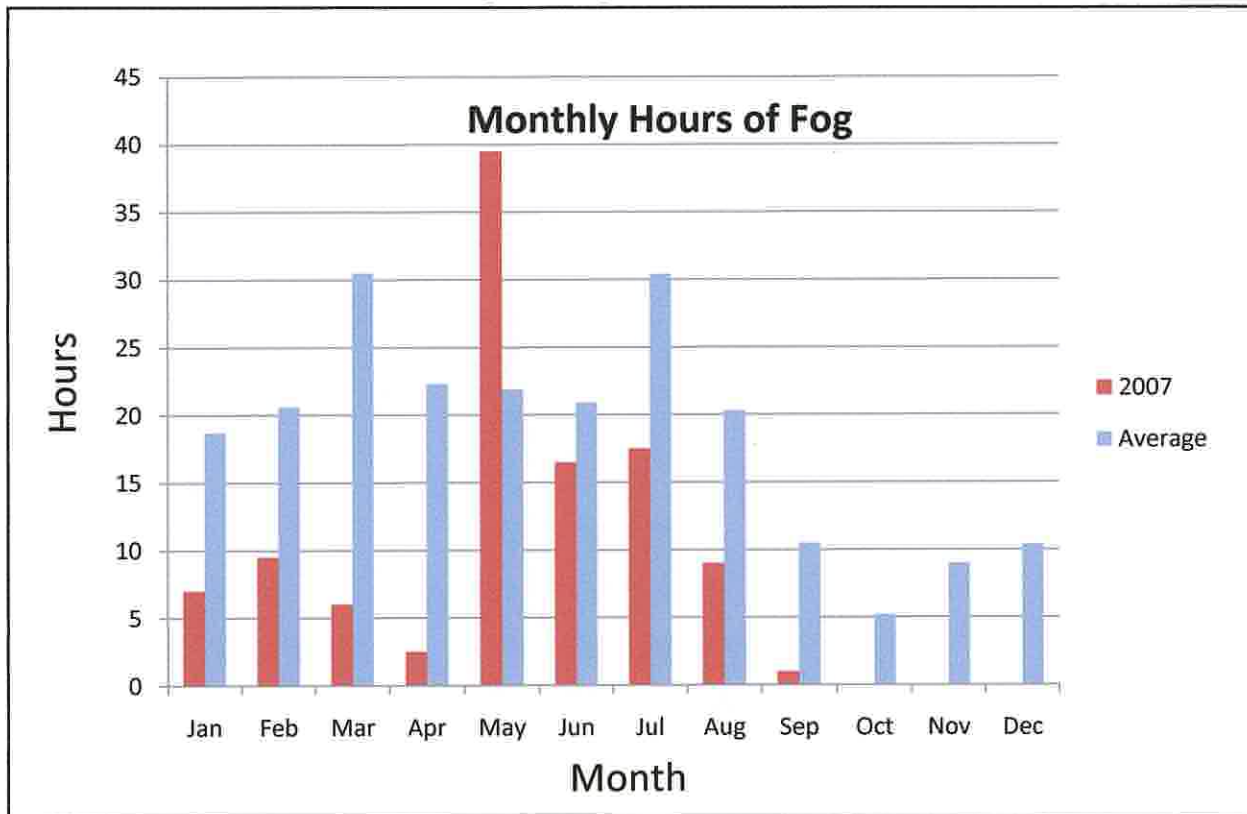
Guernsey Airport Met Office



Guernsey Airport Met Office

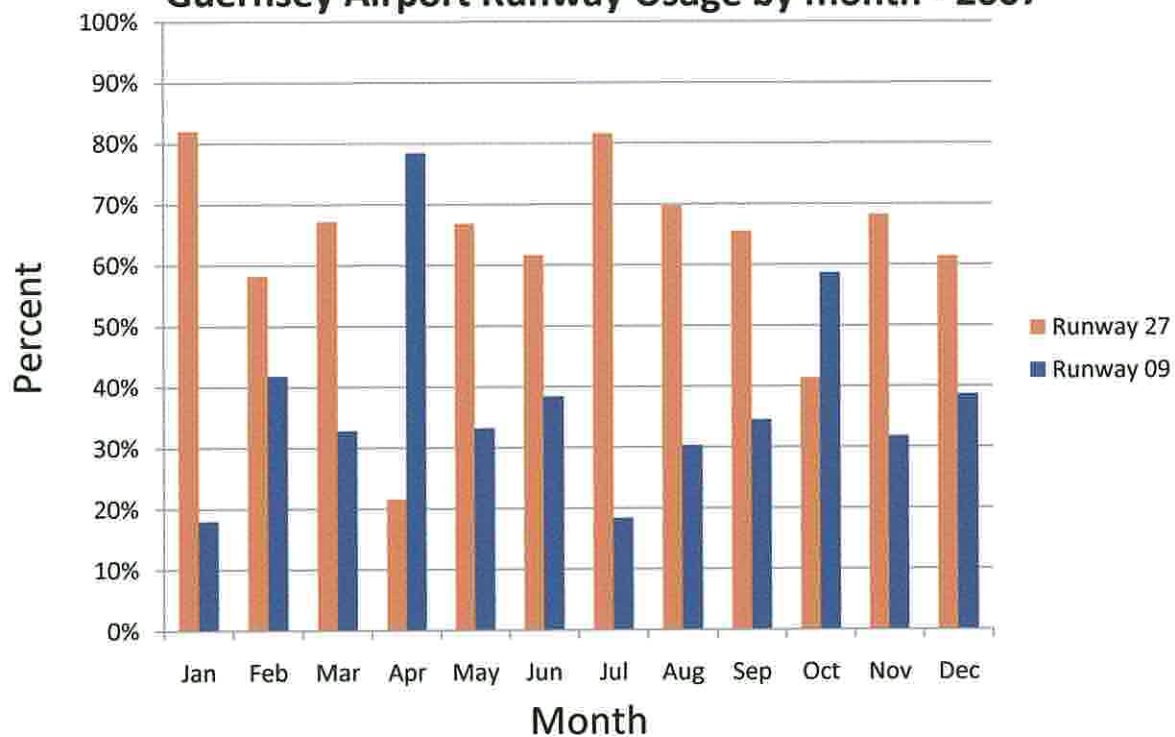


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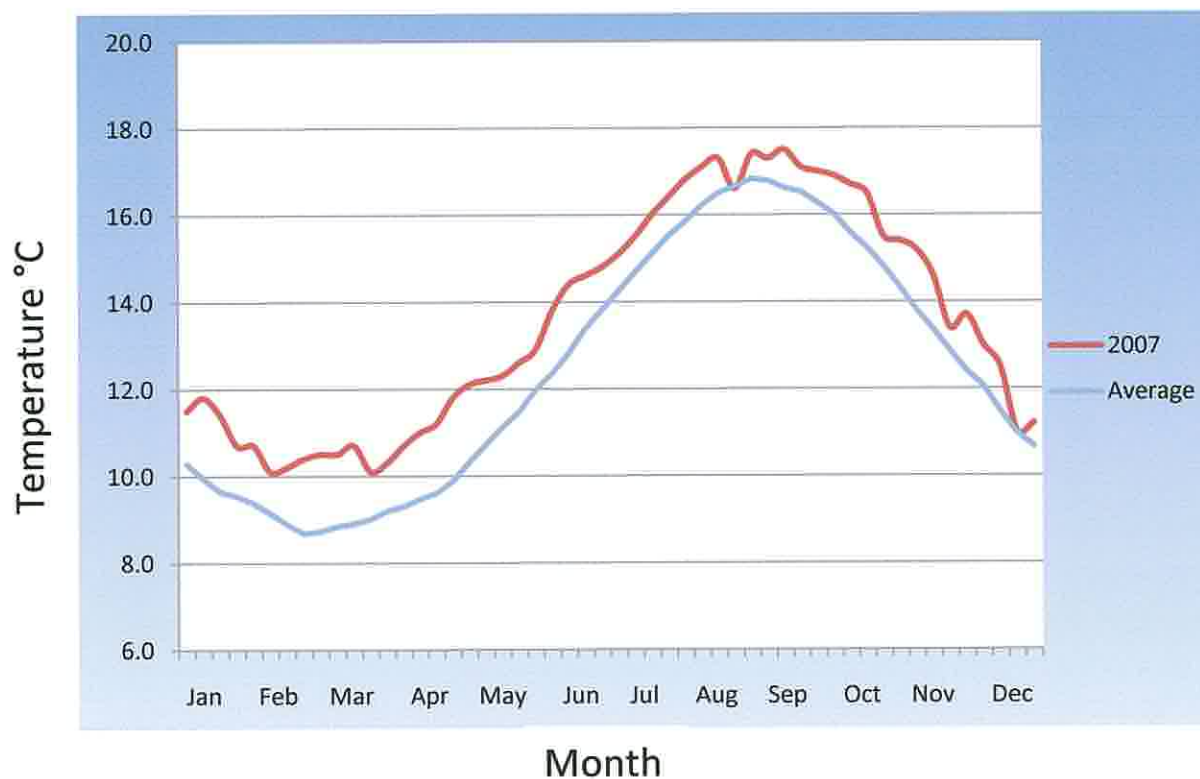


Guernsey Airport Met Office

Guernsey Airport Runway Usage by month - 2007



Weekly Sea Surface Temperatures



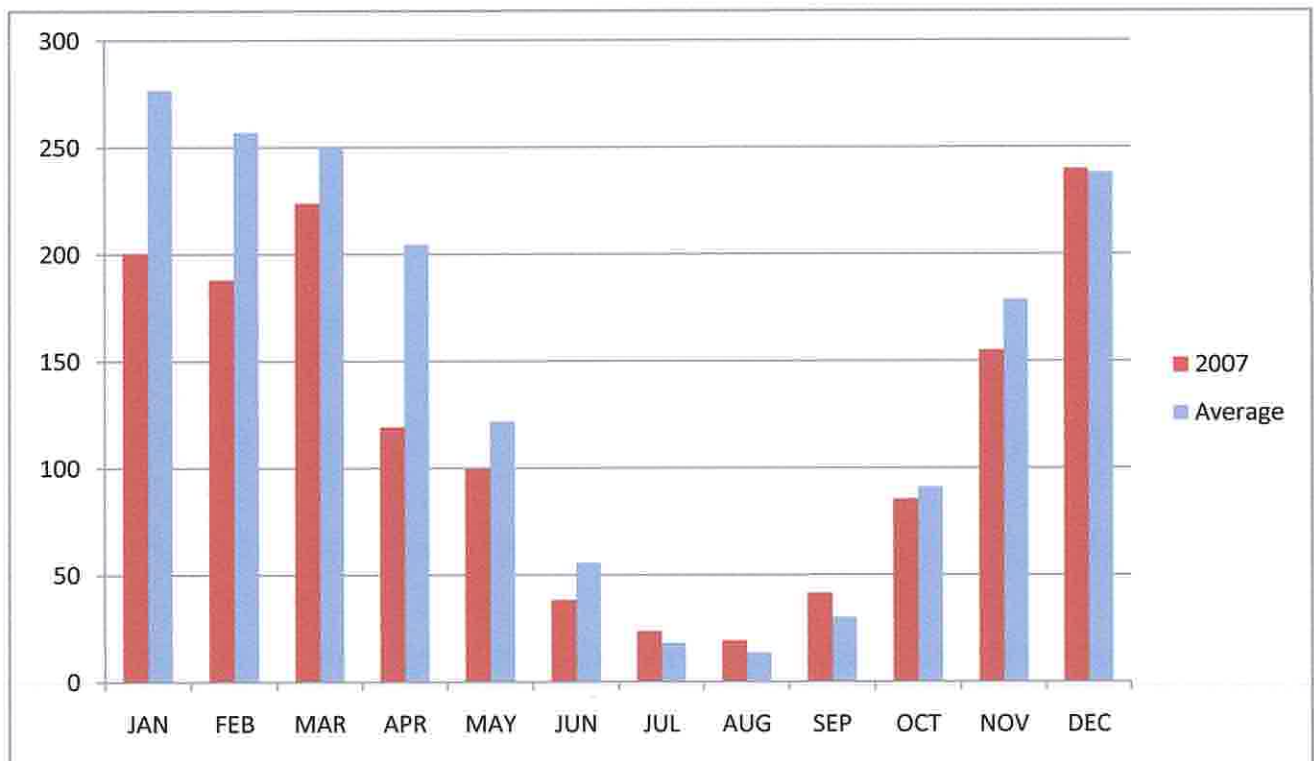
Guernsey Airport Met. Office

Degree Days

Monthly accumulated Degree Days below 15.5°C
(Average figures use data from 1971 - 2000)

	2007	Average
JAN	200.5	276.7
FEB	187.9	257.0
MAR	223.7	250.1
APR	119.1	204.6
MAY	99.6	121.8
JUN	38.2	55.6
JUL	23.6	18.2
AUG	19.2	13.6
SEP	41.4	30.2
OCT	85.4	91.0
NOV	154.9	178.8
DEC	239.7	238.0
YEAR	1433.2	1735.6

Accumulated Degree Days



Guernsey Airport Met. Office

2008 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)
Sat 03	May	05:28	8.4	17:56	8.6	11:53	1.8	-	-
Sun 04	May	06:17	8.9	18:42	9.1	00:17	1.7	12:42	1.3
Sat 10	May	10:56	8.2	23:12	8.2	04:54	1.8	17:13	2.4
Sun 11	May	11:53	7.6	00:10	7.7	05:49	2.4	18:10	3.0
Sat 17	May	05:34	8.0	17:58	8.2	12:01	2.3	-	-
Sun 18	May	06:15	8.2	18:36	8.4	00:18	2.3	12:39	2.1
Sat 24	May	09:44	7.9	21:54	8.0	03:43	2.4	15:54	2.8
Sun 25	May	10:19	7.6	22:31	7.7	04:17	2.7	16:29	3.1
Sat 31	May	03:43	7.7	16:20	7.9	10:15	2.5	22:45	2.5
Sun 01	June	04:47	8.1	17:18	8.3	11:15	2.1	23:44	2.0
Sat 07	June	10:03	8.9	22:17	9.0	04:03	1.2	16:21	1.7
Sun 08	June	10:51	8.5	23:04	8.6	04:52	1.6	17:08	2.1
Sat 14	June	03:57	7.2	16:31	7.4	10:28	3.2	22:52	3.2
Sun 15	June	04:52	7.3	17:20	7.6	11:18	3.0	23:40	2.9
Sat 21	June	09:01	8.2	21:12	8.4	02:59	2.1	15:13	2.4
Sun 22	June	09:36	8.1	21:47	8.3	03:36	2.2	15:48	2.5
Sat 28	June	01:47	7.6	14:27	7.5	08:19	2.9	20:52	3.1
Sun 29	June	03:01	7.6	15:41	7.7	09:32	2.9	22:10	2.8
Sat 05	July	09:08	9.2	21:21	9.5	03:08	1.0	15:27	1.2
Sun 06	July	09:53	9.1	22:05	9.3	03:55	1.0	16:11	1.3
Sat 12	July	01:44	6.9	14:27	6.8	08:17	3.6	20:45	3.8
Sun 13	July	02:54	6.7	15:38	6.9	09:24	3.8	21:58	3.7
Sat 19	July	08:12	8.3	20:25	8.7	02:10	2.1	14:26	2.1
Sun 20	July	08:49	8.5	21:01	8.8	02:48	1.9	15:03	2.0
Sat 26	July	00:11	7.9	12:41	7.6	06:35	2.8	19:00	3.1
Sun 27	July	01:11	7.5	13:49	7.3	07:38	3.2	20:16	3.3
Sat 02	August	08:08	9.2	20:23	9.6	02:09	1.1	14:28	1.2
Sun 03	August	08:52	9.4	21:04	9.7	02:55	0.8	15:11	1.0
Sat 09	August	12:18	7.1	-	-	06:17	3.4	18:37	3.6
Sun 10	August	00:35	6.8	13:13	6.7	07:03	3.9	19:40	4.1
Sat 16	August	07:14	8.3	19:29	8.7	01:12	2.2	13:30	2.2
Sun 17	August	07:52	8.7	20:06	9.1	01:52	1.8	14:09	1.8
Sat 23	August	11:21	8.1	23:44	7.9	05:19	2.4	17:38	2.7
Sun 24	August	12:11	7.6	00:45	7.3	06:05	3.0	18:33	3.3
Sat 30	August	07:06	9.0	19:21	9.4	01:07	1.5	13:26	1.4
Sun 31	August	07:48	9.4	20:02	9.7	01:51	1.0	14:08	1.0
Sat 06	September	10:54	7.8	23:06	7.5	04:55	2.8	17:09	3.0
Sun 07	September	11:24	7.2	23:40	6.8	05:18	3.4	17:40	3.7
Sat 13	September	06:08	7.9	18:23	8.4	12:23	2.6	-	-
Sun 14	September	06:47	8.5	19:02	8.9	00:45	2.1	13:03	2.0
Sat 20	September	10:19	8.8	22:41	8.5	04:20	1.8	16:39	2.1
Sun 21	September	11:00	8.2	23:27	7.8	04:58	2.5	17:22	2.8
Sat 27	September	06:01	8.6	18:16	8.9	12:19	2.0	-	-
Sun 28	September	06:43	9.1	18:57	9.4	00:45	1.5	13:02	1.5

La Société Guernesiaise Astronomy Section

Astronomical events in 2008

By David Le Conte

This year we can look forward to a morning total eclipse of the Moon, a minor partial solar eclipse, and an occultation of Venus.

PLANETS

The dates of maximum elongations of **Mercury** are as follows. It can usually be seen about ten days before and after these dates. The best dates to observe it in the evening will be the last two weeks of January, and the first three weeks of May, and in the morning the last two weeks of October.

22 January	Evening
03 March	Morning
14 May	Evening
01 July	Morning
11 September	Evening
22 October	Morning

Venus, which has been a brilliant object in the pre-dawn sky for the last few months, will soon be lost from view. It will not re-appear until September, when it will be the 'Evening Star' low in the west until the end of the year. It will be occulted on 01 December (for details, see under the heading "Occultations and conjunctions", below.)

After its opposition in December 2007, **Mars** disappears in early 2008, not to be seen again for the rest of the year.

Jupiter appears in the dawn sky in February, and remains low in Sagittarius for the next rest of the year. It reaches opposition on 09 July, and then becomes visible in the evening, never reaching much of an altitude. As usual, there will be transit and occultation events involving Jupiter's moons, details of which can be found on the Sky and Telescope web site, or simulated on software such as StarryNight.

Saturn, reaches opposition in Leo on 24 February, and remains visible in the evening until the middle of the year. It reappears in the morning sky in October.

Uranus is at opposition in Aquarius on 13 September at magnitude 6, and **Neptune** is at opposition in Capricornus on 15 August at magnitude 8.

DWARF PLANETS

Pluto reaches opposition in Sagittarius on 20 June at magnitude 14. **Ceres** does not reach opposition this year. **Eris**, at magnitude 19, is beyond the capabilities of most amateur telescopes.

ASTEROIDS

The brightest asteroid, **Vesta**, reaches opposition on 30 October in Cetus at magnitude 6.

ECLIPSES

There will be a total, although non-central **eclipse of the Moon on 21 February**. It will start entering the penumbra at 00.35am and the umbra at 01.43 am. Totality will last from 03.00 am to 03.51 am, with mid-eclipse being at 03.26 am. The Moon will have left the umbra by 05.09am and the penumbra by 06.17 am. All times are in UT. It will be in Leo during this eclipse, and should be a fine sight, being close to Saturn and Regulus.

On **01 August** there will be a **partial solar eclipse**, from 09.35 am to 10.53 am. Maximum eclipse of 22% will be at 10.13 am. Times are in BST.

On **16 August** there is a **partial lunar eclipse**, from just after moonrise, at 8.35 pm, to 11.44 pm BST. Maximum eclipse is at 10.09 pm, when 81% of the Moon will be in the Earth's shadow.

OCCULTATIONS AND CONJUNCTIONS

Venus will be occulted by the unlit side of the Moon from 3.43 pm on 01 December (in daylight), re-appearing from the crescent-lit side of the Moon an hour after sunset, at 5.17 pm. During this occultation **Jupiter** will be just two degrees away, so it should be worth watching.

On 13 December, from 9.03 pm to 10.05 pm the third magnitude epsilon Geminorum will be occulted by the Moon.

Mercury will be within half a degree of the Moon after sunset on 09 January. On 01 February **Venus** and **Jupiter** will be about half a degree apart. On the evening of 12 March, and again on the morning of 20 September, the Moon will pass close to the Pleiades. **Mars** and the Moon will be close together on 10 May. **Mars** and **Saturn** will be within a degree of each other on the evening of 10 July. On the evening of 13 August **Venus** and **Saturn** are within half a degree. Two days later, on 15 August, it is **Mercury's** turn to be close to **Saturn**, and on 20 August **Mercury** is within a degree of **Venus**. On 12 September **Mars** is half a degree from **Venus**.

METEORS

The **Quadrantids** peak on the night of 05/06 January, almost coinciding with New Moon, and so will be very favourable. The rest of the year does not bode so well, however. The **Perseids** peak on the night of 11/12 August, but the Moon, at age 12 days, will badly affect observations of them. The **Leonids** too will be washed out with a 19-

day-old Moon on 12 November, and the fact that the short peak occurs at midday. And the Geminids, peaking on 13 December, will be affected by a Full Moon.

COMETS

Comet Holmes, which unexpectedly flared up to 3rd magnitude in Perseus in October 2007, may still be visible at the beginning of 2008. **Comet Tuttle** may well be a binocular or naked-eye object low in the south in early January, disappearing southward by the end of the month. **Comet Boethin** may reach 7th magnitude in the evening in December. For more details of visible comets see the [British Astronomical Association Comet Section web page](#). It is, of course, ever possible that a new comet may make an unexpected bright appearance.

EQUINOXES AND SOLSTICES

The following are the dates and times (UT) of the equinoxes and solstices in 2008:

Vernal Equinox	20 March	05.48 UT
Summer Solstice	21 June	00.59 BST
Autumnal Equinox	22 September	16.44 BST
Winter Solstice	21 December	12.03 UT

SATELLITES

The International Space Station is regularly visible from Guernsey. Also of interest are flashes from the Iridium satellites, and periodic launches of the Space Shuttle. Many other, fainter, satellites appear every night. Details of the times and directions of visibility can be obtained from the [Heavens-Above web site](#).

WEA COURSE

The Astronomy Section is running its annual six-week "Star Gazing" course at the Observatory in February and March. Enrolment is through the [Workers Education Association](#). As always, it is already fully subscribed.

OPEN DAYS

The Observatory will be open again for a number of Tuesday evenings during the year. For details click [here](#).

REFERENCES

[SkyMap Pro](#) and [Starry Night Pro](#) software
[RAS diary](#)
[BAA Comet Section](#)
[FAS Astro Calendar 2007/2008](#)

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CALENDAR OF ASTRONOMICAL EVENTS

Month	Date	Time	Event
January		All night	Comet Holmes
January			Comet Tuttle
January	05/06		Quadrantid meteor shower
January	09	Evening	Mercury and Moon conjunction
January	22	Evening	Mercury maximum elongation
February	01	Evening	Venus and Jupiter conjunction
February	07	20.00 UT	WEA course starts
February	20/21	01.43	Total eclipse of the Moon
February	24		Saturn at opposition
March	03	Morning	Mercury maximum elongation
March	12	Evening	Moon and Pleiades conjunction
March	13	20.00 UT	WEA course ends
March	20	05.48 UT	Vernal Equinox
March	30	01.00 UT	BST starts
May	10	Evening	Mars and Moon conjunction
May	14	Evening	Mercury maximum elongation
June	20		Pluto at opposition
June	21	00.59 BST	Summer Solstice
July	01	Morning	Mercury maximum elongation
July	09		Jupiter at opposition
July	10	Evening	Mars and Saturn conjunction
August	01	09.35 BST	Partial eclipse of the Sun
August	11/12		Perseid meteor shower
August	13	Evening	Venus and Saturn conjunction
August	15	Evening	Mercury and Saturn conjunction
August	15		Neptune at opposition
August	16	20.35 BST	Partial eclipse of the Moon
August	20	Evening	Mercury and Venus conjunction
September	11	Evening	Mercury maximum elongation
September	12	Evening	Mars and Venus conjunction
September	13		Uranus at opposition
September	20	Morning	Moon and Pleiades conjunction
September	22	16.44 BST	Autumnal Equinox
October	22	Morning	Mercury maximum elongation
October	26	02.00 BST	BST ends
October	30		Vesta at opposition
November	17		Leonid meteor shower
December		Evening	Comet Boethin
December	01	15.43 UT	Occultation of Venus
December	13	21.03 UT	Occultation of epsilon Geminorum
December	13		Geminid meteor shower
December	21	12.03 UT	Winter Solstice

Appendix X

Lihou Island - Causeway Opening Times - 2008

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	10:03	12:19	01-Jul	10:54	12:43	01-Aug	12:08	15:02	01-Sep	12:55	16:24
02-May	10:09	11:50	02-Jun	10:40	13:30	02-Jul	11:31	14:02	02-Aug	12:43	15:59	02-Sep	13:32	16:58
03-May	10:23	13:12	03-Jun	11:24	14:31	03-Jul	12:14	15:10	03-Aug	13:21	16:46	03-Sep	14:11	17:23
04-May	10:55	14:14	04-Jun	12:12	15:26	04-Jul	12:58	16:07	04-Aug	14:02	17:25	04-Sep	14:56	17:36
05-May	11:34	15:07	05-Jun	13:02	16:16	05-Jul	13:43	16:57	05-Aug	14:44	18:12	05-Sep	16:02	17:25
06-May	12:17	15:53	06-Jun	13:55	17:01	06-Jul	14:31	17:38	06-Aug	15:34	18:05	06-Sep		Closed
07-May	13:05	16:35	07-Jun	14:53	17:39	07-Jul	15:22	18:11	07-Aug	16:45		07-Sep		Closed
08-May	13:58	17:11	08-Jun	16:00	18:10	08-Jul	16:22	18:33	08-Aug		Closed	08-Sep		Closed
09-May	15:02	17:40	09-Jun	17:38	18:14	09-Jul		Closed	09-Aug		Closed	09-Sep		Closed
10-May	16:33	17:50	10-Jun		Closed	10-Jul		Closed	10-Aug		Closed	10-Sep		Closed
11-May		Closed	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	11:50	14:11
14-May		Closed	14-Jun		Closed	14-Jul		Closed	14-Aug		Closed	14-Sep	12:08	15:07
15-May		Closed	15-Jun		Closed	15-Jul		Closed	15-Aug		Closed	15-Sep	12:35	15:52
16-May		Closed	16-Jun		Closed	16-Jul		Closed	16-Aug	12:25	14:30	16-Sep	13:08	16:30
17-May	11:05	12:49	17-Jun	12:43	14:00	17-Jul	12:56	14:35	17-Aug	12:44	15:26	17-Sep	13:44	17:03
18-May	11:30	13:39	18-Jun	13:10	14:48	18-Jul	13:18	15:29	18-Aug	13:11	16:10	18-Sep	14:29	17:29
19-May	11:59	14:21	19-Jun	13:44	15:27	19-Jul	13:48	16:13	19-Aug	13:41	16:47	19-Sep	15:29	17:45
20-May	12:33	14:56	20-Jun	14:25	15:58	20-Jul	14:21	16:49	20-Aug	14:16	17:18	20-Sep		Closed
21-May	13:10	15:25	21-Jun	15:12	16:22	21-Jul	14:58	17:19	21-Aug	14:57	17:43	21-Sep		Closed
22-May	13:53	15:46	22-Jun		Closed	22-Jul	15:42	17:44	22-Aug	15:52	17:59	22-Sep		Closed
23-May	14:48	15:53	23-Jun		Closed	23-Jul	16:40	18:00	23-Aug		Closed	23-Sep		Closed
24-May		Closed	24-Jun		Closed	24-Jul		Closed	24-Aug		Closed	24-Sep		Closed
25-May		Closed	25-Jun		Closed	25-Jul		Closed	25-Aug		Closed	25-Sep		Closed
26-May		Closed	26-Jun		Closed	26-Jul		Closed	26-Aug		Closed	26-Sep	11:09	13:23
27-May		Closed	27-Jun		Closed	27-Jul		Closed	27-Aug		Closed	27-Sep	11:29	14:24
28-May		Closed	28-Jun		Closed	28-Jul		Closed	28-Aug		Closed	28-Sep	11:58	15:11
29-May		Closed	29-Jun		Closed	29-Jul		Closed	29-Aug	11:28	13:42	29-Sep	12:31	15:50
30-May		Closed	30-Jun		Closed	30-Jul		Closed	30-Aug	11:50	14:49	30-Sep		
31-May	09:45	10:44				31-Jul	11:39	13:48	31-Aug	12:21	15:42			

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 Airport Met. Office

2008 Official Guernsey Ormering Tides

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Tue 08 Jan	2.2	12:43	Thu 07 Feb	1.6	13:11
Wed 09 Jan	2.0	13:24	Fri 08 Feb	1.3	13:50
Thu 10 Jan	1.8	14:03	Sat 09 Feb	1.1	14:26
Tue 22 Jan	1.5	12:47	Thu 21 Feb	1.0	13:16
Wed 23 Jan	1.2	13:34	Fri 22 Feb	0.8	13:54
Thu 24 Jan	1.0	14:16	Sat 23 Feb	0.9	14:28

Day & Month	Predicted Height (m)	Time	Day & Month	Predicted Height (m)	Time
Fri 07 Mar	1.2	12:48	Sun 06 Apr	0.7	13:58
Sat 08 Mar	0.8	13:47	Mon 07 Apr	0.6	14:37
Sun 09 Mar	0.6	14:03	Tue 08 Apr	0.7	15:15
Fri 21 Mar	1.1	12:49	Sun 20 Apr	1.4	13:50
Sat 22 Mar	1.0	13:24	Mon 21 Apr	1.5	14:22
Sun 23 Mar	1.1	13:56	Tue 22 Apr	1.7	14:50

All times local

Phases of the Moon - 2008

New Moon	First Quarter	Full Moon	Last Quarter
8th Jan	15th Jan	22nd Jan	30th Jan
7th Feb	14th Feb	21st Feb	29th Feb
7th Mar	14th Mar	21st Mar	29th Mar
6th Apr	12th Apr	20th Apr	28th Apr
5th May	12th May	20th May	28th May
3rd Jun	10th Jun	18th Jun	26th Jun
3rd Jul	10th Jul	18th Jul	25th Jul
1st Aug	8th Aug	16th Aug	23th Aug
30th Aug	7th Sep	15th Sep	22nd Sep
29th Sep	7th Oct	14th Oct	21st Oct
28th Oct	6th Nov	13th Nov	19th Nov
27th Nov	5th Dec	12th Dec	19th Dec
27th Dec			

APPENDIX XII - GUERNSEY AIRPORT SUNRISE/SUNSET TIMES 2008

2008 Sunrise and Sunset Times for Guernsey Airport, 49°26'N 02°36'W (calculated for sea-level)

Times are UTC (=GMT)

08 DY	JANUARY SR SS	FEBRUARY SR SS	MARCH SR SS	APRIL SR SS	MAY SR SS	JUNE SR SS	JULY SR SS	AUGUST SR SS	SEPTEMBER SR SS	OCTOBER SR SS	NOVEMBER SR SS	DECEMBER SR SS	08 DY
1	T 0806 1621	F 0743 1705	S 0652 1754	T 0547 1842	T 0448 1928	S 0409 2008	T 0408 2020	F 0442 1950	M 0527 1853	W 0611 1748	S 0659 1648	M 0745 1614	1
2	W 0806 1622	S 0742 1707	S 0650 1755	W 0545 1844	F 0446 1929	M 0408 2009	W 0409 2020	S 0443 1949	T 0528 1851	T 0612 1746	S 0701 1647	T 0746 1613	2
3	T 0806 1623	S 0740 1709	M 0648 1757	T 0543 1845	S 0444 1931	T 0407 2010	T 0410 2019	S 0445 1947	W 0530 1849	F 0614 1744	M 0702 1645	W 0748 1613	3
4	F 0806 1624	M 0739 1710	T 0646 1759	F 0541 1847	S 0443 1932	W 0407 2011	F 0410 2019	M 0446 1946	T 0531 1847	S 0615 1742	T 0704 1643	T 0749 1612	4
5	S 0806 1625	T 0737 1712	W 0644 1800	S 0539 1848	M 0441 1934	T 0406 2012	S 0411 2018	T 0448 1944	F 0532 1844	S 0617 1740	W 0706 1642	F 0750 1612	5
6	S 0806 1627	W 0736 1714	T 0642 1802	S 0536 1850	T 0440 1935	F 0406 2013	S 0412 2018	W 0449 1942	S 0534 1842	M 0618 1738	T 0707 1640	S 0751 1612	6
7	M 0805 1628	T 0734 1715	F 0640 1803	M 0534 1851	W 0438 1937	S 0405 2014	M 0413 2017	T 0450 1941	S 0535 1840	T 0620 1736	F 0709 1639	S 0752 1611	7
8	T 0805 1629	F 0733 1717	S 0638 1805	T 0532 1853	T 0436 1938	S 0405 2015	T 0414 2017	F 0452 1939	M 0537 1838	W 0621 1734	S 0711 1637	M 0753 1611	8
9	W 0805 1630	S 0731 1719	S 0636 1807	W 0530 1855	F 0435 1940	M 0405 2015	W 0415 2016	S 0453 1937	T 0538 1836	T 0623 1732	S 0712 1636	T 0754 1611	9
10	T 0804 1632	S 0729 1720	M 0634 1808	T 0528 1856	S 0433 1941	T 0404 2016	T 0416 2015	S 0455 1936	W 0540 1834	F 0624 1730	M 0714 1634	W 0755 1611	10
11	F 0804 1633	M 0728 1722	T 0632 1810	F 0526 1858	S 0432 1943	W 0404 2017	F 0417 2015	M 0456 1934	T 0541 1832	S 0626 1728	T 0715 1633	T 0756 1611	11
12	S 0803 1634	T 0726 1724	W 0630 1811	S 0524 1859	M 0430 1944	T 0404 2017	S 0418 2014	T 0458 1932	F 0543 1829	S 0627 1726	W 0717 1632	F 0757 1611	12
13	S 0803 1636	W 0724 1726	T 0628 1813	S 0522 1901	T 0429 1945	F 0404 2018	S 0419 2013	W 0459 1930	S 0544 1827	M 0629 1723	T 0719 1630	S 0758 1611	13
14	M 0802 1637	T 0723 1727	F 0625 1814	M 0520 1902	W 0428 1947	S 0404 2018	M 0420 2012	T 0500 1929	S 0546 1825	T 0630 1721	F 0720 1629	S 0759 1611	14
15	T 0801 1638	F 0721 1729	S 0623 1816	T 0518 1904	T 0426 1948	S 0403 2019	T 0421 2011	F 0502 1927	M 0547 1823	W 0632 1719	S 0722 1628	M 0800 1611	15
16	W 0801 1640	S 0719 1731	S 0621 1818	W 0516 1905	F 0425 1950	M 0403 2019	W 0422 2010	S 0503 1925	T 0548 1821	T 0633 1717	S 0723 1627	T 0801 1612	16
17	T 0800 1641	S 0717 1732	M 0619 1819	T 0514 1907	S 0424 1951	T 0403 2019	T 0423 2009	S 0505 1923	W 0550 1819	F 0635 1716	M 0725 1626	W 0801 1612	17
18	F 0759 1643	M 0716 1734	T 0617 1821	F 0512 1908	S 0422 1952	W 0403 2020	F 0424 2008	M 0506 1921	T 0551 1817	S 0637 1714	T 0726 1624	T 0802 1612	18
19	S 0758 1644	T 0714 1736	W 0615 1822	S 0510 1910	M 0421 1953	T 0404 2020	S 0425 2007	T 0508 1919	F 0553 1814	S 0638 1712	W 0728 1623	F 0803 1613	19
20	S 0757 1646	W 0712 1737	T 0613 1824	S 0508 1911	T 0420 1955	F 0404 2020	S 0427 2006	W 0509 1917	S 0554 1812	M 0640 1710	T 0729 1622	S 0803 1613	20
21	M 0756 1647	T 0710 1739	F 0611 1825	M 0506 1913	W 0419 1956	S 0404 2021	M 0428 2005	T 0511 1915	S 0556 1810	T 0641 1708	F 0731 1621	S 0804 1614	21
22	T 0755 1649	F 0708 1741	S 0608 1827	T 0504 1914	T 0418 1957	S 0404 2021	T 0429 2004	F 0512 1913	M 0557 1808	W 0643 1706	S 0733 1620	M 0804 1614	22
23	W 0754 1651	S 0706 1742	S 0606 1828	W 0502 1916	F 0417 1959	M 0405 2021	W 0430 2003	S 0514 1911	T 0559 1806	T 0645 1704	S 0734 1619	T 0805 1615	23
24	T 0753 1652	S 0704 1744	M 0604 1830	T 0501 1917	S 0416 2000	T 0405 2021	T 0431 2002	S 0515 1909	W 0600 1804	F 0646 1702	M 0735 1619	W 0805 1615	24
25	F 0752 1654	M 0702 1746	T 0602 1832	F 0459 1919	S 0415 2001	W 0405 2021	F 0433 2000	M 0516 1907	T 0602 1801	S 0648 1700	T 0737 1618	T 0805 1616	25
26	S 0751 1655	T 0700 1747	W 0600 1833	S 0457 1920	M 0414 2002	T 0406 2021	S 0434 1959	T 0518 1905	F 0603 1759	S 0649 1659	W 0738 1617	F 0806 1617	26
27	S 0750 1657	W 0658 1749	T 0558 1835	S 0455 1922	T 0413 2003	F 0406 2021	S 0435 1958	W 0519 1903	S 0605 1757	M 0651 1657	T 0740 1616	S 0806 1617	27
28	M 0748 1659	T 0656 1750	F 0556 1836	M 0453 1923	W 0412 2004	S 0407 2021	M 0437 1956	T 0521 1901	S 0606 1755	T 0653 1655	F 0741 1615	S 0806 1618	28
29	T 0747 1700	F 0654 1752	S 0553 1838	T 0451 1925	T 0411 2005	S 0407 2020	T 0438 1955	F 0522 1859	M 0608 1753	W 0654 1653	S 0742 1615	M 0806 1619	29
30	W 0746 1702		S 0551 1839	W 0450 1926	F 0410 2006	M 0408 2020	W 0439 1953	S 0524 1857	T 0609 1751	T 0656 1652	S 0744 1614	T 0806 1620	30
31	T 0745 1704		M 0549 1841		S 0409 2007		T 0441 1952	S 0525 1855		F 0657 1650		W 0806 1621	31