

Guernsey Airport Meteorological Office Annual Report 1997

The Guernsey Meteorological Office has maintained a comprehensive record of the local weather since 1918 when the States took over the responsibility from a handful of dedicated enthusiasts. Proper daily statistics were kept as early as 1843 by a certain Dr. Hoskins, and it is a credit to his foresight that we are now able to look back, with some accuracy, through 154 years of Meteorological history.

In 1947, the Met. Office moved to the Airport, and now also forms part of a Global web of reporting stations that indulge in the continuous exchange of information that is so vital to Aviation.

This Annual Report has been designed to provide a snapshot view of Guernsey's climate over the last twelve months and contains a number of graphs which illustrate how this period compares to the 30 year average.

Additional Meteorological information is available, for a fee, by writing to:-

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(All forecast information supplied by the Jersey Meteorological Department)

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METEOROLOGICAL OFFICE GUERNSEY

COMMENT ON THE WEATHER OF 1997

The start of the year saw our coldest weather since February 1991. Snow that fell through the early hours of the 1st of January, added a few centimetres to that which we had had at the end of 1996. After the 10th it became less cold, but the early chill ensured that this was the coldest January for 10 years. As with most cold winter months it was also dry, having the fourth lowest rainfall total on record. We ended up with the sunniest January since 1981, despite there being no sunshine from the 3rd to 12th.

A marked change in the weather took place in February, with the temperature almost 4°C higher than in January. The January cold was a contributory factor in the high incidence of fog during the first 12 days of February, which also meant that sunshine was well below normal. Although there were only three completely dry days during the month, rainfall was marginally below average. Winds, which had been light for much of January, became stronger, but the mean wind was very close to normal.

Cold weather in December and January, more than outweighed February's mildness, to make the winter the coldest since 1991. It was, though, the driest and sunniest since 1992. The sunshine total was, however, lower than for any winter from 1987 to 1992. The warmth that arrived in February was maintained through March, making it the warmest since 1957. Rainfall was barely a third of normal, with only 8.6mm falling after the 3rd. A sunny Easter brought the month's sunshine above average. It was a very quiet month, with the mean wind speed equalling the least windy March record set in 1961 and 1993.

The dryness and sunshine continued during April. There was no measurable rain until the 24th, which combined with five dry days at the end of March, resulted in our longest drought since July 1979. The sunshine was the second highest on record. In early May there was a sharp drop in temperature from very warm on the 2nd, to our lowest May reading for 18 years on the 7th. Overall this was a warm month and a very sunny one, whilst the dry conditions were maintained, with no rain measured after the 20th. The spring was the driest and sunniest since 1990, whilst the daily mean temperature was the highest since 1961, to make this the second warmest spring on record.

The early part of the summer saw generally cloudy conditions, with the dullest June since 1991 and the wettest since the record June of 1986. The mean temperature for the month was actually close to normal, but the last 10 days were the coolest such period since 1978. July started where June had left off, with very cool and gloomy conditions on the 2nd and 3rd. The rest of the month alternated between warm and rather cool spells, to bring the monthly mean close to the average. It was, though, a dry and sunny summer month with light winds. There was an exceptionally sunny five days from the 5th to the 9th, with 75 hours of sunshine recorded for this period.

August managed consistently warm weather until the last week, to make this the second warmest August on record. The mean maximum temperature of 21.9°C has been exceeded three times, with 22.5°C in 1995, 22.2°C in 1955 and 22.0°C in 1990. The mean minimum of 16.1°C is, though, a new record for any month. Uniquely for such a warm month, sunshine was well below average. Until the 24th this had been a dry month, but rainfall in the last eight days brought the total up close to normal. This month had the highest number of fog days on record, whilst it was the quietest August since 1981.

Overall the summer was average, being a warm one, but also rather dull in June and August. The excess rain in June meant that the summer as a whole was wetter than usual. Light winds during July and August would have aided a feeling of warmth.

September this year can be counted as an extension of the summer. The mean temperature was slightly higher than that for July and the fourth highest on record, back to 1947. There was more sunshine than in August, with the second highest total at the Airport, whilst rainfall, with 6.9mm, was the lowest for September. Prior to readings being taken at the Airport, only September 1865 was drier. The figure of 3.7mm at Rocquaine this year, though, would be a new Island record going all the way back to 1843.

Rather warm conditions during most of the first three weeks of October ensured that this was another warmer than average month. Whilst rainfall was higher than usual, nearly three-quarters of it fell on the 7th and 8th. Sunshine was the fourth highest on record, although the second sunniest was only three years ago. The mean wind speed was below average, but it was not nearly as quiet as the previous three months and we had our first gale since February. Wet conditions for much of November went some way to making up the short-fall in this year's rainfall. This was the wettest November at the Airport, but the showery nature of much of the rain, meant that other parts of the island were noticeably wetter. The mean temperature for the month was the second highest on record.

As with Spring this year, Autumn was the second warmest on record. It was also the sunniest since 1971, but rainfall was above average, with a wet October and November more than making up for the exceptionally dry September. To maintain the trend for most of this year, December had temperatures above normal, despite a couple of attempts by cold air-flows to take control. Sunshine was the highest since 1991, whilst rainfall was average.

The year turned out to be the fourth warmest on record, beaten only by 1989, 1990 and 1995. All these four years have had a mean temperature within 0.1°C of each other. Sunshine was the highest since 1990 and the sixth occasion on which 2000hrs has been exceeded. Rainfall was below average, with the wet end to the year failing to make up for the previous dry 9 months. Winds for much of the year were lighter than usual, with the mean wind speed being the joint second lowest on record.

JANUARY

Heavy snow in the first few hours of the New Year added a few more centimetres to the snow that had fallen at the end of 1996. This was a very cold day, with the temperature staying below freezing, to give the coldest start to a year since 1979. For the first six days of the month, an anticyclone meandered around between southern Iceland and the west of Scotland. For much of this period a ridge extended south-east as far as the Black Sea, while low pressure covered Spain and the western basin of the Mediterranean. This situation maintained a very cold east to north-east flow over the area. The resultant weather was dull, with some sleet, snow or ice pellets and temperatures close to, or just below freezing. The anticyclone then began to move slowly south-east across Scotland, whilst a new low edged towards north-west Spain. Changes in our weather were minor, but the flowed veered somewhat and this more direct flow off France brought falling temperatures on the 7th. During the early hours of the 8th the temperature was below -4°C, the lowest reading since February 1991.

On the 9th, winds backed to the north-east, making it slightly less cold again. After this fronts from the Atlantic started to encroach into the British Isles. With pressure still high over Europe and the associated very cold air, the fronts took a couple of days to make through the United Kingdom. The arrival of milder air on the 11th brought problems with fog. The fog was accompanied by heavy drizzle and hung around for most of the 12th as well. Much drier air spread north from France overnight, so that by the morning of the 13th it was sunny. The sunny weather stayed with us for four days, with a large high almost stationary over the Alps, keeping any fronts at bay and allowing clear air to feed north from Spain.

A cold front swept through, from the south-west, on the 17th. It gave some rain shortly before dawn, then the cloud cleared early in the afternoon to allow sunshine, which pushed the temperature to its highest value for the month. The following six days had unsettled weather, with a complex area of low pressure edging into western Biscay. Fronts swinging northwards brought spells of rain, but also some sunshine on a couple of days.

A ridge of high pressure began to extend north-east across the British Isles on the 20th, forcing the area of low pressure further south. By the morning of the 21st a small high was centred over the Midlands, but moving quickly east, to reach Germany by midday. This permitted low pressure to push up from Spain to bring rain that evening. We had more rain the next day, becoming heavy for a time in the evening. The pressure then started to rise again, with a new anticyclone coming from the south-west, linking up with one stretching from Scandinavia to the Alps. This situation ensured generally dry conditions and a reasonable amount of sunshine. Temperatures rose on the 24th and 25th, in areas sheltered from the light south-east wind. We were also troubled by thick fog at times.

The pressure rose even more as a new high moved in from the Atlantic. Winds backed towards the north early on the 27th, to clear away any residual fog and allow a mainly sunny day. As the high edged into western

Britain a north-east flow developed, bringing cloud down the Channel from the North Sea. This gave a few light showers, despite the pressure being at its highest for the month. The following two days were much brighter, with the wind veering more easterly, but this also introduced colder air. The month ended on a cloudy note and the moderate east breeze dragged temperatures close to freezing.

FEBRUARY

Cold weather left over from the end of January only lasted through to the evening of the 1st, with the passage of a weak occluded front introducing warmer air from the Atlantic, to replace the continental flow. Subsequently temperatures were either near to, or above normal, with no return of the previously dominant easterly flow.

For most of the first nine days the pressure was high, allowing fairly light winds and temperatures above average. A wave depression, approaching from the west on the afternoon of the 4th, brought strong winds and some heavy rain in the evening and also hill fog. Sunshine during this period was limited, despite the high pressure, with only the 5th recording a reasonable amount.

Falling pressure on the 9th brought increasing winds, and hill fog developed in the moist south-westerly airflow. Early the following morning we got outbreaks of rain ahead of a cold front, which cleared through early that afternoon, to leave us with a fine evening. The weather pattern was now unsettled, so that cloud ahead of the next frontal system spread rapidly east, to ensure that the 11th was a dull day. Rain came in during the afternoon, with heavy rain and fog in the evening. Moist warm sector conditions prevailed the following day, resulting in spells of drizzle and more hill fog at times. Winds strengthened as well, as a cold front approached.

The weather on the 13th was considerably different from what had gone before. A showery westerly flow was covering southern Britain and the Channel by the early hours of the 13th, with a trough of low pressure moving quickly east in the flow. Winds increased to gale force by dawn and continued to be gale force at times through the morning, with squally showers adding to the gustiness of the wind. The unsettled nature of the weather ensured that the following ridge was transient, with the next set of fronts and the associated depression, making their presence felt by early on the 14th.

Pressure rose on the 15th, as a building ridge of high pressure passed through the area. This helped to give us a mainly sunny day, however, more fronts were on their way in to bring cloud and rain during the next afternoon. The process was repeated, with fronts giving heavy rain by the evening of the 17th. After the clearance of a cold front by dawn the following day, we were in a strong and showery westerly flow. Showers passed through rapidly on gale force winds, with some hail accompanying the rain. There was very little let-up in the changeable weather pattern. A very deep low moved quickly north-east, towards the west of Scotland, with its fronts crossing the rest of the British Isles. Following a period of rain, we got further gales on the evening of the 19th.

The next three days were mainly dry, but cloudy with temperatures still well above normal. Depressions continued to affect Britain, but pressure was high over France, keeping fronts away from southern England and the Channel. The next set of fronts to reach us came through on the evening of the 23rd. Ahead of these it became sunny, with a southerly flow bringing the mildest conditions this month. L'Ancresse recorded 15°C, about three degrees higher than the Airport. Heavy rain that evening was followed by showers on the 24th, before more rain arrived later in the day, with winds once more increasing close to gale force.

The general situation then became simpler, with a belt of low pressure across central parts of the United Kingdom and a showery airstream over the Channel. Pressure was rising, as an anticyclone moved east into western France. Despite the proximity of high pressure, the 28th was a cloudy day with outbreaks of rain or drizzle and hill fog patches.

MARCH

There was persistent high pressure over France and Spain during the first week, but unsettled conditions prevailed across much of Britain. A series of deep lows moved north-east between Scotland and Iceland, with their fronts sweeping south-east through most of the British isles. As these fronts came up against the high pressure they slowed down considerably, becoming waving features near to the English Channel. The associated moist air resulted in a large amount of hill fog and generally light rain or drizzle. On the 3rd, though, a small

wave depression deepened enough to give moderate rain in the afternoon. A passing cold front gave heavy rain for a while the next morning, despite the pressure remaining well above 1020mb. Throughout this first week temperatures were several degrees above normal, especially so at night.

By the 8th a belt of high pressure extended from Poland to Ireland, with a very weak front becoming stationary for a while over southern England. On the 9th the front was pushed away north as a south-east flow developed across the Channel. This brought us sunny and very mild weather. For the next two days we had temperatures nearly 6°C above normal and virtually unbroken sunshine. These conditions were much better than those experienced near the south coast of England, where some places had three days of fog and temperatures getting no higher than 5 or 6°C.

A change of wind direction early on the 12th, resulted in fog coming in from the west. The fog cleared during the afternoon, to allow several hours of sunshine and boosted the temperature, but not to the same level as the previous three days. After mainly clear conditions overnight it became cloudy and, with light winds off a cool sea, the temperature was much closer to the norm. Following the passage of a weak trough on the morning of the 14th we had several hours of sunshine, with a fresh breeze, however it turned mild again. Hill fog arrived that evening, behind a warm front. The next day began with mist or hill fog and only improved for a few hours during the middle of the day.

High pressure was close by on the 16th, but a very moist westerly flow gave serious problems from fog for the morning, with fog patches continuing throughout the afternoon. There was no fog the next day, but persistent cloud and light winds ensured that the temperature hardly climbed at all through the day. Drizzle and patches of fog the following morning, were replaced by sunshine during the afternoon as a cold front swept through, with winds becoming fresh to strong. By the morning of the 19th, pressure was low from north of Scotland to northern Germany and high to the west of Biscay. Initially winds were quite strong, but we also had sunny periods and temperatures remained above normal. As the low filled, and the high edged closer, winds became light and it stayed mainly sunny.

On the 23rd a weak cold front cleared through the area, giving no more than a little drizzle. A narrow warm sector brought rain the next morning, the first appreciable rain for over two weeks. The clearance of the rain was delayed until late in the afternoon, by the formation of a small low over the Cherbourg peninsula. There was a period of clear skies overnight, but cloud had spread in from the west again by dawn on the 25th. The following day was also cloudy, with some rain and drizzle during the afternoon. That evening it became foggy as very moist air arrived. The passage south of the following cold front through the area the next morning, gave a short period of sunshine, before patches of hill fog reappeared. Away from the higher parts of the island the sunshine was prevailed for several hours.

Much clearer conditions came in by the early hours of the 28th, behind a cold front. Pressure then rose quickly as a large high moved east towards the Channel. Throughout the Easter weekend we had sunny weather and it became slowly warmer as the wind decreased and veered towards the east. Sunshine for the 4 days totalled 45.7 hours, making it the sunniest Easter since 1984.

APRIL

High pressure dominated the weather for most of the month until the 25th. Initially a belt of high pressure extended from the central Atlantic, through the Channel to Germany. This gave us a pleasant sunny start to the month, with light winds. The wind backed to the north, bringing sea fog towards the Islands and the fog moved inland for a while overnight. The fog had cleared again by the next morning, but returned that evening and during the early part of the night. The main anticyclone had transferred westwards by the 3rd, with a cloudier north-west flow being introduced. The anticyclone remained to the west of the Channel for the next couple of days, allowing fronts to affect western and northern Britain, but we escaped with occasional cloudy spells.

On the 6th the high began to drift slowly north-east towards England, while a new high started to form over the North Sea. This high then became the dominant feature, bringing air in from the Continent and ensuring many days of unbroken sunshine. At first winds were fresh, but they died down on the 8th. By the next morning we had a light south-east breeze, which brought in warm and very dry air, which had moved north through Spain and France, from north Africa.

By the morning of the 11th the high that had dragged in the warm and dry air had moved south-east to Turkey. A new high then took over, centred just to the west of Ireland. Deep low pressure began to move south-east through Scandinavia, with cold air pushing south over the North Sea. A weak cold front passed through the area early on the 12th, followed by colder but still mainly sunny conditions. The high west of Ireland drifted slightly north, before becoming almost stationary for four days, with a ridge extending south-east across the British Isles. Depressions continued to move south-east over Scandinavia, with their fronts flirting with the east coast of England. Our weather stayed sunny and dry, with temperatures picking up at first, before dropping back as a fresh north-east to east wind developed. A weak front passed westwards through the area on the morning of the 17th, giving the first spots of rain since the March 27th.

From the 18th to 20th the north-east wind picked up from moderate, to become fresh to strong, with some gusts close to gale force. This wind accentuated the lower temperatures, but it stayed dry with a fair amount of sunshine. By the 21st winds were lighter, although it was still rather cool. After a fine night, cloud built up over the island on the 22nd. There were a couple of showers in the south-west, with hail reported near St. Peter's church although only a trace of rain was recorded at the Airport. It became sunny again the following day and warmer with a light southerly wind developing.

By early on the 25th a front reached us from the south-west, bringing a marked change to our weather. Rain began to fall at around dawn and became heavier a couple of hours later, with hill fog developing. This broke the run of days with no measurable rain, which had lasted for 28 days. A mixture of rain, drizzle and fog was the pattern of weather for the next three days, with only a small amount of sunshine. We still managed dry periods, though, and the glimpses of the sun we did get helped to keep temperatures above normal.

The combination of low pressure across Scotland and a large high to the west of Portugal, on the 28th, resulted in a stiff westerly wind and with the air still moist it remained mainly cloudy. Brighter conditions arrived for the 29th, although it continued to be quite windy. Despite this it was rather warm. To end the month an anticyclone covered the Channel Isles, ensuring sunny and dry conditions, with very light winds and a temperature about four degrees above normal.

MAY

At the start of the month high pressure was centred over Belgium, resulting in a dry and warm east to south-east flow across the area. The high drifted east over the next 48 hours, allowing low pressure to push into Biscay from the south-west. The 1st was a warm and sunny day and it became very warm on the 2nd. Cloud had arrived by dawn the following day and there were a few sporadic bursts of rain, but also sunny spells in the afternoon. It rained more heavily for a time on the morning of the 4th, fog patches developed. By the afternoon, though, it was sunny. By the early hours of the 5th, a belt of low pressure lay from Ireland, across southern Scotland to southern Norway. We were in the mild air-stream on the southern flank, whilst much colder air was spreading south to the west of the British Isles.

Cold air reached us during the early hours of the 6th, with a spell of heavy rain being followed by showers. The temperature remained below 10°C in the daytime, with a wintry mixture of sunshine and showers of rain or hail. Overnight winds fell light and, with clear skies, a ground frost developed. A belt of showers, though, arrived before dawn and with the temperature low there was some sleet. The lowest temperature recorded was 1.9°C, a figure only beaten in 1979, when snow showers pushed down the temperature close to freezing. The rest of the day was mainly sunny, with only one or two light showers.

Over the following couple of days low pressure sank south to cover the British Isles by the 9th. Through this period we got some further rain, but totals were small. Despite the low pressure we had 13.5 hours of sunshine on the 8th. Temperatures began to pick up slowly and the area of low pressure started to drift away north, with an anticyclone building over the Continent. By the 15th we had easterly winds and it became warm and sunny. Very humid air came in from the south-east late that evening, so that it turned foggy. The next day was mainly cloudy, with thick fog at first and some heavy rain late morning. Similar conditions prevailed on the 17th, with only a little sunshine, but it was rather warm. Clearer weather arrived the following day, behind a weak cold front.

Further fronts moved north through the area early on the 19th, bringing some rain, followed by brighter conditions later that morning. With low pressure moving slowly east along the Channel on the 20th, we had a rather cool and damp day, with spells of rain or showers. High pressure was by now extending south into the

north of Scotland and a small anticyclone developed over Biscay. The 21st was cloudy in the morning with some rain and mist at first. The afternoon was mainly sunny away from the higher parts of the island. Gradually over the next couple of days an intensifying high moved south into Scotland, whilst low pressure became established west of Iberia. This situation brought strengthening winds for the Bank Holiday weekend and it was initially rather cool, although with virtually unbroken sunshine.

Changes in the weather pattern for the rest of the month were small. Pressure remained low to the south of Britain and the high pulled back north-west for a while, before becoming re-established over the British Isles. Our weather stayed sunny, but generally breezy. The 28th was quite cool, but it warmed up again after that.

JUNE

June started off with high pressure to the north of the British Isles, giving us a fine day, but this high moved away northwards to allow troughs to swing east along the Channel. This situation brought showers to the island, with a thunderstorm in the early hours of the 2nd. The high continued to move away over the next day or so to allow a slack low pressure area to form across France. This eventually brought us rain on the 5th with some heavier bursts in the morning before turning showery in the afternoon. With the winds in the SE temperatures reached 20.5 C - our warmest day of the month.

A complex area of low pressure then dominated our weather giving rain on the evening of the 6^{th} , followed by a fair or fine weekend, but with light showers on the Sunday morning. The low pressure which had been just south-west of us began to move slowly north up the western side of the United Kingdom, with showery rain on the 9^{th} and more general rain on the 10^{th} . A new low then developed to the SW and pushed slowly NE with fronts reaching our area over the next few days, giving rain at times and some patchy fog.

On the 15th a weak ridge of high pressure developed over France giving us a reasonable day with sunny spells, but on the 16th slack low pressure took over making the day rather cloudy although it was brighter again on the 17th. The 18th was a generally cloudy day, with rain towards midnight as an Atlantic depression brought its frontal systems to the Islands and the weather remained wet for the 19th, before clearing towards evening. The depression remained slow moving not reaching Scandinavia until the 22nd. Our weather remained unsettled with showers or rain at first giving way to cloudy conditions before more general rain arrived on the 25th brought in once again by an Atlantic depression which crossed the UK.

Rain continued to fall on the 26th and 27th easing off by the early hours of the 28th. All this rain was due to the low remaining slow moving over the North Sea with troughs or fronts running down the British Isles. This situation remained till the end of the month with the low pressure area over the North Sea sending cool N'ly winds across the country giving us a Max temp on the 27th of 12.8°C (with temperatures on the whole being low across the UK some stations did not reach double figures e.g. Birmingham had a day time Max of 9.6°C)

JULY

Some of the bad weather, that had blighted the end of June, continued at times through the first few days of July. A very deep low, for early July, was off the coast of north-east England on the 1st. After some rain it brightened up, with sunshine from late morning. Despite the sun it was rather cool. Cloud spread in overnight, giving heavy showers on the 2nd and keeping the temperature very low. The warmest we rose to was a meagre 13.1°C. The next day was no better, with further cool and damp conditions.

The weather pattern started to change on the 4th, with the low pressure over Britain filling and moving away north-east, whilst a strong ridge of high pressure extended north-east towards the west of Britain. The passage of a weak front on the 4th, brought the break up of the cloud. For the subsequent five days it was very sunny as the ridge of high pressure held sway for southern parts of the United Kingdom and the Channel. It also turned warmer as the winds veered to the east.

This fine weather was curtailed on the 10th, by an area of low cloud and fog moving in from the North Sea. The sun came out again that afternoon, but fog was back with us by about dawn the next day. The main high was now well out of the way, over northern Scandinavia, but a ridge still extended towards western France. This situation prevented any lows from affecting our weather too much. A low did move into Ireland on the 13th and a cold font crossed the area, but it was very weak and gave only a few spots of rain. The flow of weather then became more westerly, with depressions and their fronts moving east across the Atlantic, bringing changeable weather for a few days. Very moist air followed the passage of a warm front on the 15th, resulting in

a mixture of drizzle and fog patches and some rain in the afternoon. This ended up being our only wet day from the 3rd to the 24th.

After two more days of mainly cloudy weather, the renewed development of a ridge of high pressure across Scotland and Ireland, brought a return of sunny conditions. Initially temperatures were close to normal, but soon rose as the wind veered easterly, with the movement of the high further east. By midday on the 23rd there was relatively low pressure through the middle of Britain, but a weak ridge still hung on over the Channel. By first light the following day it was cloudy, and the approach of a warm front brought rain & drizzle, with fog in the afternoon. On the 25th a small low passed by just to the south of the Islands, to produce some rain, but the very moist air flow remained over Brittany. Clear skies that evening and for the first part of the night, were followed by fog returning as the next wave of moist air swept north-east.

Everything changed though behind the cold front. By midday on the 27th it became sunny and remained so for the next three days. A south-east flow on the 29th, gave us our warmest day this year. A very deep low for late July was, though, moving north towards Iceland and its cold front went through overnight. We had a short burst of rain late in the night, but the day was sunny although noticeably cooler than the day before. To end the month we had dry weather, but it was cloudy until the afternoon.

AUGUST

Moist air moved eastwards over the British Isles on the 1st, but with high pressure nearby it took until late afternoon for us to be affected. The arrival of this moist air gave an indication of conditions to come for much of the month. Fog patches and slight rain came in on the evening of the 1st and the fog persisted for most of the following morning. A waving cold front moved just south of Alderney during that afternoon, but did not reach us until the evening. For a time Alderney had a fresh easterly breeze and hill fog, whilst we had light south-west winds and a little warm sunshine, but also patches of sea fog. As a developing low moved in towards southern Ireland on the 3rd, the front edged back northwards to bring more fog. The low remained stationary for a while the next day, with its fronts giving Cornwall a soaking. Fine and warm weather spread north over the Channel Islands in the afternoon, followed by a very brief thundery shower that evening. Foggy conditions returned overnight accompanied by outbreaks of rain. The low drifted south, over western Biscay, during the following three days, leaving a front moving slowly from southern Ireland to northern France.

By the 9th a belt of high pressure covered southern England and the Channel. For most of the island the day was sunny and warm, but fog was extensive over the sea, and coasts exposed to the north to north-east breeze suffered with fog for much of the day. A moderate easterly wind the next day meant that fog was not a problem and it became very warm, especially in the sheltered west with the temperature in excess of 27°C. Cloud spread north from Biscay during the afternoon, followed by some light rain in the evening. The next two days were also very warm, but rather cloudy at times. There was a little thunder late on the 12th, with a burst of heavy rain overnight as a weak cold front went through.

After the clearance of fog on the morning of the 13th, it became mainly sunny. This day and the next three gave us our sunniest spell of the month. Initially temperatures were only a couple of degrees above normal, but as the wind moved around to blow off France, it turned very warm again. On the 16th we again had temperatures of 27°C or more. Lightning was seen overnight, but no thunder was heard and it stayed dry. For the following five days it remained warm or very warm, and humid, with fog at times. A couple of these days were mainly sunny, but on the 19th for instance we got about an hour of sunshine, yet the temperature reached 24°C.

Fog, having not been too much of a problem for the previous 10 days, thickened up on the 21st for a while. but dispersed in the afternoon, before returning overnight and caused considerable problems for flying throughout the next day. The persistence of the fog was brought about by a weak front which had become slow moving through southern England. The front moved away north on the 23rd, eventually allowing the fog to clear in the afternoon. The following day was cloudy during the morning, with some fog and drizzle, but was warm and sunny in the afternoon. The character of the weather then began to change. The passage of a cold front that night was marked by several hours of rain, some of it heavy.

A deepening depression started to move east across the Atlantic on Bank Holiday Monday. It approached south-west Ireland on the 26th, bringing strengthening winds and rain to much of western Britain. This rain arrived locally during the early hours of the 27th, with a brief thunderstorm shortly after dawn, as a cold front cleared through. The low became almost stationary near to western Ireland for a couple of days, with troughs moving

eastwards on its southern flank. The 28th was the windiest and coolest day of the month, with blustery showers giving an Autumnal feel to the weather. The next day was similar, but warmer.

We suffered fog for a while on the night of the 29th/30th, as a warm front went through, but sunny spells came along in the afternoon. The movement of fronts through the area on the 31st, gave little rain, but kept it rather cloudy for most of the day. Sunny periods from late morning to early evening did allow us to end up with another warm day.

SEPTEMBER

Low pressure to the north of us started off September's weather, but a ridge of high pressure developed on the 2nd and 3rd. Low pressure remained to the west of the British Isles, eventually bringing its fronts to us on the night of the 3rd/4th. The area of low pressure then became slow moving over Scotland, whilst an Atlantic high extended a ridge towards the Channel. Over the next couple of days the high kept frontal activity away from us. A cold front then passed through the area on the night of the 6th/7th. From then on the Atlantic high again extended its influence across our area with the central pressure system remaining fairly static to the west with a ridge across the channel. Towards the 10th the anticyclone moved eastward into the Low Countries, continuing on to eastern Europe by the 11th. Low pressure to the north-west gradually extended frontal activity to us late on the 11th. This low then began to fill as high pressure once again developed to the SW, and then edged slowly NE to be over us by the 14th. It then continued onwards into Europe, but still maintained a ridge of high pressure across the Islands.

Low pressure over Scotland tried to extend its fronts down south, but the high kept them at bay until the 18th, when the remains of hurricane Erica came to a halt to the west of Biscay. High pressure then built across Scotland for a change. Rain came our way on the 18th, but with the Scottish high moving into the North Sea a south-east airflow spread over us from the continent. This gave us our warmest day of the month, when the temperatures reached 25.2°C. Conditions across much of England were markedly different, with some places in the north Midlands struggling to exceed 10°C.

The anticyclone then remained over the North Sea with E'ly winds becoming established over the Channel and this stayed the pattern for the rest of the week. A weak front over Europe did try to move around the high but had dissipated by the time it reached us. The high then started to move East from the 28th still maintaining a ridge over the Channel while a deep Atlantic low moved towards Iceland. Once again the associated fronts were kept at bay only coming as far as Southern England before heading back northwards. The month ended under the influence of high pressure bringing a moist airflow to us with quite a heavy dew at night but bright and sunny by day.

OCTOBER

On the 1st pressure was high in the western approaches to the Channel, with southern England and the Bailiwick covered by a warm and humid north-west flow. This situation allowed us a pleasant start to the month, but with thick fog early on. The humid air cleared away early the next day after a weak cold front went through. The pressure remained high across the area for the next four days, maintaining dry and settled conditions, with temperatures above normal. The weather across northern Britain was unsettled by this time this was soon extending south to the rest of Britain, as the high moved away to Italy.

The first of the rain arrived on the afternoon of the 6th, with some heavy rain early the following morning. It brightened up during the day, although more heavy rain came along later as a small wave depression moved up the Channel. The proximity of fronts meant the rain continued for most of the 8th, with heavy rain much of the time. The two day total of rain for the 7th & 8th was 60.1mm, most of it falling between 10.30 p.m. on the 7th and midnight on the 8th. A strong south-west flow kept temperatures above normal despite the rain and the night of the 8th/9th was very mild for October.

A weak ridge of high pressure gave mainly sunny conditions on the 10th, but the general weather pattern was still changeable, with a new low moving into Ireland the next day. We did not get much rain as the associated fronts went through, but the wind picked up in the evening, gusting to storm force late in the day. A brief gale was recorded in the early hours of the 12th, but most of the day was fair and dry. The flow became northerly as pressure built to the west of Ireland and this brought colder weather for a time. The high then edged south, allowing fronts to

move into western Britain. These fronts gave a spell of heavy rain on the night of the 14th, followed by a return of mild conditions, with periods of sunny weather.

Misty weather spread north-east through the area on the 16th, following the passage of a weak warm front. The flow then back southerly, and the resulting shelter from Brittany gave us mainly sunny and warm weather for a couple of days. The nights were very mild as well, with the temperature above 17°C for much of the night of the 18th/19th. By this time a low was moving slowly north, to the west of Portugal, pushing its fronts north-east across Biscay. There was some rain during the afternoon, but it did not become heavy until just before dawn on the 20th, then there were further bursts of heavy rain throughout the day.

The general situation was now on the change once more. An anticyclone was moving south-east towards northern Scotland, pushing weakening fronts south over the British Isles. The fronts became slow moving over the Channel and south-west England on the 21st and 22nd, giving cloudy weather, with rain or drizzle at times. The cloud cleared away the following day to allow virtually unbroken sunshine. The remnants of a very weak cold front caused the development of cloud in the Channel on the 24th, whilst southern England was sunny. The sunny weather was back with us on the 25th as dry air was brought in on an east to south-east flow.

The rest of the month was mainly sunny, but temperatures fell as winds off the continent persisted. The coldest weather occurred on the 28th and 29th. The temperature did not get up to 10°C during daytime on the 28th and the following night was cold. Sheltered western parts of the island had a slight ground frost, but it was even colder in Jersey, where the Airport saw a new record low temperature for October.

NOVEMBER

For the first three days of the month the weather was dry and mainly sunny, but an easterly flow meant that temperatures were slightly below normal. By the 3rd low pressure was moving north over western Biscay, with its fronts introducing some cloud by late afternoon. Rain did not arrive until shortly before dawn on the 4th. The rest of day was mainly cloudy, but it became much milder. The next day had sunny periods with the temperature reaching its highest for the month, but the proximity of low pressure ensured that showers developed. The low continued to move slowly north-north-east through Wales, with troughs affecting the Channel on the night of the 5th/6th. The following night a slow moving trough resulted in a couple of hours of heavy rain followed by showers. This marked the start of a week of wet weather.

A new depression swung through south-west England the next night, with more heavy rain and strengthening winds, which gusted up to 50 mph. By midday on the 8th a very complex area of low pressure covered the British Isles, with a brisk and showery south-west flow blowing through the Channel. There was a mixture of sunny spells and showers each day. Some of the showers were heavy, with hail and thunder at times. With this weather pattern temperatures fell back to around normal. The pressure gradient become much less steep on the 11th, which meant that showers were now moving very slowly in light winds. Initially they remained over the sea, but around dawn on the 12th they pushed inland and gave a prolonged period of showery rain, with some hail. Anything between 10 and 30mm of rain fell in 6 hours.

The showery regime of weather changed on the 14th, as a new series of Atlantic depressions pushed their fronts towards Britain. The main area of low pressure stayed to the west of the British Isles, with high pressure over Spain and France. This situation meant that we had very mild and dull conditions, but with only small amounts of rain. On the 17th the high over France declined, allowing the lows to get closer. The cold front from one low gave several hours of rain the following morning. Even behind this cold front it was very mild, with a new depression rushing in towards south-west Ireland. After the cold front from this depression had cleared through, the weather became showery once more.

The weather remained showery for three days or so. Some showers were heavy and accompanied by thunder on the 19th and 20th. The temperature also fell back closer to normal, but accompanied with a fair amount of sunshine. By the 23rd there was a complex area of low pressure over the Atlantic and high pressure over Russia, resulting in a southerly flow across Biscay and Britain. The associated conditions were mainly dull, with rain at times and the daytime temperatures were at their lowest for the month. A new low then moved east across the Atlantic to be situated just off north-west Spain by the 25th. This low continued to drift slowly east through Spain, whilst a secondary development moved north over the Bay of Biscay. This brought some showers early on the 27th before fronts swept in from the south-west, to bring heavy rain for much of the night of the 27th/28th.

For the rest of the month we had showery conditions, with a small depression edging slowly north-east from south-west England to the North Sea. Following this a northerly flow started to spread south through much of the United Kingdom, but we held on to mild weather.

DECEMBER

The first few days of December brought a hint of winter. A developing low moved south-east towards Brittany on the 1st, bringing rain in the afternoon and overnight. As the low crossed France, our winds backed to the north making it rather cold, but it was a mainly sunny day. An anticyclone then started to drift south-east from Iceland, maintaining the rather cold conditions, but with a lessening wind.

By the 5th the high had moved to the mouth of the Channel, allowing a south-westerly flow to push across Scotland. Milder conditions reached us on the 6th, but winds locally became southerly bringing a partial continental flow. The passage of a front on the afternoon of the 7th eventually pushed the temperature well above normal. For the next four days a south-westerly flow covered the British Isles, with fronts giving rain at times, whilst ensuring that it remained very mild.

On the 11th winds veered to the north for a while as a depression moved from England into the North Sea. This in turn was followed by a build of pressure, as a developing anticyclone transferred north-east across the Bay of Biscay. This anticyclone passed close to the islands on the 13th, before becoming absorbed as a ridge, extended from an intense high centred near eastern Finland. The associated weather for this period was generally dry and reasonably sunny, with temperatures staying above normal.

The intense high near Finland then became the dominant feature of the weather for the next three days. This resulted in a strong easterly flow, which drew very cold air westwards from Russia. The high sank south through Russia, while low pressure pushed north-east from Portugal. There was a short spell of snow, as a front approached the area, but this soon turned to rain with the arrival of less cold air from the south. Following the passage of more fronts on the 18th, it became very mild again. Temperatures remained above normal through the next four days, although south-east winds brought in fog from France the following morning.

On the 22nd an occluding frontal system moved very slowly into the Channel. Ahead of it we had cloudy weather, with rain in the afternoon and it was cooler than the previous few days. Once the front had passed through overnight it became much milder again. Getting closer to Christmas it stayed very mild, but it was also turned windy and rather wet. Occasional showers on Christmas day brought our highest gust for the month, but we missed the gales that caused problems further north over western Britain. There were frequent showers early on Boxing day, with a brief thunderstorm just before dawn. Long sunny spells followed and the rest of the month managed much more sunshine than usual, although the 29th was dull, with a south-east wind bringing in low cloud from France.

The attempt of cold air to become established did not succeed, so that this December ended up much milder than the last two, although less mild than 1994. It was, though, considerably sunnier than recent Decembers, with the highest total since 1991. Rainfall was marginally above average, whilst it was less windy than normal without any gales. The number of days with fog was about average, but it only caused a problem on the 19th.

ANNUAL WEATHER SUMMARY

	MEAN AIR T	EMPERATURE °C	RAIN	NFALL mm	SUN	SHINE hrs
MONTH	1997	DIFFERENCE FROM AVERAGE	1997	PERCENTAGE OF AVERAGE	1997	PERCENTAGE OF AVERAGE
JAN	4.3	-1.9	24.3	25.2	68.7	130.6
FEB	8.0	+2.1	75.1	94.7	61.0	77.1
MAR	9.3	+2.3	24.0	34.2	144.5	110.1
APR	9.9	+1.4	20.3	39.5	269.7	147.5
MAY	12.7	+1.5	35.1	69.1	293.6	125.5
JUN	14.3	+0.4	96.3	207.5	162.5	67.9
JUL	16.3	+0.4	20.6	55.2	292.0	116.2
AUG	19.0	+2.8	42.9	94.1	190.9	84.5
SEP	16.5	+1.5	6.9	10.8	235.1	139.6
ост	13.6	+1.0	101.6	119.7	154.6	131.9
NOV	11.2	+1.9	156.3	153.1	77.4	107.9
DEC	8.7	+1.3	108.9	104.0	72.4	141.7
YEAR	12.0	+1.2	712.3	85.5	2022,4	112.1

SUNSHINE

			SUNSHINE (hours)			SUNNIE	ST DAY	% OF PC	SSIBLE SUN	SUNLESS	DAYS
MONTH	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1997	DATE	1997	AVERAGE 1961-90	1997	AVERAGE 1961-90
JAN	68.7	52.6	97.2	1959	26.0	1966	7.9	14th	25,5	19,5	13	11.5
FEB	61.0	79.1	140.9	1959	36.1	1976	9.4	17th	20.7	26.9	8	7.5
MAR	144.5	131.3	206.1	1973	67.4	1964	11.7	28th,31st	39.3	35.7	7	5.2
APR	269.7	182.9	280.4	1984	122.2	1981	13.8	30th	66.0	44.8	4	2.6
MAY	293.6	233.9	336.4	1989	136.9	1981	14.8	29th	62.1	49.5	0	1.8
JUN	162.5	239.3	355.3	1975	147.8	1977	14.3	1st	33.8	49.7	3	2.2
JUL	292.0	251.2	335.9	1959	167.7	1972	15.1	6th-8th	60.3	51.8	1	1.3
AUG	190.9	225.9	323.0	1955	139.2	1992	12.2	15th	43.1	51.0	17	1.4
SEP	235.1	168.4	266.5	1959	104.5	1956	11.7	10th,13th	62.4	44.7	0	2.6
ост	154.6	117.2	176.4	1971	72.6	1968	9.7	29th	46.7	36.1	4	4.7
NOV	77.4	71.7	117.7	1988	38.9	1981	8.3	2nd	28.6	26.4	3	6.9
DEC	72.4	51.1	98.5	1962	26.6	1966	6.7	2nd	28,4	20.0	8	11.5
YEAR	2022.4	1804.5	2262,8	1959	1532.5	1981	15.1	6th-8th/7	45.4	40.5	49	59.0

ATMOSPHERE PRESSURE (Millibars) AT MEAN SEA LEVEL

			MEAN PRES	SURE					EXTREME P	RESSURE		
монтн	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	RECORD LOWEST		RECOR HIGHES		E & TIME G.M.T.	RECORI LOWES		DATE & TIME G.M.T.
JAN	1020.4	1016,2	1030.5	1992	1001.1	1948	1045.9	30/1989	0945	966.6	20/1965	1220
FEB	1019.1	1015.6	1032.1	1959	1003.5	1966	1047.5	7/1964	1050	952.5	25/1989	1050
MAR	1026.1	1016.1	1029.9	1953	1003.0	1947	1047.7	3/1990	0930	969.6	13/1951	1630
APR	1023.1	1015.6	1025.1	1954	1008.2	1983	1040.2	10/1947	0800	981.4	23/1969	0950
MAY	1013.9	1015.7	1025.3	1991	1007.8	1983	1036.1	22/1991	0900	989.2 *	5/1997	1545
JUN	1009.5	1018.0	1024.5	1962	1013.7	1963,81	1037.5	14/1959	0850	988.9	9/1954	1500
JUL	1020.2	1018.8	1023.5	1969	1013.9	1988	1034.5	12/1969	1150	986.6	3/1988	0845
AUG	1015.8	1017.6	1022.0	1981	1011.9	1963	1036,1	12/1949	0930	982.3	9/1948	0000
SEP	1022.0	1017.7	1024.2	1977	1010.9	1993	1037.3	22/1947	0700	974.7	13/1993	0630
ОСТ	1017.2	1016.4	1024.5	1971	1003.9	1960	1040.0	26/1969	2200	959.5	16/1987	0200
NOV	1003.2	1015.7	1026.2	1978	1003.0	1963	1040.5	30/1980	2345	965.0	19/1996	1720
DEC	1011.8	1016.2	1029.5	1991	1000.6	1978	1046.0	25/1991	0950	964.2	8/1954	1450
YEAR	1016.9	1016.6	1019.8	1949	1013,4	1960	1047.7	03/02/90	0930	952.5	25/02/89	1050

RAINFALL

					i V	AIINFALL						
		RA	INFALL mm				WET	TEST DAY	RAIN D	AYS (≥0.2mm)	WET D	AYS(≥0.2mm
монтн	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1997	DATE	1997	AVERAGE 1961-90	1997	AVERAGI 1961-9
JAN	24.3	96,3	190.4	1988	15.4	1992	6.2	21st	44	20.0	0	15.8
FEB	75,1	79,3	182.8	1978	4.8	1965	9,4	17th	11 18	15.9	8 14	12.3
MAR	24.0	70.2	160.2	1947	2.7	1961	14.5	3rd	9	16,1	5	12.2
APR	20.3	51.4	130.4	1966	2.9	1980	7.4	26th	4	13.3	4	9,9
MAY	35.1	50.8	128.7	1994	4.1	1989	8.3	20th	14	12.4	11	9.4
JUN	96.3	46,4	129.7	1986	0,6	1976	13.6	26th	19	10.3	16	6.8
JUL	20.6	37.3	120.2	1960	6.6	1983	7.3	2nd	7	9.6	6	6.5
AUG	42.9	45.6	122.0	1951	3.8	1955	13.7	24th	10	11.1	6	7.6
SEP	6.9	64.1	194.5	1952	7.3	1959	3.9	12th	4 *	13.1	2 *	9.6
ост	101.6	84.9	233.9	1960	3,4	1978	34.4	8th	14	15.3	10	11.9
NOV	156.3	102.1	192.5	1965	16.1	1978	19.7	6th	25	19.0	20	14.9
DEC	108.9	104.7	227.2	1965	28.1	1953	14.6	1st	20	19.1	19	15.4
YEAR	712.3	833.1	1317.0	1960	531.3	1989	34.4	8th/10	155	175.1	121	132.0

^{*} NEW RECORD

TEMPERATURE °C

	MEAN	MAXIMUM		HIGHEST M	AXIMUM		MEAN	MUMININ		LOWEST M	NIMUM	
MONTH	1997	AVERAGE 1961-90	1997	DATE	RECORE HIGHEST	(1)	1997	AVERAGE 1961-90	1997	DATE	RECO LOWE	
JAN	5.9	8.1	10.2	17th	13.3	4/1948	2.7	4.4	-4.5	8th	-7.8	20/1963
FEB	9.9	7.8	11.7	23rd	15.0	29/1948	6.1	4.0	0.7	1st	-7.2	21/48,7/91
MAR	11,5	9.2	15,9	11th	19.4	29/1965	7.1	4.7	3.8	20th	-2.2	10,11/1958
APR	12.8	11.0	19.0	9th	23,0	22/1984	7.0	6.0	2.9	2nd	-1.4	11/1986
MAY	15.7	14.0	22.0	2nd	25.7	5/1995	9.7	8.4	1,9	7th	0.1	2/1979
JUN	16.7	16.8	20.5	5th	30,8	26/1976	11.9	10.9	9.0	2nd	5.4	1/1975
JUL	19.3	18.9	24.2	29th	31.7	1/1952	13.3	12.9	10.4	2nd	8.3	8/1954
AUG	21.9	19.0	27.1	16th	32.8	3/1990	16.1	13.4	13.7	28th	9.2	28/1986
SEP	19.4	17.5	25.2	19th	30.6	2/1961	13.6	12.5	10.2	14th	5.8	28/1974
ОСТ	15.7	14.7	20.0	1st	23.3	4,5/1959	11.5	10.5	5.1	29th	3.9	30/1983
NOV	12.9	11.2	15.4	5th	16.7	6/1955	9.5	7.4	7.0	1.1th	0.0	{18/52,19/85 {22,28/93
DEC	10.5	9,3	13.9	10th	15.6	6/1953	7.0	5,6	0.4	16th	-3.8	24/1963
YEAR	14.4	13.1	27.1	16th/8	32.8	03/08/1990	9.6	8.4	-4.5	8th/1	-7.8	20/01/63

		MEAN	DAILY AIR TE	MPERATUR	E				MEAN DAILY	RANGE		
MONTH	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	RECO	
JAN	4.3	6.2	8.6	1993	1.5	1963	3.2	3.7	4.7	1984	3,1	1957,66,76,91,9
FEB	8.0	5.9	9.0	1990	1.5	1986	3.8	3.8	4.6	1988	3.0	1986
MAR	9.3	7.0	10.3	1957	:4.4	1962	4.4	4.5	6.4	1953	3.7	1964,81,88
APR	9.9	8.5	10.9	1961	6.4	1986	5.8	5.0	6.3	1984	3.7	1994
MAY	12.7	11.2	13.9	1989	9.9	1984	6.0	5.6	7.3	1989	4.6	1981
JUN	14.3	13.9	16.7	1976	11.3	1972	4.8	5.8	8.3	1976	4.1	1977
JUL	16.3	15.9	19.4	1983	13.8	1954	6.0	6.0	7.9	1983	4.4	1954
AUG	19.0	16,2	19.1	1995	14.3	1956	5.8	5.6	7.3	1955	4.3	1958
SEP	16.5	15.0	17.5	1949	12.8	1986	5.8	5.0	6.1	1961	3.6	1967
ОСТ	13.6	12.6	14.7	1995	9.6	1974	4.2	4.2	5.1	1947	3.5	1968
NOV	11.2	9.3	12.0	1994	7.7	1993	3.4	3.8	4.9	1969	2.8	1994
DEC	8.7	7.4	10.1	1953	4.6	1950	3.5	3.7	4.5	1968	2.8	1987
YEAR	12.0	10.8	12.1	1989	9,6	1963	4.8	4.7	5.2	1949,89,90	4.3	1977

	LOWES	ST GRASS MIN	IMUM TEMPI	ERATURE		DAYS WITH AI	R FROST	-	DAYS W	ITH GRASS MINI	MUM BELO	N 0°C
MONTH	1997	DATE	LOWES		1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR
JAN	-4.5	8th	-10.0	29/1947	6	2.5	16	1963	9	7.4	20	1985
FEB	-3.0	3rd	-11.1	12/1978	0	2.6	18	1986	3	7.8	24	1956
MAR	-3.3	20th	-9.4	3/1965	0	0.6	4	1947	4	7.0	18	1955
APR	-4.6	13th	-7.0	5/1990	0	0.1	1	1978,86	6	4.5	10	1984
MAY	-3.3	7th	-5.6	5/1979	0	0.0	-		1	2.0	9	1979
JUN	1.6	29th	-3.0	14/1987	0	0.0	-		o	0.3	3	1987,89
JUL	6.2	2nd	1,0	7/1996	0	0.0			0	0.0	-	
AUG	9.4	15th	0.8	11/1981	0	0.0	-		10	0.0	>=	
SEP	3.3	15th	-1.0	23/1979	0	0.0	=		0	0.1	1	1979,86,8
ост	-2.2	30th	-4.0	30/1983	0	0.0	-		1	0.5	6	1992
NOV	0.1	12th	-5.6	29/1987	0	0,0	-		0	3.3	9	1988
DEC	-3.0	13th	-8.9	29/1964,27/1995	0	1.0	5	1970	4	5.4	10	1976
YEAR	-4.6	13th/4	-11.1	12/02/1978	6	6.7	31	1963	28	38.4	62	1985

NUMBER OF DAYS WITH

			FOG	i .				T	HUNDER	
MONTH	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	RECORD LOWEST	100 miles (c)	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR
JAN	8	5,8	13	1955,82	2	1963,67,72,74,92	0	0.7	4	1979
FEB	13	6.0	15	1979	0	1969	О	0.5	3	1957,89
MAR	15	7.2	16	1960,94	0	1968,73	0	0,4	4	1958,67,82,87,95
APR	6	6.4	16	1963	2	1976,90	0	0.4	4	1981,95
MAY	7	7.2	19	1964	2	1988	0	1.1	4	1950,71
JUN	10	10.2	18	1965	1	1975	1	1.2	6	1982
JUL	11	10.3	20	1972,78	4	1966	0	1.3	5	1982,94
AUG	21 *	8.8	17	1958,80	2	1976	3	1.2	5	1974
SEP	2	6.2	15	1987	0	1952,53,72	0	1.1	10	1976
ост	4	3.9	17	1986	0	1971,73	0	1.3	5	1964
NOV	1	3.1	14	1992	0	=	4	0.9	4	1969
DEC	5	4.1	11	1995	0	1947,64,75	(1)	0.8	4	1976,93
YEAR	103	79.2	115	1994	55	1989	9	11.0	21	1982,95

		SNOV	V OR SLEET	-			HA	JL,		
MONTH	1997	AVERAGE 1961-90	RECORD HIGHEST		1997	AVERAGE 1961-90	RECORD HIGHEST		RECORD LOWEST	YEAR
	_		in the c	STANDS TOW	(=	45.50	10-03	para-a rea-	21	
JAN	7	3.4	12	1963,85	5	5.1	13	1984,85	0	1955,64,70,92,93
FEB	0	4.5	18	1956	3	3.4	13	1988	0	=
MAR	0	2.7	10	1962,70	0	3.7	9	1979	0	22
APR	0	0.8	4	1970	0	2.4	10	1994	0	=
MAY	1	0.1	3	1979	3	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		/= :	Ō	0.2	1	5	0	=
SEP	0	0.0		'= ;	0	0.4	2	1973,74,84	0	=
ост	0	0.0		=	0	1.6	7	1992	0	=
NOV	0	0.7	5	1980	3	4.2	8	1979,85,87,91	0	1948,55,83,94,95
DEC	2	2.1	8	1962,70	- 6	3.9	10	1979,82,86,93	0	1964,68,75
YEAR	10	14.6	30	1962,63,70,79	20	25.7	50	1986	10	1964

		RAIN	DAYS(≥0.2mm	1)			ET	DAYS(≥1.0mm))	
MONTH	1997	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1997	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	191	31	1948	4	1992	8	28	1948	3	1992
FEB	18	26	1970,95	2	1959	14	23	1951	1	1965
MAR	9	27	1979	3	1961	5	21	1947	1	1961
APR	4	21	1983	3	1976	4	18	1966	1	1976,80
MAY	14	26	1981	2	1989	11	19	1981	1	1989
JUN	19	21	1991	3	1975,76	16	14	1987,91	0	1976
JUL	7	20	1960	4	1954,69,79,83	6	15	1950	2	1969,93
AUG	10	21	1963	1	1976	6	18	1992	1	1955,76
SEP	4 *	23	1950,52	4	1959	2 *	21	1950	2	1959
ост	14	28	1981	5	1965,78	10	24	1981	3	1978
NOV	25	27	1960	8	1978	20	25	1960	5	1988
DEC	20	28	1993	8	1991	19	26	1959	5	1991
YEAR	155	212	1960	138	1971	121	175	1960	96	1953

^{*} NEW RECORD

WIND SPEED

	MEAN SPE	ED (KNOTS)		NUMBER (OF DAYS OF	GALES		HIGHES	T GUST (KNO	TS)
MONTH	1997	AVERAGE 1961-90	1997	AVERAGE 1961-90	RECORD HIGHEST	YEAR	1997	DATE	RECORD HIGHEST	DATE
JAN	11.2	14.9	0	2.7	11	1984	37	21st	77	25/1990
FEB	14.2	14.0	3	1.6	10	1990	56	18th	69	9/1988,11/1990
MAR	9.2	13.0	0	1.1	6	1980	38	19th	70	10/1982
APR	10.8	12.2	0	0.3	2	1964,72,83,94 1954,55,58,62	35	28th	60	9/1994
MAY	12.8	11.3	0	0.1	1	1962,72,79,96	40	28th	58	19/1996
JUN	10.7	10.5	0	0.0	0	=	43	1st	51	16/1965
JUL	8.7	10.3	0	0.0	1	1956,69	28	26th	63	31/1983
AUG	7.7	10.3	0	0.1	1	1956,61,86	39	29th	52	26/1986
SEP	8.8	11.3	0	0.3	2	1953,65,74,83	27	12th	60	29/1962
ост	12.0	12.5	ä	8.0	4	1967,76	50	11th	81	16/1987
NOV	12.6	14.1	0	1.7	8	1977	48	8th	73	23/1984
DEC	13.0	14.9	0	2.3	9	1979	56	25th	83	15/1979
YEAR	10.9	12.4	4	11.1	20	1972	56	18th/2,25th/12	83	15/12/79

PERCENTAGE FREQUENCIES OF HOURLY MEAN WIND SPEED AND DIRECTION

	DIRECTION	23172227	020	050	080	110	140	170	200	230	260	290	320	SPEED
MONTH	RANGE SPEED	-010	-040	-070	-100	-130	-160	-190	-220	-250	-280	-310	-340	ONLY
	RANGE 0-3 knots	-	-	-	-	-	-	-			44	-		1.5
	4-10 knots	1.7	5.5	3.8	6.0	3,6	16.5	4.2	2.2	0.9	0.3		1.5	46.2
JAN	11-21 knots 22-33 knots		7.0	14.2 1.7	17.6	1.7	7.5	3.1	0.3	0.5	0.4			50.5 1.7
	≥34 knots													1 - 1
	DIRECTION ONLY 0-3 knots		12.5	19.8	23,7	5.4	24.1	5,2	2.4	1.5	0.7	-	1.5	1.3
	4-10 knots	1	0.1	0.1	0.1	0.9	3.1	7,1	8.8	3.1	3.0	0.7	0.9	29.5
FEB	11-21 knots 22-33 knots		0.7			1.0	1.6	12.2	22.5 2.4	10.7 5.1	6.0	1.6	0.6	57.4
	≥34 knots							0.1	2.4	3.1	4.0 0.1			11.6 0.1
	DIRECTION ONLY 0-3 knots		0.9	0.1	0.1	1.9	4,8	19.5	33.6	18.9	13.1	2.4	1.5	6.6
	4-10 knots		1.7	4.0	3.6	7.5	8.7	5.0	5.6	4.4	5.8	6.3	5.6	60.5
MAR	11-21 knots 22-33 knots			0.4	0.1		0.1	0.5	5.2	6.2	11.4	3,8 0.1	5.0	32.8
	≥34 knots													
	DIRECTION ONLY 0-3 knots		1,7	4.4	3.8	7.5	8.9	5.5	10.9	10.6	17.2	10.2	10.6	4.4
	4-10 knots	1 202	6.4	10.0	3.3	1.5	3,9	2.9	2.2	0.8	3.1	2.8	5.8	48.6
APR	11-21 knots 22-33 knots		1.8	21.0 0.4	5.0		0.3		0.7	5.4 0.6	6.5 1.3	2.9	0.7	44.7 2.2
	≥34 knots										1.0			2.2
	DIRECTION ONLY 0-3 knots		8.2	31.4	8.3	1.5	4.2	2.9	2.9	6.8	10.8	5.7	6.5	2.0
	4-10 knots	0.4	2.4	5.8	4.2	3.5	3,2	5.2	3.6	2.0	3.8	2.0	8.0	37.0
MAY	11-21 knots 22-33 knots	8.5	0.8	16,8 6,7	6.3 0.1	0.4	0.5	3,0	8.2	7.1	7.4 0.3	1.2	1.5	53.6 7.4
	≥34 knots) KASE
	DIRECTION ONLY 0-3 knots		3,2	29.3	10,6	3.9	3.8	8.2	11.8	9.1	11.4	3.2	2.3	3.9
10.000	4-10 knots	3.7	4.4	5.8	2,1	2.1	5.7	4.7	7.2	6.4	3.7	2.1	3.2	51.3
JUN	11-21 knots 22-33 knots		1.5	5,6 1.3	1.4	0.4	1,5	3.6	3,3	7.4	9.0	3.5	1.0 0.4	43.2
	≥34 knots		180.85											
	DIRECTION ONLY 0-3 knots		6.0	12.6	3,5	2.5	7.2	8.3	10.6	13.7	12.8	5.6	4.6	4.7
	4-10 knots	3,6	7.1	8.3	3.1	2.0	1.9	2.0	4.3	7.7	9.4	9.7	6.5	65.6
JUL	11-21 knots 22-33 knots	1	0.4	4.8					2.2	6.3	11.6	2.8	1.6	29.7
	≥34 knots			17272	2.	2.2			5.50	0.000	25.5	125		
	DIRECTION ONLY 0-3 knots	2-1,500	7.5	13.2	3.1	2.0	1.9	2.0	6.5	14.0	21.0	12.5	8.1	14.2
****	4-10 knots		6,0	5.4	3.1	5.5	3.9	4.7	5.8	7.7	8.3	5.5	5.4	63.6
AUG	11-21 knots 22-33 knots			0.4	2.0	0.8	1.3	1.5	2.6	6.0 1.3	5.2	0.9		20.8 1.3
	≥34 knots			50	:63						40.0			200-
	DIRECTION ONLY 0-3 knots	-	6.0	5.8	5.1 	6.3	5.2	6.2	8.3	15.1	13.6	6.5	5.4	13.5
SEP	4-10 knots 11-21 knots		5.6	4.4	3.6	2.6	4.4	2,8	3,2	3.2	5,0	10.3	3.5	50.8
SEP	11-21 knots 22-33 knots		1.0	11.9	8.5	0.1	8.0	1.9	0.8	3.5	3.6	2.9	0.6	35.7
	≥34 knots DIRECTION ONLY		6.5	16.4	12.1	2.8	5.3	4.7	4.0	0.7				
	0-3 knots		-			2.0		4.7	4.0	6.7	8.6	13.2	4.0	3.6
OCT	4-10 knots 11-21 knots	100000000000000000000000000000000000000	1.9 1.2	3.6 3.8	7.4 13.2	6.0 6.3	4.0 2.8	1.3 1.3	1.3 5.0	1.9 3.4	2.0 3.1	3.5 3.2	5,4 3.0	40.6 47.8
==:	22-33 knots		1.5	0.8	1.3	0.0	2.0	0.3	1.5	2.7	1.1	3.2	0,3	7.9
	≥34 knots DIRECTION ONLY	F10 F10	3,1	8.2	21.9	12.4	6.9	3.0	7.8	7.9	6.2	6.7	8.6	
	0-3 knots	-	.=		=	==		-	:		:-:			5.4
NOV	4-10 knots 11-21 knots		0.8	1.5 0.3	3.2 4.7	1.8 2.1	2.8 13.7	4.7 9.2	6.0 13.9	2.5 8.9	1.9 4.7	1.3 2.6	0.7	29.2 61.8
	22-33 knots						0.1	0.1	1.3	1.4	0,6	0.1	0,0	9150
	≥34 knots DIRECTION ONLY	III area	3.1	1.8	7.9	3.9	16.7	14.0	21,1	12.8	7.2	4.0	1.5	
	0-3 knots		Via:		-	-	=	-	-	-	Λ=:	-		4.7
DEC	4-10 knots 11-21 knots	0.00	3.9 1.5	1,6 2.0	1.2 2.7	2.3 3.9	6.9 7.7	2.3 6.3	4.0 12.0	1.5 6.7	1.1 4.2	1.7 4.8	1.9 1.7	30.2 56.3
	22-33 knots		H	1.7	2.0			0.7	0.5	3.0	0.4	0.4		8.7
	≥34 knots DIRECTION ONLY		5.4	5.4	5.9	6.2	14.5	9,3	16.5	11.2	5.6	7.0	3.6	
	0-3 knots	-	***	**				-		-	-	-	_	5.5
YEAR	4-10 knots 11-21 knots	130 375	4.0 1.4	4.6 6.8	3.4 5.2	3.3 1.4	5,5 3.2	3.9	4.5 6.3	3.5 6.0	4.0 6.1	3.8 2.5	3,4 1.4	46.2 44.4
	22-33 knots	(0.02)	mastr.	1.1	0.3	nes##	(0.01)	0.1	0.5	1.1	0.6	0.1	0.1	3.8
	≥34 knots	1	l	l .	I	I	I	1	I	l .	(0.01)	1	I	I

REPORT FOR ROCQUAINE

			TEMPERA	TURE °C				RAINFALL mm		MEAN	CLOUD
MONTH	MEAN MAXIMUM	HIGHEST MAXIMUM	DATE	MEAN MINIMUM	LOWEST MINIMUM	DATE	TOTAL	WETTEST DAY	DATE	RH% AT 9 a.m.	OKTAS AT 9a.m.
JAN	7.0	12.4	25th	3.3	-3.2	8th	26.4	6.8	22nd	85.8	5.9
FEB	10.9	13.0	23rd	6.8	1.3	1st	74.8	8.9	4th	85.9	6.4
MAR	13.0	18.3	11th	7.5	4.0	22nd	21.6	14.0	3rd	87.9	5.1
APR	14.7	21.5	10th	6.8	2.2	21st	20.7	7.7	25th	70.5	4.4
MAY	17.4	24.7	2nd	9,9	3.2	7th	34.3	6.9	20th	75.6	4.9
JUN	18.1	22,0	5th	12.4	9.6	2nd	94.7	14.5	1st	82.8	5.9
JUL	20.5	26.3	29th	13.4	10.9	2nd	17,9	5,3	2nd	80.5	5,0
AUG	22,8	27.8	10th	16.2	13.8	7th	48.2	15.9	24th	86.5	6.8
SEP	21.0	23.7	19th	13.7	11.0	10th	3.7	2.1	12th	76.8	4.5
ост	16.9	21,8	1st	11.4	2.0	29th	97.3	31.4	8th	79.5	5.0
NOV	13,6	16.1	4th	9.8	5.0	3rd	196,3	22.2	27th	80.5	5.7
DEC	11.2	14.5	10th	7.3	1.0	17th	108.8	15.8	1st	80.7	6.1
YEAR	15.6	27.8	10th/8	9,9	-3.2	8th/1	744.7	31.4	8th/10	81.1	5.5

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METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JANUARY 1997

DAY	DATE	BAROMETER							WIN	ID		RAIN	SUN		
		mb		AIR		GRASS	S	OIL	DIR'N	SF	EED(kno	ots)			WEATHER
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
WED	1	1016.8	-0.3	-2.6	-1.5	-3.4	4.2	<u>7.3</u>	070	21	18.7	35	TR	0.1	Ocnl hvy snow & fog early. Snow shwrs, Blowing snow, haze
THU	2	1019.2	1.1	-2.6	-0.8	-4.0	3.8	7.2	070	10	13.2	27	TR	0.2	Cloudy, haze. Tempo fair mid a.m. Slt snow shwr p.m.
FRI	3	1010.4	1.5	0.0	8.0	-1.0	3.6	6.9	040	15	15.3	27	TR	NIL	Cloudy, haze
SAT	4	1008.0	1.8	0.1	1.0	-0.5	3.2	6.6	010	09	9.4	21	1.1	NIL	Cloudy, haze. Sleet or snow grains from mid a.m.
SUN	5	1010.7	2.7	0.0	1.4	0.4	3.2	6.6	030	14	13.2	27	2.5	NIL	Cloudy, drzl bec sleet. Drzl. Ice pellets early p.m. Snow
MON	6	1017.5	2.1	-0.5	8.0	-1.1	3.0	6.4	100	13	10.9	22	TR	NIL	Cloudy, haze. Sit rain early.
TUE	7	1019.2	2.1	-3.1	-0.5	0.0	3.0	6.2	090	10	11.5	27	TR	NIL	Cloudy slt drzl early. Snow grains evng
WED	8	1008.1	<u>-0.5</u>	<u>-4.5</u>	<u>-2.5</u>	-4.5	2.8	6.1	100	16	13.7	27	0.2	NIL	Cloudy, haze. Snow grains late a.m. Snow late p.m.
THU	9	1005.1	2.8	-0.7	1.1	-1.3	2.3	5.9	020	09	8.6	21	0.4	NIL	Snow & haze early, bec sleet. Rain & drzl late a.m. Haze
FRI	10	1018.3	5.2	2.8	4.0	1.7	2.7	5.7	100	07	7.6	20	1.6	NIL	Cloudy, sleet or snow grains mid a.m. bec drzl. Haze late a.m.
SAT	11	1021.3	7.7	4.2	6.0	3.6	3.5	5.6	160	13	11.2	22	2.4	NIL	Cloudy, haze bec drzl & fog mid am Tempo thick fog .m Hvy drzl
SUN	12	1025.7	7.4	5.7	6.6	<u>6.0</u>	4.7	5.6	150	09	8.7	15	0.2	NIL	Thick fog early & from mid a.m. Drzl early. Tempo mist p.m. Drzl
MON	13	1024.0	9.0	5.0	7.0	1.9	5.1	5.8	150	09	8.8	16	NIL	7.7	Fine, dew early bec fair. Dry air p.m.
TUE	14	1020.1	7.7	3.0	5.4	0.0	4.7	6.0	140	08	8.9	19	NIL	7.9	Fine bec hazy
WED	15	1020.8	7.6	4.7	6.2	1.1	4.5	5.9	150	09	8.1	19	TR	7.5	Fine, haze. Dew early & late
THU	16	1016.0	8.5	5.5	7.0	3.0	4.6	6.0	140	11	11.4	24	1.0	5.5	Fine, haze. Dew early. Tempo cloudy early p.m. Dew evng
FRI	17	1007.5	10.2	7.1	8.7	4.8	5.0	6.0	180	12	11.2	25	TR	1.5	Fine bec cloudy. Rain mid a.m. Cloudy bec fair p.m. Dew later
SAT	18	1014.9	8.7	6.3	7.5	5.1	5.8	6.1	160	11	12.4	30	2.5	NIL	Fair to cloudy. Thick fog late am & early pm Hvy rain late evng
SUN	19	1004.4	9.7	6.2	8.0	2.9	6.0	6.1	150	08	8.5	24	0.1	2.5	Cloudy bec ocnl fair. Dew early. Haze p.m. Ocnl fine evng, dew
MON	20	1020.9	7.9	5.6	6.8	4.5	6.3	6.4	050	12	14.2	31	TR	NIL	Cloudy bec misty. Sit rain a.m. Cloudy. Sit shwr evng
TUE	21	1023.7	6.3	3.5	4.9	2.8	5.8	6.4	070	24	19.2	<u>37</u>	6.2	2.5	Cloudy. Ocnl fair late am & early pm Bec haze. Hvy rain late evng
WED	22	1012.5	9.0	4.3	6.7	3.5	5.6	6.5	170	07	9.7	23	5.9	NIL	Cloudy, mist. Fog patches, rain late a.m. Hvy rain evng. Fine later
THU	23	1020.7	9.1	5.1	7.1	-1.1	6.1	6.5	300	02	6.2	17	0.1	3.1	Fine, dew. Ocnl cloudy. Cloudy early p.m., tempo haze.
FRI	24	1025.6	9.5	4.6	7.1	-1.1	5.9	6.5	140	04	5.3	12	TR	3.7	Fine, mist & dew. Fog patches, shallow fog. Ocnl fine. Thick fog
SAT	25	1029.9	9.3	6.0	7.7	5.4	6.0	6.5	080	07	8.0	18	TR	0.5	Mainly cloudy. Ocnl fog a.m. Thick fog evng
SUN	26	1029.4	8.8	4.6	6.7	4.5	6.4	6.6	110	07	10.3	21	NIL	5.7	Thick fog, bec fine late a.m. Fog patches later
MON	27	1034.4	7.5	3.5	5.5	1.8	6.2	6.7	030	07	7.7	18	TR	6.0	Cloudy, haze early. Fair late am. Tempo fine early pm, bec cloudy
TUE	28	1039.7	7.5	5.0	6.3	4.0	6.1	6.7	040	11	11.8	23	TR	1.2	Cloudy, sit rain early. Ocni fair late am. Cloudy pm, sit shwrs
WED	29	1039.0	5.6	2.6	4.1	1.8	6.0	6.7	070	15	15.4	27	NIL	6.8	Cloudy bec fair or fine. Cloudy late evng, haze
THU	30	1035.5	4.9	2.0	3.5	0.5	5.5	6.7	100	13	14.0	25	NIL	5.7	Cloudy, ocnl fair early, haze. Fair late am. Cloudy by evng. Haze
FRI	31	1032.3	3.0	0.5	1.8	0.5	5.1	6.7	100	15	13.0	23	0.1	0.6	Mainly cloudy, haze
	MEAN	1020.4	F 0	0.7	4.2	4.0	4.7	0.4		40.0	44.0	TOTAL	04.0	20.7	010141174110 47 0000
	MEAN	1020.4	5.9	2.7	4.3	1.3	4.7	6.4	E	10.9	11.2	TOTAL	24.3	68.7	SNOW LYING AT 0900
20.1	EAR AVE.	1016.2	8.1	4.4	62	2 -	6.4	7.0	W	14.7	44.0	1779999	00.0	E0.0	1st 8cm 4th 3cm
30 1	1961-90	1010.2	0.1	4.4	6.2	2.5	0.4	7.8	· VV	14.7	14.9	11111	96.3	52.6	2nd 7cm 5th 1cm
EV	REMES	NUMBER	RAIN	WET	ONOM	1180	TUNDED	LOUTNO	- 415	onounc					3rd 4cm
	ARE IN	OF DAYS	2002010000		SNOW	HAIL	IHNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	LD TYPE	WITH	≥0.2mm	≥1.0mm 8	SLEET	5	0	0	FROST 6	FROST 9	0	9a.m.	- 0	SUN	TOTAL O FOR MEAR TO DATE
- 50	III L	*********	1 1	0	REC	ORDS F				J	8	3	0	13	TOTALS FOR YEAR TO DATE RAINFALL 24.3mm SUNSHINE 68.7hrs
WET	TEST DAY	32.3mm	DRIEST	MONTH	183124			-7.8°C	0.000.00	ST MNTH	8.5°C	SHINNIES	ST MNTH	97 2hre	RAIN DAYS 11 SUNLESS DAYS 13
40.400,	DAY/YEAR	5th/1959		YEAR	1992			20th/196		YEAR	1993	COMME	YEAR	1959	WET DAYS 8
	ST MNTH	190.4mm	HIGH	ST MAX	13.3°C			-10.0°C			1.5°C	DULLES	ST MNTH	26.0hrs	
A. S. Control 1. C. Str.	DAY/YEAR	1988	A1447,267,4163		4th/1948			29th/194		YEAR	1963	DOLLES	YEAR	1966	
<u> </u>									<u> </u>		, 500		· Artis	,555	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT FEBRUARY 1997

DAY	DATE	BAROMETER		TEM	PERATU	RE d	eg C			WIN	D		RAIN	SUN	
		mb		AIR		GRASS	S	OIL	DIR'N	SF	EED(kn	ots)			WEATHER
	[at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
SAT	1 2	1028.1 1026.2	7.5 8.7	<u>0.7</u> 5.2	4.1 7.0	0.0 -1.1	<u>4.6</u> 5.0	6.5 <u>6.4</u>	150 230	12 05	8.6 6.5	21 18	0.3 TR	NIL 0.2	Cloudy, haze. Rain or drzl mid a.m. Fog late a.m. Fine late p.m. Thick fog early. SIt rain, bec mist. Fog ptchs early p.m. Fine evng
MON	3	1030.3	8.0	2.9	5.5	-3.0	5.3	6.4	160	05	7.8	23	TR	4.8	Fine, sit hoar frost, dew. Sit shwr late a.m. Fair. Fog patches
TUE	4	1018.6	8.9	6.2	7.6	3.5	5.6	6.4	210	18	18.0	31	8.8	NIL	Cloudy. Rain late a.m., tempo hvy rain evng. Fog later
WED	5	1021.1	9.9	6.2	8.1	4.3	6.3	6.5	300	13	10.5	32	TR	8.5	Rain, drzl & fog. Bec fair or fine. Dew evng
THU	6	1027.5	9.1	7.0	8.1	2.6	6.4	6.5	180	13	11.8	24	0.2	0.1	Fair, dew bec cloudy. Mist late a.m. Rain & drzl early p.m.
FRI	7	1026.6	10.5	8.0	9.3	6.3	6.8	6.6	190	10	9.0	19	TR	0.1	Cloudy, tempo fair early. Slt drzl early p.m. Fog evng
SAT	8	1032.3	9.2	7.0	8.1	3.0	7.1	6.7	210	02	4.6	13	NIL	NIL	Cloudy, mist bec fine. Fog patches. Thick fog midday. Fog ptchs
SUN	9	1027.6	9.6	6.2	7.9	5.3	7.3	6.9	220	11	10.0	20	1.8	1.9	Cloudy. Fog patches mid a.m. Thick fog bec haze early p.m.
MON	10	1012.7	10.0	5.7	7.9	6.6	7.6	7.0	200	21	15.9	34	4.7	1.2	Cloudy, Rain from mid a.m. Hvy rain late a.m. Fine by evng
TUE	11	1021.0	10.0	6.2	8.1	2.1	7.0	7.1	210	12	15.6	33	8.5	NIL	Fine, dew bec cloudy. Rain late a.m. Hvy rain evng. Thick fog
WED	12	1012.0	10.4	8.3	9.4	<u>9.1</u>	7.5	7.2	210	20	19.9	39	6.6	NIL	Drzl & fog patches then mist. Rain & drzl early p.m. Fog patches
THU	13	1006.6	8.9	3.3	6.1	1.0	7.7	7.3	280	32	23.5	54	7.5	6.2	Fair, hvy shwrs. Hail mid a.m. Gale a.m. Tempo fine. Rain late p.m.
FRI	14	999.6	10.1	5.1	7.6	4.3	7.1	7.4	170	05	12.7	34	6.1	0.1	Cloudy, rain & drzl. Tempo fog patches
SAT	15	1023.0	9.3	4.5	6.9	1.0	7.0	7.4	320	09	9.7	25	NIL	9.0	Cloudy bec fine. Cloudy evng
SUN	16	1015.2	9.6	5.5	7.6	2.9	6.6	7.3	160	17	15.6	34	3.7	3.2	Cloudy. Rain late a.m. Bec fair p.m. Fine evng. Hvy shwrs later
MON	17	1015.8	9.7	7.2	8.5	5.2	6.9	7.2	200	14	16.9	36	9.4	NIL	Fine bec fair then cloudy. Rain p.m. Hvy rain evng
TUE	18	1010.4	10.0	3.9	7.0	5.6	7.5	7.3	250	27	22.5	<u>56</u>	1.4	5.7	Rain & mist. Fog patch early. Shwrs, hail. Tempo gale. Ocnl fair
WED	19	1022.7	10.8	5.7	8.3	2.3	6.9	7.4	170	17	18.6	53	1.8	NIL	Fair bec cloudy. Rain or drzl p.m. Gale evng. Shwrs
FRI	20 21	1025.5 1025.5	10.0 10.0	7.5 8.5	8.8 9.3	4.5 7.2	7.2 7.5	7.3 7.3	220	14	15.7	32	TR	0.7	Shwr early then fine bec fair to cloudy. Tempo slt rain
SAT	22	1023.3	10.3	8.5	9.3	7.8	7.9	7.5	240 190	18 09	15.3 8.1	30 19	TR TR	0.0 2.0	Cloudy. Tempo fine early. Tempo slt drzl p.m., mist
SUN	23	1011.9	11.7	8.0	9.9	6.4	8.0	7.5	190	14	14.9	32	6.1	4.1	Cloudy, sit rain or drzi early. Ocni fair p.m.
MON	24	999.0	11.2	6.5	8.9	5.1	8.3	7.7	220	19	20.9	45	3.7	2.2	Cloudy, slt drzl mid a.m., bec fair. Hvy rain evng
TUE	25	997.5	11.3	8.4	9.9	8.1	8.5	7.8	240	21	21.9	38	3.3	0.1	Rain & drzl. Ocnl fair, shwrs. Rain & drzl evng. Rain early. Cloudy, haze. Slt shwrs. Hvy shwr evng. Fine later
WED	26	1011.2	9.8	5.1	7.5	6.0	8.2	7.9	240	18	20.0	39	0.5	5.0	Fair or fine, slt shwr early. Hail shwr late a.m. Fair bec fine
THU	27	1033.6	10.9	5.0	7.9	-0.4	7.8	8.0	190	11	10.8	28	NIL	5.7	Fine, dew bec fair ocni cloudy
FRI	28	1025.1	11.1	8.0	9.6	5.0	7.9	8.0	210	12	11.0	23	0.7	0.2	Fair, dew bec mainly cloudy. Rain, drzł & fog p.m.
	MEAN	1019.1	9.9	6.1	8.0	4.0	7.1	7.2	sw	14.3	14.2	TOTAL	75.1	61.0	
1.0011.000.001	AR AVE. 1961-90	1015.6	7.8	4.0	5.9	1.1	6.2	7.2	E	14.0	14.0	11111	79.3	79.1	
	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	RE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	
BOL	D TYPE	WITH	18	14	0	3	.0	1	0	3	14	2	3	- 8	TOTALS FOR YEAR TO DATE
						ORDS F	ROM JA	NUARY 1	947						RAINFALL 99.4mm SUNSHINE 129.7hrs
7.5	EST DAY	59.0mm	DRIEST	MONTH	4.8mm			-7.2°C			9.0°C	SUNNIES	HTMM T	140.9hrs	RAIN DAYS 29 SUNLESS DAYS 21
	AY/YEAR	18th/1978		YEAR	1965			21st/'48,7		YEAR	1990		YEAR	1959	WET DAYS 22
	HTMM T	182.8mm		EST MAX	15.0°C			-11.1°C			1.5°C	DULLES	HTMM T	36.1hrs	
DA	Y/YEAR	1978	D/	AY/YEAR	29th/194	3 D/	AY/YEAR	12th/197	8	YEAR	1986		YEAR	1976	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MARCH 1997

			TEMPERATURE				eg C			WIN	D.		RAIN	SUN	
		mb		AIR		GRASS	sc)IL	DIR'N	SP	EED(kno	ots)			WEATHER
	1	at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
	ſ														
SAT	1	1026.0	11.2	7.0	9.1	4.1	8.2	8.0	170	07	10.2	22	0.3	3.7	Thick fog bec fair. Tempo cloudy p.m. Drzl & fog. Fair
SUN	2	1019.2	11.0	8.4	9.7	8.8	8.6	<u>7.9</u>	210	15	12.0	31	0.6	0.5	Cloudy, Rain & drzl mid a.m., Thick fog & drzl midday, Rain evng
MON	3	1031.0	10.0	7.2	8.6	5.4	8.7	8.1	110	09	6.5	19	<u>14.5</u>	NIL	Cloudy. Rain & drzl late a.m. Fog early p.m. Mod rain. Fog patches
TUE	4	1024.2	10.4	7.1	8.8	8.5	8.6	8.2	170	06	11.6	25	1.5	NIL	Cloudy, rain. Hvy rain late a.m. Fog. Hvy rain early p.m. Drzl
WED	5	1028.0	10.0	6.9	8.5	4.8	8.5	8.2	230	10	10.8	24	2.9	0.1	Cloudy, Drzl p.m. Tempo rain, drzl & thick fog
THU	6	1032.1	10.7	6.8	8.8	4.7	8.6	8.3	060	11	7.4	17	TR	3.2	Rain, drzl & fog early, Ocnl fair, Shallow fog evng, Fine, haze
FRI	7	1029.7	10.8	6.9	8.9	3.5	8.7	8.4	170	07	5.1	17	NIL	NIL	Fine, haze & dew. Fog patches. Cloudy
SAT	8	<u>1034.7</u>	11.8	6.7	9.3	-0.2	8.9	8.4	330	03	4.4	11	NIL	0.3	Cloudy, fair by mid a.m. Cloudy again. Haze evng
SUN	9	1032.6	13.8	7.0	10.4	4.8	9.0	8.5	130	06	5.7	12	NIL	8.6	Cloudy, mist or haze bec fair then fine. Haze
MON	10	1032.1	15.6	8.4	12.0	2.7	9.2	8.5	140	06	7.3	16	NIL	10.0	Fine, haze. Dew early
TUE	11	1032.5	<u>15.9</u>	<u>10.0</u>	13.0	6.5	9.4	8.7	110	07	7.0	16	TR	9.6	Fine, haze. Slt dew early
WED	12	1030.5	12.8	8.3	10.6	4.0	9.6	8.7	300	13	9.6	19	TR	4.7	Fine, haze bec thick fog. Slt drzl. Fair p.m. Tempo mist.
THU	13	1033.0	9.6	5.7	7.7	0.0	9.4	8.8	230	04	6.0	16	TR	NIL	Fair, dew bec cloudy. Tempo fair late p.m.
FRI	14	1025.4	12.0	7.8	9.9	6.1	9.2	8.9	260	17	13.4	26	0.1	5.8	Fair bec cloudy. Fog patches drzl mid a.m. Fair late a.m. Fog evng
SAT	15	1028.4	11.9	9.1	10.5	8.9	9.7	8.9	280	14	13.1	24	TR	0.9	Fog & sit drzl. Ocni fair from late a.m. Sit drzl evng. Fog later
SUN	16	1031.6	9.7	7.9	8.8	8.1	<u>10.0</u>	9.0	280	08	8.7	17	TR	NIL	Fog. Ocnl thick fog & drzl. Fog patches p.m.
MON	17	1029.7	8.9	6.9	7.9	7.2	9.7	9.1	150	03	3.5	11	TR	NIL	Cloudy, Slt drzi late p.m.
TUE	18	1018.0	11.7	7.1	9.4	6.9	9.7	9.2	240	16	15.3	30	0.3	6.6	Cloudy, Tempo drzl a.m. Fog mid a.m. Bec fine p.m.
WED	19	1015.3	11.0	7.5	9.3	5.5	9.6	9.2	310	<u>18</u>	16.3	38	NIL	7.8	Fair bec cloudy, slt shwrs. Fair late a.m. Fine p.m.
THU	20	1023.3	11.0	3.8	7.4	<u>-3.3</u>	9.1	9.2	320	06	6.0	15	NIL	10.6	Fine, slt hoar frost mid a.m. Cloudy late evng
FRI	21	1024.3	12.2	5.7	9.0	-1.6	9.2	9.2	030	05	6.0	16	NIL	9.9	Cloudy bec fair, dew. Shallow fog mid a.m. Fair
SAT	22	1027.4	10.8	6.4	8.6	3.3	9.1	9.2	150	08	7.3	14	TR	10.4	Fair or fine, dew early.
SUN	23	1014.4	11.7	7.7	9.7	5.0	9.4	9.2	280	18	15.0	30	1.0	4.0	Fair bec cloudy. Sit drzi mid a.m. Ocni fair p.m.
MON	24	1011.2	11.0	6.5	8.8	3.7	9.3	9.2	240	07	10.9	29	2.3	0.5	Fair bec cloudy. Ocnl rain or drzl. Fog patches a.m. Fair late p.m.
TUE	25	1019.9	11.5	5.7	8.6	2.0	9.1	9.3	290	07	8.2	17	TR	0.2	Mainly cloudy. Tempo fair early. Mist evng
WED	26	1019.0	10.4	8.3	9.4	7.0	9.7	9.2	200	13	12.4	26	0.5	NIL	Cloudy, mist early. Rain & drzl late a.m. Thick fog & drzl evng
THU	27 .	1023.5	11.3	9.4	10.4	8.4	9.8	9.3	240	10	14.1	31	TR	1.4	Thick fog. Tempo fair a.m. Cloudy. Fog patches. Drzl & fog evng
G.FRI	28	1026.6	10.4	6.3	8.4	4.0	10.0	9.4	330	18	14.7	28	NIL	11.7	Cloudy bec fine. Dry air p.a.
SAT	29	1029.9	10.2	4.9	7.6	1.7	9.3	9.5	350	11	6.5	15	NIL	11.5	Fine, slt dew early. Tempo fair
E.SU	30	1029.1	12.8	4.6	8.7	-3.2	9.1	9.4	170	03	3.7	11	NIL	10.8	Fine, slt hoar frost. Shallow fog mid a.m. Fair early p.m., bec fine
.MO	31	1027.3	14.5	6.7	10.6	3.7	9.7	9.4	160	05	5.8	11	NIL	11.7	Fine, slt dew early.
	MEAN	1026.1	11.5	7.1	9.3	4.2	9.2	8.9	SW	9.4	9.2	TOTAL	24.0	144.5	
	wan yere	CARAGE TO SE							,		40.0	Tipore	70.0	4040	
	AR AVE.	1016.1	9.2	4.7	7.0	2.5	7.1	7.5	W	13.3	13.0	11111	70.2	131.3	
	1961-90														
	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	RE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	
BOLD	D TYPE	WITH	9	5	0	0	0	0	0	4	15	5	0	7	TOTALS FOR YEAR TO DATE
						CORDS F									RAINFALL 123.4 mm SUNSHINE 274.2 hrs
WETTE	ST DAY	30.0mm	DRIEST	MONTH	2.7mm		EST MIN			ST MNTH		SUNNIES	HTMM T		
DA	Y/YEAR	28th/1960		YEAR	1961	D	AY/YEAR	10th/11tl	h/1958	YEAR	1957		YEAR	1973	WET DAYS 27
ETTES'	T MNTH	160.2mm	HIGH	EST MAX	19.4°C	LOWES	T GRASS	-9.4°C	COLDE	ST MNTH	4.4°C	DULLES	нтим т	67.4hrs	
DA	Y/YEAR	1947	D.	AY/YEAR	29th/196	5 D	AY/YEAR	3rd/1965	5	YEAR	1962		YEAR	1964	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT APRIL 1997

DAY	DATE	BAROMETER		TEM	PERATU	RE d	eg C			WIN	ID		RAIN	SUN	
		mb		AIR		GRASS	SC	OIL	DIR'N	SF	EED(kno	ots)			WEATHER
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
77.10		4004 5	40.0		0.0		0.0		0.40			40		-	
TUE	1	1024.5	13.2	4.6	8.9	-3.1	9.9	<u>9.5</u>	040	06	5.5	12	NIL	11.1	Fine, slt hoar frost early. Sea fog patches. Fog patches evng
WED	2	1022.1	13.9	2.9	8.4	-1.1	9.9	9.6	150	02	5.3	15	NIL	11.5	Fine, adj. fog early. Dew. haze. Sea fog evng. Fog patches
THU	3	1020.5	12.5	7.3	9.9	4.3	10.4	9.7	280	14	12.2	25	NIL	7.1	Fine, mist bec cloudy. Fair late a.m. Fine late p.m.
FRI	4	1030.8	10.6	6.5	8.6	3.5	10.3	9.8	340	10	9.3	18	NIL	11.2	Fine, tempo fair p.m. Dew late p.m.
SAT	5	1025.6	12.0	7.7	9.9	5.5	10.5	9.8	280	19	17.8	30	NIL	4.3	Cloudy, Gradu fair p.m., bec fine. Dew late evng
SUN	6	1026.4	14.4	8.2	11.3	6.5	10.5	9.9	020	07	10.7	24	NIL	7.6	Fine, dew bec cloudy with mist. Fair late a.m., bec fine p.m.
MON	7	1029.6	11.8	6.9	9.4	4.4	10.5	10.0	100	15	16.5	29	NIL	12.0	Fine bec fair. Dry air
TUE	8	1025.1	14.1	7.6	10.9	5.0	9.9	10.1	090	13	11.9	22	NIL	12.2	Fine bec fair. Dry air
WED	9	1027.1	<u>19.0</u>	10.0	<u>14.5</u>	6.5	10.0	10.0	130	06	6.0	12	NIL	11.7	Fine bec fair. Dry air
THU	10	1032.3	18.6	6.9	12.8	0.7	10.6	10.1	070	05	6.3	14	NIL	12.5	Fine, dry air
FRI	11	1029.4	14.0	6.9	10.5	-0.7	10.8	10.2	020	80	8.4	20	NIL	11.5	Fine, sit dew early. Fair late evng, haze bec cloudy
SAT	12	1032.0	9.8	5.2	7.5	3.2	10.8	10.3	050	08	9.3	20	NIL	11.2	Cloudy bec fair or fine, Dry air
SUN	13	1029.6	12.8	3.6	8.2	<u>-4.6</u>	10.4	10.4	320	04	4.0	13	NIL	12.5	Fine, slt hoar frost.
MON	14	1027.0	13.7	7.3	10.5	1.7	10.7	10.4	070	07	7.0	18	NIL	12.3	Fine, haze early. Tempo dry air. Haze by evng
TUE	15	1029.9	11.1	7.8	9.5	5.5	11.0	10.5	060	12	12.7	24	NIL	12.8	Fine, haze & dew. Tempo fair a.m. Fine p.m.
WED	16	1029.0	10.7	6.7	8.7	3.0	10.6	10.5	080	13	14.0	27	TR	11.7	Fine bec cloudy mid a.m., then fair. Fine p.m., tempo dry air
THU	17	1023,5	11.6	6.9	9.3	4.8	10.4	10.5	050	16	16.6	33	TR	7.1	Fine bec fair then cloudy. Very light rain a.m. Gradu fine p.m.
FRI	18	1022.6	12.0	7.0	9.5	4.3	10.3	10.5	060	14	13.2	25	TR	12.3	Fine, haze early.
SAT	19	1016.4	10.3	6.7	8.5	4.0	10.4	10.5	060	18	16.8	34	TR	7.2	Fine bec cloudy mid a.m., slt rain. Ocnl fair
SUN	20	1019.2	<u>8.7</u>	5.2	7.0	3.5	9.8	10.5	050	18	18.4	33	TR	9.5	Cloudy, dry air bec fair. Cloudy late a.m. Slt shwr early p.m. Fine
MON	21	1018.4	9.0	3.6	<u>6.3</u>	-0.3	9.3	10.4	020	09	8.0	19	TR	6.8	Fine bec cloudy mid a.m.
TUE	22	1017.2	11.5	3.2	7.4	-2.8	9.1	10.3	080	08	5.8	14	TR	3.6	Fine, sit dew bec mainly cloudy. Sit shwr early p.m.
WED	23	1020.3	13.0	7.7	10.4	4.0	9.9	10.3	160	07	5.6	13	NIL	11.2	Cloudy bec fair or fine. Dry air
THU	24	1019.6	15.0	7.5	11.3	1.7	10.5	10.2	210	10	5.7	17	3.1	12.4	Fair or fine, slt dew early. Dry air
FRI	25	1015.0	11.4	8.9	10.2	2.4	11.2	10.3	160	08	10.2	24	6.9	NIL	Fair bec cloudy. Rain mid a.m. Mod rain & fog. Thick fog midday
SAT	26	1009.0	12.3	9.5	10.9	7.7	11.0	10.5	150	11	11.3	27	7.4	0.9	Cloudy, fog patches. Hvy rain late a.m. Cloudy
SUN	27	1011.7	13.9	9.2	11.6	7.6	11.2	10.5	270	13	12.4	27	2.9	1.9	Cloudy, mist. Tempo fair p.m. Rain, drzl & thick fog evng
MON	28	1013.3	12.9	<u>10.5</u>	11.7	<u>10.5</u>	11.8	10.6	250	22	20.9	<u>35</u>	NIL	2.3	Rain, drzl & fog early. Ocnl fair p.m.
TUE	29	1019.2	14.6	9.6	12.1	8.9	11.8	10.7	290	18	15.6	30	NIL	7.5	Fair, ocnl cloudy. Fine late evng
WED	30	1027.1	16.0	7.5	11.8	3.5	12.0	10.8	060	06	5.5	13	NIL	13.8	Fair or fine, slt dew early. Dry air
	MEAN	1023.1	12.8	7.0	9.9	3.3	10.5	10.2	NE	10.9	10.8	TOTAL	20.3	269.7	
30 Y	EAR AVE. 1961-90	1015.6	11.0	6.0	8.5	3.5	9.2	9.0	NE	12.9	12.2	11111	51.4	182.9	in the second se
EXT	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDFR	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	RE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET	245 N=			FROST	FROST	11 25 22	9a.m.	500 110-00	SUN	
	D TYPE	WITH	4	4	0	0	0	Ö	0	6	6	1	0	1	TOTALS FOR YEAR TO DATE
				17.		55.5		NUARY 1							RAINFALL 143.7mm SUNSHINE 543.9hrs
WETT	EST DAY	23.8mm	DRIEST	MONTH	VAC-4312	resultanes w	EST MIN	W. S. F. W. S. C.	100000	ST MNTH	10.9°C	SUNNIE	ST MNTH	280.4hrs	RAIN DAYS 42 SUNLESS DAYS 29
	AY/YEAR	30th/1953	-,	YEAR	1980			11th/198		YEAR	1961	20.111.102	YEAR	1984	WET DAYS 31
	ST MNTH	130.4mm	нюн	EST MAX		LOWES				ST MNTH	6.4°C	DITTE	ST MNTH		
	AY/YEAR	1966			22nd/19	Victoria and a second		5th/1990		YEAR	1986	DOLLE	YEAR	1981	
U	MILLEAR	1900	U	THEAR	ZZ110/ 190	J# D	THEAR	201/1990	!	IEAR	1300		TEAR	1901	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT MAY 1997

DAY	DATE	BAROMETER		TEM	PERATU	RE d	eg C			WIN	ID		RAIN	SUN	
		mb		AIR		GRASS	S	OIL	DIR'N	SF	EED(kn	ots)			WEATHER
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
I															
THU	1	1028.9	18.7	9.3	14.0	4.6	12.5	10.9	120	07	9.2	20	NIL	13.5	Fine. Dry air late a.m.
FRI	2	1023.8	22.0	12.7	<u>17.4</u>	9.5	13.2	11.2	120	11	8.9	19	TR	13.9	Fine, haze early. Dry air
SAT	3	1016.7	18.0	12.7	15.4	10.5	13.9	11.3	290	12	10.3	24	1.9	2.1	Fine, dry air bec cloudy. Slt shwrs. Mist or haze. Fog patch later
SUN	4	1006.1	15.7	11.3	13.5	9.4	13.6	11.6	190	12	12.2	26	3.9	7.0	Cloudy, mist. Ocni rain & drzl. Fog patches. Fair p.m. Shwrs later
B.HO	5	991.5	15.2	10.1	12.7	9.5	13.7	11.7	180	12	11.6	24	5.6	4.7	Cloudy, hvy shwr early. Ocnl fair. Hvy shwr early p.m.
TUE	6	997.4	10.5	4.3	7.4	4.0	13.0	11.9	330	21	15.6	36	3.0	8.8	Cloudy. Rain & drzl. Tempo hvy rain. Ocnl fair. Shwrs. Hail evng
WED	7	1003.1	10.5	1.9	6.2	-3.3	11.5	11.8	240	08	11.1	29	1.9	9.8	Fine bec cloudy. Sleet shwrs mid a.m. Fair, dry air. Ice pellets
THU	8	1001.0	11.1	5.2	8.2	3.5	11.5	11.7	240	11	16.4	38	2.0	1.3	Cloudy. Hvy shwr early, ice pellets. Freq shwrs. Tempo fair evng
LIB.D	9	1000.9	13.0	6.8	9.9	5.0	11.2	11.5	280	17	16.2	28	0.2	13.5	Shwrs early bec fair or fine. Sit shwr late a.m. & late p.m.
SAT	10	1001.5	13.6	8.7	11.2	7.0	11.9	11.5	180	16	13.9	28	0.5	4.2	Fine bec cloudy. Rain mid a.m. Shwr midday. Ocnl fair p.m.
SUN	11	1003.8	14.4	9.1	11.8	6.5	12.0	11.5	210	17	14.6	34	0.3	9.4	Fine, dew early bec mainly fair. Slt shwrs
MON	12	1016.9	13.7	9.0	11.4	7.5	12.1	11.6	220	16	10.4	22	NIL	13.6	Mainly fine. Slt shwr mid a.m.
TUE	13	1019.6	13.7	9.5	11.6	7.4	12.7	11.5	190	09	6.8	15	TR	10.7	Fair or fine bec ocnl cloudy. Slt shwrs midday.
WED	14	1022.3	16.0	8.0	12.0	1.6	12.8	11.7	190	03	5.6	17	NIL	13.7	Fine, dew. Tempo shallow fog early.
THU	15	1017.5	18.0	11.0	14.5	8.9	13.7	11.9	100	15	12.9	25	TR	13.6	Mainly fine bec cloudy late evng. Fog
FRI	16	1013.0	17.9	10.1	14.0	9.6	13.8	12.0	050	08	5.3	17	3.7	1.3	Fog, ocnl thick. Slt rain mid a.m. Hvy late a.m., Inter slt rain p.m.
SAT	17	1010.2	17.4	11.9	14.7	7.4	13.7	12.3	070	09	5.7	15	1.0	1.4	Mainly cloudy. Ocnl fog. Tempo sit rain a.m. Fine spell early p.m.
SUN	18	1010.9	16.3	11.1	13.7	11.3	14.2	12.3	250	05	6.9	21	1.8	9.2	Thick fog early bec mainly fine p.m. Cloudy later, sit rain
MON	19	1002.5	16.8	12.0	14.4	10.3	14.8	12.5	150	14	11.1	31	1.0	5.7	Cloudy, inter sit rain. Tempo hvy rain. Fair late a.m.
TUE	20	1000.9	13.6	11.0	12.3	9.5	14.5	12.6	160	11	13.5	32	8.3	1.2	Cloudy, sit shwrs early. Mod shwrs late a.m. Rain & drzl. Hvy shwr
WED	21	1009.2	14.7	11.0	12.9	10.7	13.8	12.8	290	13	14.0	24	TR	3.3	Rain & mist early. Cloudy, tempo fair p.m. Haze evng bec mist
THU	22	1016.1	15.9	10.2	13.1	8.4	13.9	12.8	280	09	6.6	15	NIL	9.5	Mainly cloudy, mist. Fog patches early. Mainly fair from mid a.m.
FRI	23	1017.1	16.5	10.5	13.5	8.9	14.6	12.9	080	17	16.3	33	NIL	11.0	Cloudy bec fair
SAT	24	1022.6	14.0	9.3	11.7	7.8	14.1	13.1	060	<u>25</u>	24.0	39	NIL	12.6	Mainly fair
SUN	25	1027.0	15.1	9.4	12.3	6.9	13.5	13.0	060	19	18.6	34	NIL	13.9	Fine. Ocnl dry air p.m.
B.HO	26	1026.8	17.2	9.5	13.4	6.2	13.8	13.0	070	10	10.6	23	NIL	14.0	Fine,ocnl fair p.m. Dry air
TUE	27	1023.4	17.5	10.6	14.1	6.1	14.3	13.0	070	13	16.3	35	NIL	14.7	Fine. Ocnl dry air
WED	28	1026.6	14.2	9.5	11.9	7.7	14.2	13.1	070	20	22.1	40	NIL	12.0	Fine bec cloudy mid a.m. Fine again late a.m. Dry air
THU	29	1026.2	17.4	10.3	13.9	8.3	14.1	13.2	080	12	15.4	32	NIL	14.8	Fine. Dry air late a.m.
FRI	30	1025.0	19.4	13.0	16.2	10.1	14.5	13.2	070	14	16.0	27	NIL	14.7	Fair or fine. Tempo dry air
SAT	31	1021.0	18.0	12.1	15.1	9.3	<u>15.1</u>	13.4	050	14	19.8	37	NIL	14.5	Fine. Dry air late a.m.
	MEAN	1013.9	15.7	9.7	12.7	7.4	13.4	12.2	E	12.9	12.8	TOTAL	35.1	293.6	
															-
30 Y	EAR AVE.	1015.7	14.0	8.4	11.2	6.0	12.4	11.4	NE	12.2	11.3	11111	50.8	233.9	
	1961-90														
EX	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	
BO	LD TYPE	WITH	14	11	1	3	0	2	0	1	7	1	0	0	TOTALS FOR YEAR TO DATE
					REC	ORDS F	ROM JA	NUARY 1	947						RAINFALL 178.8mm SUNSHINE 837.5hrs
WET	TEST DAY	40.4mm	DRIEST	MONTH	4.1mm	LOW	EST MIN	0.1°C	WARME	ST MNTH	13.9°C	SUNNIES	HTAM T	336.4hrs	RAIN DAYS 56 SUNLESS DAYS 29
1	AY/YEAR	24th/1950		YEAR	1989	D.	AY/YEAR	2nd/1979	9	YEAR	1989		YEAR	1989	WET DAYS 42
ETTE	ST MNTH	128.7mm	HIGH	EST MAX	25.7°C	LOWES	T GRASS	-5.6°C	COLDE	ST MNTH	9.9°C	DULLES	HTMM TE	136.9hrs	
	AY/YEAR	1994	D.	AY/YEAR	5th/1995	D	AY/YEAR	The second second		YEAR	1984		YEAR	1981	
1															

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JUNE 1997

DAY	DATE	BAROMETER		TEM	PERATU	RE d	eg C			WIN	ID		RAIN	SUN	
		mb		AIR		GRASS	S	OIL	DIR'N	SF	EED(kn	ots)			WEATHER
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
SUN	1 2	1017.9 1011.6	15.6 15.4	11.7 9.0	13.7 12.2	10.0	15.0	<u>13.4</u> 13.5	050 070	<u>22</u>	<u>21.2</u> 11.6	43	9.0	14.3	Fine, tempo fair. dry air. Hvy shwr late p.m.
MON	3	1011.6	17.8	11.7	14.8	7.5 9.9	14.5 14.3	13.7	160	17 07	6.6	27 17	0.3 NIL	3.4	Cloudy. Tstorm & hvy rain early. Shwrs. Fair, haze evng
WED	4	1013.0	17.8	11.7	14.8	8.0	15.3	13.7	070	08	7.7	16	3.3	13.1 9.9	Fine, mist & dew. Drzl & thick fog mid a.m., bec fair. Fine p.m.
THU	5	1001.0	20.5	12.8	16.7	11.8	15.8	13.7	070	11	10.3	22	2.1	1.0	Fine, dew bec fair. Haze. Adjacent sea fog
FRI	6	1001.6	19.2	12.8	16.0	12.0	15.6	13.8	130	09	9.5	25	1.7	1.1	Cloudy, haze. Hvy rain mid a.m. Shwrs. Fog patch evng Cloudy. Rain early, thick fog. Tempo slt rain. Hvy rain evng
SAT	7	1005.3	19.3	13.8	16.6	12.5	15.7	14.0	160	12	9.5	24	0.1	10.0	Slt rain early, trick log, Tempo sit rain, my rain eving
SUN	8	1012.4	16.3	12.4	14.4	11.3	16.3	14.1	160	10	10.2	23	1.5	9.2	Cldy bec fine. Cldy again, shwrs late a.m. Fair bec fine p.m.
MON	9	1022.7	18.1	12.4	15.3	10.3	16.1	14.2	160	07	6.7	17	0.1	7.5	Cloudy, mist bec fair. Cloudy p.m. Slt shwrs or rain evng
TUE	10	1014.1	19.3	14.4	16.9	13.2	16.5	14.4	070	16	12.4	24	6.5	NIL	Cloudy, Rain late a.m. Mod rain p.m. Fair later
WED	11	1008.0	18.9	14.1	16.5	13.0	16.2	14.5	160	05	7.0	18	0.7	6.0	Bec cldy. Slt rain mid a.m. Tempo fine. Shwrs p.m. Fog late
THU	12	1008.6	17.2	13.0	15.1	13.0	16.6	14.6	200	08	7.5	19	10.4	2.0	Fog early, Rain/drzl & fog late a.m. Cldy. Hvy rain late p.m.
FRI	13	1007.1	16.5	12.5	14.5	12.5	16.4	14.7	200	05	7.2	15	2.2	1.5	Hvy rain early. Fog patches, Mist/haze late a.m. rain evng
SAT	14	1011.5	16.5	12.3	14.4	10.8	16.2	14.7	340	11	9.6	18	NIL	7.9	Cloudy. Drzl & fog patch mid a.m. Fair late a.m. bec fine
SUN	15	1019.0	17.0	11.7	14.4	7.4	16.5	14.8	280	02	3.7	10	NIL	8.3	Bec fair. Shallow fog mid a.m. Fair, tempo cldy midday
MON	16	1018.7	17.1	11.7	14.4	8.7	16.7	14.8	080	05	6.9	17	NIL	1.3	Fair bec cloudy. Tempo fair p.m.
TUE	17	1020.7	17.7	12.1	14.9	10.3	16.3	14.9	030	13	8.0	19	NIL	10.9	Fine, cloudy late am borng fair or fine again pm
WED	18	1020.1	17.2	11.5	14.4	6.6	16.6	15.0	230	07	5.6	14	3.2	6.8	Shallow fog ptchs. Fair ocnl cloudy. Fog ptchs late am.
THU	19	1009.0	14.9	11.1	13.0	11.4	17.0	15.0	230	11	11.9	30	11.0	2.8	Driz/rain early,rain mid mom,heavy pm.Fine evng.
FRI	20	1002.1	16.0	11.3	13.7	8.4	15.5	15.1	170	12	13.7	33	4.6	2.5	Rain/drizzle, clearing mid pm to fair periods and shwrs
SAT	21	996.3	15.5	11.5	13.5	9.5	15.3	15.0	240	19	17.5	31	0.2	13.4	Fair to fine with scattered showers.
SUN	22	1000.9	16.2	12.2	14.2	10.6	15.6	14.8	250	19	17.3	31	TR	5.7	Light shwr early,fair/fine bec cldy light shwr pm bec fine
MON	23	1012.0	16.3	12.5	14.4	11.0	15.6	14.9	280	13	13.7	24	NIL	3.1	Cloudy,sit rain early am
TUE	24	1018.7	16.5	11.5	14.0	9.5	15.8	14.8	270	11	10.7	21	11.6	7.9	Mainly cldy, with intermittent light rain late in the day.
WED	25	1002.3	15.5	11.9	13.7	10.8	16.2	14.9	190	16	14.7	32	3.6	0.2	Mainly cldy, occ heavy rain am, rain at times pm
THU	26	994.6	13.5	10.4	12.0	12.0	15.5	14.8	300	14	18.7	37	13.6	NIL	Overcast, outbreaks of rain, heavy at times.
FRI	27	999.2	12.8	10.5	11.7	10.0	14.3	14.8	010	16	15.8	31	3.4	NIL	Cloudy outbreaks of rain , moderate to heavy at times
SAT	28	1005.1	15.2	11.0	13.1	10.5	13.9	14.7	350	09	7.6	21	NIL	5.7	Cloudy am, with rain/dz, clrng to fair then fine eveng
SUN	29	1007.5	16.0	10.2	13.1	<u>1.6</u>	14.8	14.5	040	05	5.8	15	7.1	6.5	Shallow fog,cldy mid a.m.onwards,rain evng on,hvy at 2214
MON	30	1006.4	15.2	12.4	13.8	11.7	15.5	14.5	330	07	11.0	26	0.1	0.5	Cloudy with rain am
	MEAN	1009.5	16.7	11.9	14.3	10.2	15.7	14.5	S	10.9	10.7	TOTAL	96.3	162.5	
	AR AVE. 1961-90	1018.0	16.8	10.9	13.9	8.8	15.5	14.0	w	11.2	10.5	11111	46.4	239.3	
	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	RE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET	6,0000			FROST	FROST		9a.m.	MINER	SUN	
1.000.000.000	D TYPE	WITH	19	16	0	0	-1	1	0	0	10	0	0	3	TOTALS FOR YEAR TO DATE
		A SHORE THE ME					ROM JA	NUARY 1							RAINFALL 275.1mm SUNSHINE 1000.0hrs
WETT	EST DAY	46.8mm	DRIFS	MONTH			EST MIN	V. 400 at 200 at 41 at 110		ST MNTH	16.7°C	SUNNIE	ST MNTH	355.3hrs	RAIN DAYS 75 SUNLESS DAYS 32
- 1 - 1 - 1 - 1 - 1 - 1	AY/YEAR	16th/1970	5,3163	YEAR	1976		AY/YEAR			YEAR	1976	SSIMIL	YEAR	1975	WET DAYS 58
	ST MNTH	129.7mm	HIGH	EST MAX			TGRASS	-3.0°C		ST MNTH	11.3°C	DULLES	ST MNTH	U(-70)-	
	AY/YEAR	1986			26th/197		AY/YEAR			YEAR	1972		YEAR	1977	
-	- Company	7.555.ECE							7.	0.0000000				IN-SMITH	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT JULY 1997

DAY	DATE	BAROMETER			RE de	eg C			WIN	ID:		RAIN	SUN		
		mb		AIR		GRASS	SC	OIL	DIR'N	SF	EED(kno	ots)			WEATHER
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
TUE	4	1006.6	15.9	11.0	13.5	8.2	15.3	14.7	260	11	9.7	21	4.4	44.5	
WED	2		245	200	100 = 100		15.3	2.2000	280	09	9.7	22		11.5	Sit rain early, then cloudy bec fair. Fine p.m.
THU	3	1006.5 1009.8	13.1 14.5	10.4 11.0	11.8 12.8	6.2 9.6		14.6 14.7	240	10		24	7.3	1.7	Fair bec cloudy, Hvy shwrs a.m. Hvy rain early p.m. Shwrs
FRI	4	1017.0	16.6	10.7	13.7	7.4	<u>15.2</u>	0 5-51	290	08	10.2	.3=	2.2	0.6	Hvy shwr early, Inter rain or shwrs. Fine late p.m.
	5	1017.0	17.6	11.8	14.7	9.5	<u>15.2</u> 15.9	14.7	360	2.2	8.6	19	NIL	8.3	Fine bec cloudy. Rain, drzl or slt shwrs a.m. Fine p.m.
SAT	6		1010-111-11	11.3	15.4	5.9	16.8	14.7	230	07	8.4	17	NIL	14.7	Fair bec fine. Dew late evng
SUN	7	1031.1 1029.6	19.4 21.1	12.5	16.8	7.1	17.6	14.8 15.0	010	02	4.3 4.8	11	NIL	15.1	Fine, dew. Shallow fog early. Fine. Fog patch late p.m.
	8		2000011-00			0.00 mg - 0.000			Constant	2.3	1000000	13	NIL	15.1	Fog. Fine, shallow fog bec fair. Fine late p.m.
TUE	9	1025.5	24.1	14.0	19.1	11.5	18.2	15.2	100	07	8.2	19	NIL	<u>15.1</u>	Fine. Dry air late a.m.
WED	10	1020.9	21.5	14.7	18.1	12.9	18.4	15.5	070	08	11.5	25	NIL	15.0	Fine. Tempo dry air early p.m.
THU		1016.1	18.7	14.0	16.4	11.9	18.2	15.8	060	15	11.4	24	NIL	8.6	Fine bec cloudy. Fog, then cloudy. Haze. Fine p.m., haze
FRI	11	1016.4	17.4	12.4	14.9	7.1	17.8	16.0	150	03	5.3	14	NIL	2.8	Fine, haze & dew. Fog mid a.m. Mist or haze late a.m. Fine evng
SAT	12	1016.8	20.2	13.2	16.7	10.0	17.6	16.0	160	07	5.9	16	TR	8.6	Fog early bec fair. Gradu cloudy p.m.
SUN	13	1017.5	20.0	15.1	17.6	14.5	18.5	16.1	230	10	11.5	24	NIL	10.2	Cloudy. Tempo slt rain a.m. Fair late a.m. Fine p.m. Cloudy later
MON	14	1021.9	18.2	13.5	15.9	11.1	18.5	16.3	280	09	9.9	21	TR	12.2	Cloudy, Fair p.m. bec fine. dew later
TUE	15	1023.6	16.8	13.8	15.3	11.5	18.2	16.4	240	09	10.1	19	0.6	0.3	Fair, dew bec cloudy. Ocnl drzl. Fog patches, tempo thick fog
WED	16	1021.6	18,1	14.5	16.3	13.9	17.8	16.3	300	09	9.0	17	TR	3.5	Cloudy. Slt drzl early. Fair by evng. Fine later, dew
THU	17	1016.6	19.2	13.8	16.5	12.0	17.7	16.4	250	12	12.9	26	TR	6.4	Fine, dew bec drzl & fog. Cloudy gradu fair p.m.
FRI	18	1021.6	18.2	12.7	15.5	11.0	17.5	16.4	330	10	9.5	23	NIL	14.3	Fair to cloudy, bec fine. Dew late p.m.
SAT	19	1026.7	19.6	13.9	16.8	11.5	17.9	16.4	020	80	6.5	14	NIL	13.5	Fair or fine, dew. Mist mid a.m. Fine, fair late p.m., dew
SUN	20	1026.6	22.7	13.0	17.9	6.0	18.4	16.4	090	03	5.1	13	NIL	12.8	Fair, dew early. Dry air
MON	21	1023.9	21.5	15.0	18.3	11.6	18.6	16.5	080	80	8.5	16	NIL	14.8	Fair bec fine. Dry air late a.m.
TUE	22	1021.4	22.4	13.1	17.8	7.1	18.5	16.6	080	09	7.3	16	NIL	14.8	Fine. Dry air.
WED	23	1020.8	22.4	14.4	18.4	9.7	18.7	16.8	340	04	5.5	12	TR	12.7	Fine bec fair, tempo cloudy. Dry air, fine by evng.
THU	24	1016.8	17.1	15.0	16.1	11.1	19.0	16.8	230	10	11.1	23	3.1	0.5	Fair, dew bec cloudy. Haze then mist, Ocnl rain & drzl. Fog p.m.
FRI	25	1015.1	18.7	13.2	16.0	12.7	18.0	17.0	180	05	7.7	17	1.6	5.0	Fine bec cloudy. Rain mid a.m. Ocnl fog. Rain & drzl. Fine by evng
SAT	26	1018.7	18.0	14.2	16.1	12.5	18.0	16.8	190	09	12.6	28	TR	NIL.	Fair, dew bec fog. Ocnl thick fog
SUN	27	1021.2	20.7	14.9	17.8	<u>15.0</u>	17.8	16.9	290	80	7.4	21	NIL	10.0	Cloudy, slt rain or drzl early. Fine by midday
MON	28	1024.4	20.1	12.7	16.4	8,2	18.5	16.9	180	03	4.3	11	NIL	13.1	Shallow fog bec fog patches, then fair. Ocnl cloudy p.m.
TUE	29	1021.8	24.2	14.0	<u>19.1</u>	7.8	18.7	16.9	130	07	5.4	13	1.4	13.0	Fine, dew. Tempo cloudy mid a.m., bec fine. Dry air.
WED	30	1020.6	19.7	<u>15.3</u>	17.5	14.0	19.2	17.0	300	13	12.5	22	NIL	12.2	Cloudy. Rain, drzl & fog patch. Mod rain, bec fine mid a.m. Fair
THU	31	1021.2	19.5	14.5	17.0	12.5	18.8	<u>17.2</u>	280	14	<u>13.7</u>	24	NIL	5.6	Mainly cloudy a.m. mainly fair p.m.
	MEAN	1020.2	19.3	13.3	16.3	10.4	17.8	16,1	W	8.1	8.7	TOTAL	20.6	292.0	
	EAR AVE. 1961-90	1018.8	18.9	12.9	15.9	11.0	17.4	16.0	w	10.9	10.3	illii	37.3	251.2	
EXT	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
Complete Com	ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET	and the second second			FROST	FROST	203030	9a.m.		SUN	
	D TYPE	WITH	7	6	0	0	0	0	0	0	11	1	0	1	TOTALS FOR YEAR TO DATE
					REC	ORDS F	ROM JA	NUARY 1	947						RAINFALL 295.7mm SUNSHINE 1292.0hrs
WETT	EST DAY	59.0mm	DRIEST	MONTH	6.6mm	LOW	EST MIN	8.3°C	WARME	ST MNTH	19.4°C	SUNNIES	ST MNTH	335.9hrs	RAIN DAYS 82 SUNLESS DAYS 33
D	AY/YEAR	6th/1969		YEAR	1983	D	Y/YEAR	8th/1954		YEAR	1983		YEAR	1959	WET DAYS 64
ETTES	ST MNTH	120.2mm	HIGHE	ST MAX	31.7°C	LOWEST	GRASS	1.5°C	COLDE	ST MNTH	13.8°C	DULLES	ST MNTH	167.7hrs	
D	AY/YEAR	1960	D/	AY/YEAR	1st/1952	D/	Y/YEAR	4th/1984		YEAR	1954		YEAR	1972	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT AUGUST 1997

DAY	DATE	BAROMETER	TEMPERATURE deg C							WIN	V=		RAIN	SUN	
		mb		AIR		GRASS	S	DIL.	DIR'N	SP	EED(kno	ots)			WEATHER
ı		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
Severe			Sanat S			U.D.C.Desc	25500-	CHANGE		9000					
FRI	1	1017.7	20.1	15.0	17.6	13.3	18.5	<u>17.2</u>	270	15	14.6	26	TR	5.0	Fair or fine, dew. Cloudy late a.m. Sit rain & fog patches evng
SAT	2	1019.2	20.6	16.2	18.4	15.9	18.7	<u>17.2</u>	280	04	5.0	14	0.3	0.3	Fog, tempo thick Ocnl drzl. Adj fog p.m., bec fog evng
SUN	3	1016.5	21.1	15.6	18.4	15.4	19.0	<u>17.2</u>	110	07	9.3	22	0.1	1.3	Fog & drzl. Ocnl thick fog, Mist, slt rain late a.m. Tempo fair p.m.
MON	4	1014.0	24.1	16.7	20.4	16.0	18.9	<u>17.2</u>	100	07	6.1	20	0.9	7.6	Cldy. Thick fog mid a.m. Slt rain & mist.Fine late a.m. TS evng
TUE	5	1015.4	20.0	16.1	18.1	15.5	19.8	17.3	300	06	4.7	11	3.8	2.2	Fog & ocnl rain to mid a.m. Mainly cloudy. Thick fog late p.m.
WED	6	1013.1	22.4	15.8	19.1	14.4	19.6	17.5	270	<u>02</u>	3.7	08	TR	5.2	Thick fog. Rain mid a.m., tempo hvy rain. Cloudy bec fair p.m.
THU	7	1014.8	21.6	14.0	17.8	12.9	19.7	17.7	050	06	5.5	13	TR	4.0	Fine, fog patches & dew. Fair ocnl cloudy, adj fog
FRI	8	1018.6	22,1	16.7	19.4	16.4	19.9	17.7	310	02	4.0	12	TR	8.4	Mainly foggy, drzl. Bec fine p.m. Adj fog by evng. Mist, dew
SAT	9	1021.3	23.0	14.9	19.0	9.6	19.8	17.8	340	05	4.7	11	NIL	11.8	Fine, dew. Fog patch early. Tempo late a.m., fine. Adj. fog
SUN	10	1015.7	25.6	18.0	21.8	15.3	20.3	18.0	100	80	10.9	37	0.1	4.8	Fine, haze bec fair, Cloudy p.m. Slt rain early evng
MON	11	1014.9	24.1	17.2	20.7	14.9	20.1	18.0	250	07	5.4	21	TR	6.2	Cloudy slt rain early. Tempo fair a.m., gradu fine p.m. Mist & dew
TUE	12	1022.1	24.2	17.0	20.6	12.5	19.9	18.2	260	02	5.2	18	2.8	8.7	Fine bec fair. Mist mid a.m.Cloudy evng. Slt TS late p.m., slt rain
WED	13	1023.3	21.4	16.1	18.8	12.9	20.2	18.2	250	09	7.2	16	NIL	10.7	Hvy rain early, Ightng, Ocnt fog, tempo thick fog a.m. Fine p.m.
THU	14	1025.5	21.1	15.0	18.1	13.0	20.0	18.2	190	02	4.3	11	NIL	11.3	Cloudy, mist ocnl fog a.m. bec fair. Gradu fine p.m. Shallow fog
FRI	15	1023.0	23.3	14.5	18.9	9.4	20.1	18.3	030	05	5.0	13	NIL	12.2	Fair or fine. Shallow fog or fog early. Dry air late a.m.
SAT	16	1018.0	27.1	16.6	21.9	14.4	20.2	18.3	130	06	6.2	17	TR	10.3	Fine bec fair ocnl cloudy. Dry air late a.m. Cloudy late evng, Ightng
SUN	17	1018.8	23.0	16.6	19.8	15.2	20.7	18.4	320	07	7.6	16	NIL	9.2	Fair ocnl cloudy, Ightng early, fog patch mid a.m. Fair. Fine evng
MON	18	1019.3	22.2	17.0	19.6	14.0	20.6	18.4	230	05	4.3	10	NIL	7.0	Cloudy, mist then fog. Ocnl fair. Adj fog
TUE	19	1017.4	24.2	17.5	20.9	16.4	20.8	18.6	130	08	4.6	12	TR	1.3	Fair bec cloudy. Lighting early. Sit rain midday. Haze
WED	20	1017.1	24.7	18.6	21.7	17.7	20.9	18.7	190	08	5.4	12	NIL	10.6	Cloudy, slt rain early bec fair or fine. Haze. Thick fog late p.m.
THU	21	1019.7	22.1	16.7	19.4	12.9	21.0	18.8	240	10	9.4	21	TR	4.2	Thick fog. Cloudy, slt drzl. Tempo fair p.m.
FRI	22	1021.6	19.9	17.1	18.5	16.9	20.6	18.8	230	08	7.9	16	0.1	NIL	Cloudy bec thick fog. Slt drzl. Fog patches p.m. Fog
SAT	23	1016.9	22.6	17.4	20.0	17.2	20.3	18.8	200	06	6.2	16	0.1	3.7	Fog, conl thick fog a.m., drzl. Ocnl fine p.m. Mist & dew evng
SUN	24	1014.2	23.5	16.4	20.0	15.7	20.3	18.8	190	06	6.2	14	13.7	3.7	Cloudy, ocnl fog. Slt rain & drzl a.m. Ocnl fair p.m. Rain evng
в.но	25	1009.8	19.6	15.4	17.5	15.5	20.2	18.8	320	07	8.5	21	TR	8.5	Rain, ocnl hvy rain early, mist.Fair late a.m. bec fine
TUE	26	1012.9	19.9	15.0	17.5	12.5	19.4	18.9	200	10	8.3	20	6.0	5.6	Fine, dew bec cloudy. Ocnl fair
WED	27	998.5	19.6	15.3	17.5	14.1	19.3	18.7	240	11	10.2	32	0.8	7.1	Cloudy, hvy rain early. TS 0758, Fair p.m. Shwrs late p.m. TS
THU	28	997.6	17.6	13.7	15.7	11.9	18.8	18.7	210	15	17.6	37	4.2	3.6	Shwrs early, Ightng bec fair. Cloudy, shwrs late a.m. & p.m.
FRI	29	1012.3	19.0	14.0	16.5	11.1	17.5	18.5	250	16	15.3	39	9.7	5.7	
SAT	30	1010.7	18.6	15.7	17.2	13.9	18.0	18.4	260	21	12.6	37	0.3	5.0	Fine bec cloudy, shwrs, Ocnl fair, Hvy shwr late a.m. Fair p.m. Rain & drzl, fog patches early. Ocnl fair from late a.m. Drzl evng
SUN	31	1008.7	21.3	16.0	18.7	15.1	18.4	18.1	150	09	13.1	33	TR	5.7	CONTROL OF THE CONTRO
Joon	91	1000.7	21.0	10.0	10.7	15.1	10.4	10.1	130	03	10.1	,555	EIX	55.7	Cloudy, slt rain early. Bec fair, fine midday. Cloudy
	MEAN	1015.8	21.9	16.1	19.0	14.3	19.7	18.2	W	7.7	7.7	TOTAL	42.9	190.9	
	1411—2 th 4	1010.0	21.0	10.1	10.0	14.0	13.1	10.2	3.8	1.4	6.44	IOIME	72.0	130.3	
30 YE	EAR AVE.	1017.6	19.0	13.4	16.2	11.0	17.5	16.7	w	10.9	10.3	11111	45.6	225.9	
50 11	1961-90	1017.0	10.0	10.1	19.2	11.0	11.0	10.7	300	10.5	10.5	37117	40.0	220.0	
EYT	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDED	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	RE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET	ERMIL	HANDER	LOHING	FROST	FROST	FUG	9a.m.	GALE	SUN	
	D TYPE	WITH	10	21.0mm	0	0	3	7	0	0	.04				TOTAL C FOR VEAR TO DATE
BUL	DITPE	AALLEL	10	U	(C)		ROM JA			U	21	5	0	1	TOTALS FOR YEAR TO DATE
10/5	COT CAUI	EE 0	DDIEG	MONTH			ras in shi	12/25/14/2007	576.00	OT MANUTE !	10 100	OUNT OF	age a ga sees a l	200 21	RAINFALL 338.6mm SUNSHINE 1482.9hrs
100000000000000000000000000000000000000	EST DAY	55.8mm	DRIEST	MONTH	3.8mm		EST MIN			ST MNTH	19.1°C	SUNNIES	ST MNTH		DESCRIPTION OF THE PROPERTY OF
	AY/YEAR	22nd/1973		YEAR	1955		AY/YEAR			YEAR	1995		YEAR	1955	WET DAYS 70
	ST MNTH	122.0mm	1111-1-1	EST MAX			T GRASS			ST MNTH	14.3°C	DULLES	ST MNTH		
D,	AY/YEAR	1951	D/	AY/YEAR	3rd/1990	D	AY/YEAR	11th/198	1	YEAR	1956		YEAR	1992	

METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT SEPTEMBER 1997

DAY	DATE	BAROMETER		TEM	PERATU	RE d	eg C			WIN	ID		RAIN	SUN	
		mb		AIR		GRASS	S	OIL	DIR'N	SP	EED(kno	ots)			WEATHER
1		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
MON TUE WED	1 2 3	1018.6 1021.1 1018.0	18.3 19.2 19.6	14.1 12.7 16.2	16.2 16.0 17.9	12.1 7.4 13.4	18.3 18.0 18.3	18.2 18.0 18.0	250 210 180	10 11 14	9.8 7.8 11.4	20 19 24	TR TR 0.9	9.8 10.2 <u>0.5</u>	Mainly fair. Funnel cloud & sit shwr mid a.m. Fine, dew bec fair. Sit shwr mid a.m. Tempo cloudy early p.m. Fair bec cloudy, ocnl sit rain.
THU	4	1019.6	18.0	14.1	16.1	14.0	18.2	18.0	290	09	8.1	17	NIL	11.1	Cloudy, drzl early bec fine. Tempo dry air p.m. Fair
FRI	5	1021.2	18.3	13.3	15.8	9.3	18.0	17.9	260	07	7.4	16	NIL	5.7	Fair, dew bec cloudy. Funnel clouds a.m. Gradu fair or fine p.m.
SAT	6	1026.7	18.6	12.7	15.7	10.0	17.7	17.9	290	09	9.1	17	TR	10.2	Fine, dew bec fair. Slt shwr late a.m.
SUN	7	1028.3	18.3	13.6	16.0	11.4	17.5	17.8	300	12	8.1	17	NIL	6.2	Fair bec cloudy. Fair again late a.m. Cloudy by evng
MON	8	1029.8	17.7	13.0	15.4	5.3	17.5	17.7	320	09	7.4	17	NIL	7.3	Cloudy bec fair, shallow fog. Cloudy p.m. Fine evng
TUE	9	1027.2	17.5	12.4	15.0	10.6	17.5	17.7	010	80	7.0	15	NIL	4.6	Fair bec cloudy. Tempo fair late a.m. Fine evng, dew later
WED	10	1024.8	19.4	12.1	15.8	7.5	17.0	17.6	100	<u>15</u>	11.7	23	NIL	11.7	Fine, dew early. Dry air late a.m.
THU	11	1011.3	18.9	14.5	16.7	12.9	17.1	17.6	160	09	12.3	23	1.6	6.2	Fair or fine, bec cloudy. Fair late a.m. Cloudy, rain evng
FRI SAT	12 13	1008.9 1018.1	17.7 16.3	12.9 12.0	15.3 14.2	12.2 8.7	17.0 16.2	17.4 17.4	240 310	14 14	15.0 12.2	27 26	3.9	2.7	Rain early. Mainly cloudy. Hvy shwr late a.m. Shwrs bec fine evng
SUN	14	1016.1	18.0	10.2	14.2	5.6	15.8	17.4	250	07	4.5	15	NIL NIL	<u>11.7</u> 9.6	Fair, ocnl cloudy early. Hvy shwr. Fair bec fine. Dry air late a.m.
MON	15	1025.4	18.5	11.8	15.2	3.3	15.9	17.1	200	11	4.8	15	NIL	7.0	Fair bec cloudy. Fair again. Dry air. Fine evng Fine, dew bec fair. Gradu cloudy p.m.
TUE	16	1020.1	20.0	11.9	16.0	4.1	16.0	17.0	140	07	5.0	14	NIL	11.4	Cloudy bec fair. Dry air p.m. Dew later
WED	17	1021.4	20.8	12.3	16.6	4.0	16.2	16.9	030	03	5.2	15	NIL	9.8	Fair, ocnl cloudy mid a.m. Shallow fog bec fine. Dry air late a.m.
THU	18	1021.7	24.1	17.0	20.6	13.7	16.9	16.8	170	07	5.5	14	NIL	10.8	Fine, dew. Adjacent sea fog from late am
FRI	19	1022.6	25.2	16.7	21.0	12.5	17.7	16.9	130	04	8.0	24	0.4	7.7	Fine, adj. fog bec fair ocnl cloudy. Haze. Tempo dry
SAT	20	1023.9	19.8	15.4	17.6	15.7	18.0	17.0	070	14	14.3	25	NIL	5.2	Fair, haze bec cldy. Lghtng & rain mid am. Fair late am. Fine evng
SUN	21	1022.8	20.0	14.8	17.4	12.2	17.4	17.2	100	12	10.6	19	NIL	7.0	Fine bec cloudy mid am. Fair or fine late am. Dry air
MON	22	1022.4	21.1	14.9	18.0	12.0	17.0	17.1	080	09	9.9	21	NIL	10.7	Fine, ocnl fair, Dry air
TUE	23	1023.6	20.3	14.5	17.4	12.2	16.9	17.0	070	12	11.9	24	NIL	10.5	Fine, dew bec haze. Tempo fair mid a.m.
WED	24	1024.2	19.0	14.5	16.8	12.2	16.9	17.0	060	14	14.8	25	NIL	9.9	Fine, haze & dew bec fair
THU	25	1024.5	18.7	14.0	16.4	11.5	16.8	17.0	060	14	13.9	24	NIL	9.8	Fine, dew. Ocnl haze
FRI	26	1024.4	19.3	14.0	16.7	11.9	16.7	16.9	060	13	9.7	21	TR	9.0	Fine, haze & dew bec mist. Tempo cloudy mid a.m. bec fair, haze
SAT	27 28	1018.1	18.7	14.0	16.4	11.2	16.7	16.8	030	06	7.9	15	NIL	2.2	Fine, mist & dew bec cloudy, haze. Tempo fair p.m
SUN	29	1016.5 1021.1	18.8 21.6	13.7 12.7	16.3 17.2	9.5 6.1	16.7 16.4	16.9 16.9	150	00 03	3.0 3.2	10 09	TR TR	3.5 5.8	Cloudy, haze bec fine shallow fog. Ocnl cloudy, haze
TUE	30	1026.2	20.5	10.5	15.5	5.5	16.5	16.8	320	04	3.3	09	0.1	7.3	Fine, shallow fog bec fog. Fair ocnl cloudy. Fog evng bec thick Fine, shallow fog bec thick fog. Fine late a.m. Thick fog late evng
	MEAN	1022.0	19.4	13.6	16.5	9.9	17.1	17.3	E	9.4	8.8	TOTAL	6.9	235.1	
	AR AVE. 1961-90	1017.7	17.5	12.5	15.0	9.8	15.9	16.0	W	11.8	11.3	11111	64.1	168.4	
	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
/ A = 500	REIN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	
BOL	D TYPE	WITH	4:	2	0	0	0	1	0	0	2	1	0	0	TOTALS FOR YEAR TO DATE
Sec.					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			NUARY 1							RAINFALL 345.5mm SUNSHINE 1718.0hrs
D,	EST DAY AY/YEAR	43.7mm 20th/1949		MONTH YEAR	7.3mm 1959	D	The state of the s	28th/197	4	ST MNTH YEAR	1949		ST MNTH YEAR	266.5hrs 1959	RAIN DAYS 96 SUNLESS DAYS 34 WET DAYS 72
	ST MNTH AY/YEAR	194.5mm 1952	SALES SE	ST MAX AY/YEAR	30.6°C 2nd/196		T GRASS AY/YEAR	-1.0°C 23rd/197		ST MNTH YEAR	12.8°C 1986	DULLES	ST MNTH YEAR	104.5hrs 1956	

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METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT OCTOBER 1997

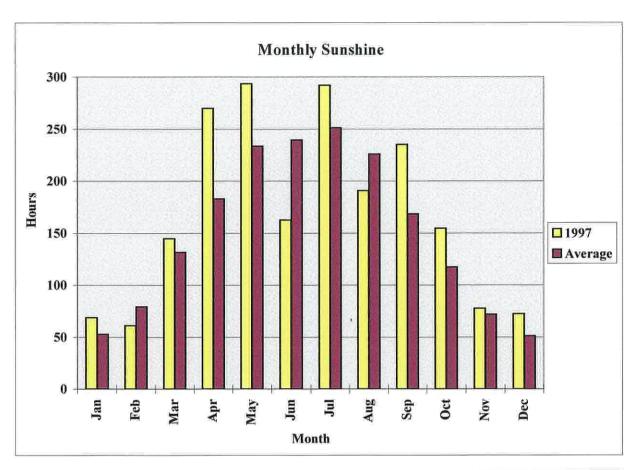
DAY	DATE	BAROMETER	TEMPERATURE deg C				eg C			WIN	D		RAIN	SUN	
		mb		AIR		GRASS	SC	OIL	DIR'N	SP	EED(kno	ots)			WEATHER
1		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
1		3.													
WED	1	1023.8	20.0	12.6	16.3	2.6	17.0	<u>16.8</u>	300	06	7.5	17	NIL	6.2	Fog, ocnl thick bec fair tempo fine. Cloudy evng, fog
THU	2	1020.6	18.7	13.7	16.2	14.7	17.3	16.7	300	06	5.2	16	NIL	4.3	Fog early. Cloudy fair early p.m. Shallow fog evng, dew
FRI	3	1021.9	18.8	12.6	15.7	6.1	16.7	16.8	030	04	4.5	11	NIL	8.1	Fine, dew. Shallow fog early. Cloudy by evng, fine later
SAT	4	1024.1	18.1	12.5	15.3	7.5	16.6	<u>16.8</u>	310	05	4.4	10	NIL	1.2	Fine bec cloudy. Fine evng, dew
SUN	5	1017.0	18.5	12.4	15.5	4.7	16.3	16.8	160	05	5.8	20	NIL	8.9	Fair, dew bec cloudy. Fair again. Fine p.m.
MON	6	1001.5	17.4	14.8	16.1	12.2	16.4	16.7	170	08	8.7	18	6.5	1.8	Fine, dew bec fair. Cloudy late a.m., shwrs. Ocnl slt rain
TUE	7	997.5	16.4	11.8	14.1	10.3	16.1	16.7	240	22	17.5	36	25.7	6.7	Rain. Hvy shwr mid a.m. Fair ocnl cldy, shwrs. Hvy rain later
WED	8	1001.9	18.0	13.2	15.6	11.9	15.9	16.5	180	16	21.0	40	34.4	NIL	Rain, ocnl mod or hvy. Mist. Tempo rain & drzl. Fog patch later
THU	9	1006.9	18.0	<u>16.5</u>	17.3	15.2	16.5	16.5	230	20	22.0	41	6.3	0.3	Rain & drzl early. Cloudy, slt shwrs. Slt rain late p.m.
FRI	10	1008.6	17.6	13.6	15.6	12.4	16.5	16.5	320	12	16.0	36	0.7	8.9	Rain & drzl, ecnl med or hvy bec fair mid a.m.
SAT	11	1007.3	16.7	13.0	14.9	10.8	16.0	16.5	200	15	18.9	<u>50</u>	2.6	0.1	Fine bec cloudy. Rain mid a.m. Rain & drzl. Fog patch early p.m.
SUN	12	1014.3	14.7	10.4	12.6	9.5	15.4	16.3	350	15	15.9	47	0.2	5.6	Cloudy, shwrs. Gale early.Fair late a.m.Tempo dry air. Sit shwrs
MON	13	1020.9	14.3	9.3	11.8	7.5	14.6	16.2	290	15	13.7	32	0.1	4.8	Cloudy, slt rain early bec fair. Dry air. Hvy shwr early p.m.
TUE	14	1028.7	12.5	7.5	10.0	1.7	13.8	16.0	340	06	7.6	26	5.1	3.9	Cloudy, ccnl. Dry air. Sit rain evng. Mod rain late p.m.
WED	15	1012.8	16.9	11.4	14.2	9.1	14.0	15.7	300	15	14.5	31	0.6	4.3	Hvy rain early bec rain & drzl. Mist. Cloudy
THU	16	1013.8	16.3	13.0	14.7	11.0	14.7	15.5	230	08	8.0	20	1.4	NIL	Cloudy, rain & drzl mid a.m. Fog patch late a.m. & p.m. Cloudy
FRI	17	1009.8	17.9	14.6	16.3	12.3	15.1	15.4	160	16	12.1	26	NIL	8.2	Cloudy, slt rain early bec fair. Fine late p.m.
SAT	18	1014.6	19.1	15.0	17.1	12.6	15.2	15.5	130	14	11.4	21	NIL	9.4	Fair or fine, slt dew early
SUN	19	1013.4	18.3	16.0	17.2	14.2	15.5	15.6	130	12	10.2	21	8.3	8.0	Fine bec fair then cloudy. Ocnl sit rain p.m.
MON	20	1009.8	16.7	14.6	15.7	13.6	15.5	15.5	070	17	17.3	35	8.2	NIL	Cloudy. Rain by mid a.m., ocnl hvy rain
TUE	21	1011.6	14.7	10.8	12.8	11.5	15.1	15.5	080	19	18.4	36	1.1	1.8	Cloudy, slt rain mid a.m. Haze. Ocnl fair p.m.
WED	22	1011.0	13.2	10.7	12.0	10.3	14.5	15.5	110	07	7.6	16	0.4	NIL	Cloudy, haze bec mist & drzl.
THU	23	1014.3	14.5	11.7	13.1	10.2	14.3	15.4	070	12	12.7	26	NIL	8.8	Cloudy, haze. Slt drzl early a.m. bec fine. Tempo dry air p.m.
FRI	24	1024.7	13.9	11.0	12.5	9.2	13.9	15.3	090	10	10.0	20	TR	1.5	Fair bec cloudy. Tempo fair a.m. Slt shwr p.m.
SAT	25	1028.8	12.5	9.9	11.2	7.0	13.5	15.1	120	09	9.8	22	NIL	9.4	Fair bec fine. Ocnl dry air
SUN	26	1024.7	13.2	9.4	11.3	6.7	12.8	15.0	110	11	11.8	22	NIL	9.4	Fine, dry air late a.m. bec fair
MON	27	1022.3	13.0	9.0	11.0	5.5	12.5	14.8	100	18	16.8	34	NIL	9.1	Fair or fine. Ocnl dry air
TUE	28	1027.4	11.1	6.2	8.7	3.4	12.0	14.5	080	21	19.0	34	NIL	9.6	Fine. Dry air
WED	29	1035.1	11.0	<u>5.1</u>	8.1	2.1	10.9	14.4	090	06	9.3	23	NIL	9.7	Fine. Dry air
THU	30	1032.0	11.8	7.0	9.4	-2.2	10.4	14.0	060	02	5.3	15	NIL	3.3	Fine, dry air bec cloudy ocnl fair
FRI	31	1031.4	14.1	8.4	11.3	2.4	10.5	13.6	060	111	9.4	20	NIL	8.5	Fine. Dry air late a.m.
	MEAN	1017.2	15.7	11.5	13.6	8.6	14.7	15.7	E	11.7	12.0	TOTAL	101.6	154.6	
1															
30 Y	EAR AVE.	1016.4	14.7	10.5	12.6	8.0	13.3	14.2	W	12.6	12.5	11111	84.9	117.2	
	1961-90														
EXT	REMES	NUMBER	RAIN	WET	SNOW	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	
ВО	LD TYPE	WITH	14	10	0	0	0	0	0	1	4	0	1	4	TOTALS FOR YEAR TO DATE
					REC	ORDS F	ROM JA	NUARY 1	947						RAINFALL 447.1mm SUNSHINE 1872.6
WET	TEST DAY	46.2mm	DRIEST	MONTH	3.4mm	LON	EST MIN	3.9°C	WARME	ST MNTH	14.7°C	SUNNIE	ST MNTH	176.4hrs	RAIN DAYS 110 SUNLESS DAYS 38
1	DAY/YEAR	7th/1987		YEAR	1978	D	AY/YEAR	30th/198	3	YEAR	1995		YEAR	1971	WET DAYS 82
ETTE	ST MNTH	233.9mm	HIGH	EST MAX	23.3°C		T GRASS		COLDE	ST MNTH	9.6°C	DULLES	ST MNTH	72.6hrs	
100000	DAY/YEAR	1960			4th,5th/1			30th/198		YEAR	1974		YEAR	1968	
											-				

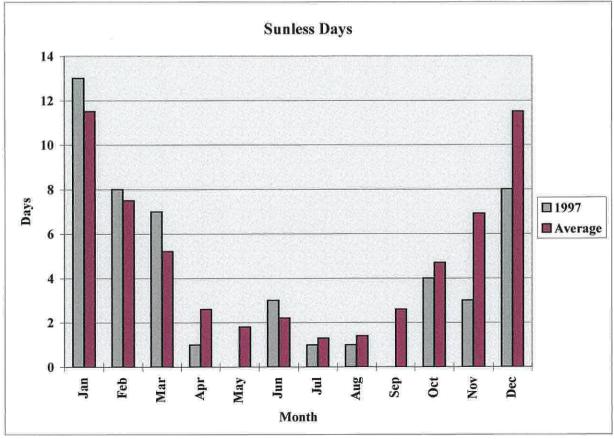
METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT NOVEMBER 1997

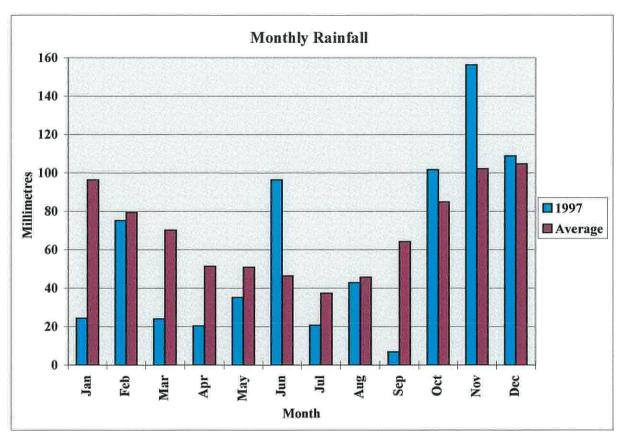
## 49.5. ## 1. ** ********************************	DAY	DATE	BAROMETER	TEMPERATURE deg C						WIND				RAIN	RAIN SUN	
No. 10.00			mb							DIR'N SPEED(knots)						WEATHER
SUM 2 1020.2 11.2 8.0 9.6 3.4 10.7 13.2 0.80 10.0 9.0 22 NIL 8.3 0.000 10.0 10.1 5.1 10.0 10.	1		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
SUM 2 1020.2 11.2 8.0 9.6 3.4 10.7 13.2 0.80 10.0 9.0 22 NIL 8.3 0.000 10.0 10.1 5.1 10.0 10.																
MON 3 1011.5 13.0 7.5 10.3 4.4 10.4 13.1 10.80 14.4 16.7 3.0 1.4 6.6 6.6 10.9 14.5 14.2 13.3 10.5 15.5						1200 100	2	4 (12)	F 97 200 1		235			5.00		Market Control of the
TUE 4 999.3 15.2 10.0 12.6 8.0 10.6 12.9 14.0 14.4 14.2 33 0.9 0.5 5 64.1 closely, fraging the many series and series and the many series and series and the many series and series																
WED 5 995.7 15.4 12.3 13.9 11.4 11.7 12.8 19.0 18 17.3 31 5.5 4.1 Claudy, sit share sec face. Cloudy, charp p.m.		7,57	14 3000 000301		0.000						II.		1000			The state of the s
THU 6 6 986.2 13.5 11.5 12.9 10.1 11.5 18.0 11.8 12.9 240 10.1 16.2 43 10.5 2.9 19.1 3.8 10.5 2.9 19.1 11.5 8.0 11.8 12.9 240 10.1 16.2 43 10.5 2.9 19.1 10.5 8.0 11.8 12.9 250 17 22.4 48 13.4 3.0 Fall of the control of the m. Phys till be am. Cloudy part to a	100000000000000000000000000000000000000		25.00		100000	0.000	200	0.303		200	88	A 100 A	200	2000	200	
FRI 7															450000	
SAT 8 993.2 13.0 95.5 11.3 8.0 11.7 12.9 250 17 22.4 48 13.4 3.0 14.2 12.0 13.0 13.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 13.0 14.2 12.0 13.0 13.0 13.0 14.2 12.0 13.0 13.0 13.0 14.2 12.0 13.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 14.2 12.0 13.0 13.0 13.0 13.0 14.2 12.0 13.0 13.0 13.0 14.2 12.0 13.0		1,000				1,000				1000000	1					In 12 2 20 12 12 12 12 12 12 12 12 12 12 12 12 12
SUN 9 987.0 11.3 7.7 9.5 6.5 11.1 12.8 200 20 20.5 20.5 4.5 10.4 2.2	1000	- 2		1000000		10,000	200	54. EXE	355	10000	0.00	100000000000000000000000000000000000000	1000	45575	505	The state of the s
MON 10										1000000		C-100-00-00-00-00-00-00-00-00-00-00-00-00				
Tue 11 11 11 11 11 12 12 1	5,500	1,000			0.000	10000	10000	0. 2.40	1520193507	2500.00		(5,000,000	1500	MAGGGGG	100,000	
MED 12 1001,7 12,3 7.2 9.8 9.1 10.0 12,4 250 0.5 3.3 12 10.0 2.1 Fair bee cloudy mid a.m., TS. Hvy shwrs to midday, Tempo fair FRI 14 1010,0 11.4 7.9 1.0 4.7 9.8 12.0 200 14 11.0 21 1.6 0.1 Fair bee cloudy, Site shws. Lighting mid a.m. SAT 15 1013,2 15.3 13.0 14.2 12.0 10.8 11.9 11.0 9.7 19 0.2 NIL SAT 15 1013,2 15.3 13.0 14.2 12.0 10.8 11.9 11.0 9.7 19 0.2 NIL SAT 15 1013,2 15.0 13.4 14.2 12.6 11.8 12.0 160 14 14.7 36 7.8 NIL SAT S				200000000000000000000000000000000000000						20.000		Sec. 25.2	7.3	10.24	200.00	
Thu	THE SECOND	10 - 41	(Table 2 (Table 2 (Table 2)	12.5-10.5		100.3100	24/15/20	17.55.55	160000000000000000000000000000000000000	0.000.000.000						the service of the se
FRI	1000000	222		35530		12000		2000	2-75	10000000	332		16165	0,000	30.51	
SAT 15																
SUN 16 1013.1 15.0 13.4 14.2 13.6 13.4 14.2 13.5 13.9 11.3 12.1 12.0 160 12 10.4 25 0.2 0.1 cloudy, cent at train p.m. (cloudy, strain tate a.m. Cent rain & drz p.m.	20000000	~ ~ ~	ACCES TO SACRED					,			A. W. C.			117-0-011	1.00	means are a second and a second a second and
MON 17 1010.6 14.4 13.3 13.9 11.3 12.1 12.1 160 14 14.7 36 7.8 NIL Cloudy, aft and tate a.m. Cent rain & drzl p.m.		2.00	2.02	9.595.	THE REST LINES.	-	1000000	0.000	0.000	138	0.00	100000000000000000000000000000000000000	1000		100000	Control of the Contro
Tue 18 998.6 14.6 12.5 13.6 12.1 12.3 12.1 12.3 12.1 16.0 16 13.4 2.9 5.7 1.3 Rain becomd. Cert fair p.m.	1-11-1						3		1111111111111111							En (50 - 0 00 W E 0 00 0
Near Note 19 994.3 15.0 10.3 12.7 10.3 12.1 12.3 2.0 15 16.3 3.9 7.3 4.8 Cloudy, rain early to mid a m. bec fine. Gradu shwrs p.m. TS THU 20 999.3 11.7 9.3 11.0 8.3 11.8 12.3 2.0 17 16.0 33 4.2 1.2 Cloudy, shwrs con't hyr, Fair midday. SITS & loop pellets late p.m. FRI 21 1002.8 11.6 9.1 10.4 7.0 11.2 12.3 190 14 13.0 3.7 TR 7.8 Minhy fair, con't sht wish. Lighting early & emg Fine. Later SAT 22 1010.2 11.9 8.3 10.1 6.9 10.7 12.3 190 10 8.3 19 4.0 6.5 Fine, lighting early. Con't fair. Rain or shwrs eving. Fine later SUN 23 1015.6 10.5 5.5 9.6 7.6 9.1 2.7 10.3 12.0 160 13 13.2 33 3.6 0.8 Fine, sht dow be fair then cloudy. Gradur rain p.m. Cloudy con't rain are the fine. Gradu shwrs p.m. TS Thurstone Thu	77.35.437.37	200	IA 75 N 75 78 1	2 200	100,000,000	200	10,00000	V		A-54	2000	A 75.5.5.11		000000000000000000000000000000000000000		
THU 20 989.3 12.7 9.3 11.0 8.3 11.8 12.3 260 17 16.0 33 4.2 1.2												0.00		35.75		
FRI 21 1002.8 11.6 9.1 10.4 7.0 11.2 12.3 190 14 13.0 37 TR 7.8 Mainly fair, conlist shwrs. Lighting early & eving Fine later 11.0 11.0 10.0 11.0 12.3 190 10 13 13.2 33 3.6 0.8 Fine, stit depends only fine later 11.0 10.	14	. 10-21	72.02.02.000	19.340.345.00		1,1	117.55.54.25.7									
SAT 22 1010.2 11.9 8.3 10.1 6.9 10.7 12.3 190 10 8.3 19 4.0 6.5 Fine, lighting early. Ocn I fair. Rain or shwrs ewig. Fine later 1907.6 10.5 10.5 10.5 7.6 9.1 2.7 10.3 12.0 160 13 13.2 33 3.6 0.8 Fine, sighting early. Ocn I fair. Rain or shwrs ewig. Fine later 1907.6 10.6 10.5 10	Caller -			5146.5		50000	2000		CACTAGE	100000	2.63	20000000	1.00	10.0		
SUN 23 1015.6 10.5 7.6 9.1 2.7 10.3 12.0 16.0 13 13.2 33 3.6 0.8 Fine, slt daw bac fair then cloudy. Gradu rain p.m.																
MON	100000000000000000000000000000000000000					18 18 18 18 18 18 18 18 18 18 18 18 18 1	0.000	1111111111111	17-17-27-1	0.000000	1100					T
TUE 25 999.6 12.0 8.6 10.3 7.3 10.2 11.8 170 08 9.3 20 NIL 0.5 Mainly cloudy. Fair late eving Fair fact eveng Fair fact	100000000000000000000000000000000000000		1000000	7.7			F355		12512	5 (343)	55	2007100		100		
WED 26 1002.6 11.7 9.9 10.8 8.0 10.5 11.7 070 11 10.6 27 19.4 1.5 10.0 11.5 10.0 11.5 11.5 10.0 11.6 27 19.4 1.5 10.0 11.5 10.0 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5 11.5 10.0 11.5																L. N. C. S. C.
THU 27 1008.7 12.8 10.0 11.4 7.4 10.7 11.7 260 11 10.6 27 19.4 1.5 10.0 11.7 10.0 11.7 10.0 11.7 10.0 11.5 10.0 11.7 10.0 11.5 10.0	4.00	(A=32.5)		100000000000000000000000000000000000000		(C) 2022	25222	100000000000000000000000000000000000000	C 1002	. 4000-2	200251	HOVON:	7.0-2.003	W. 2002		
FRI 28																1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
SAT 29 1003.9 1012.6 11.9 8.7 11.0 8.2 10.9 11.6 260 14 16.1 32 4.1 1.9 Fair ot cloudy. Shwrs. Hvy shwr late p.m. MEAN 1003.2 12.9 9.5 11.2 7.3 11.0 12.3 S 12.7 12.6 TOTAL 156.3 77.4 30 YEAR AVE. 1961-90		13197		0.000		0.000.000	0710	2.000.0165	14 HHES	20000000		4.00004452		199-0-30-11		Low Charles Charles and Bridge Control of the Contr
SUN 30 1012.6 11.9 8.7 10.3 7.6 10.5 11.6 320 15 12.0 29 TR 3.9 Shwrs early bec fair ocril cloudy. Slt shwr early p.m. Cloudy MEAN 1003.2 12.9 9.5 11.2 7.3 11.0 12.3 S 12.7 12.6 TOTAL 156.3 77.4 30 YEAR AVE. 1961-90 11.2 7.4 9.3 5.0 10.1 11.6 SW 14.0 14.1	and the state of			2.20	9.7	11.0	8.2	10.9	5 5 5	260	W 583	1000				the state of the control of the state of the
MEAN 1003.2 12.9 9.5 11.2 7.3 11.0 12.3 S 12.7 12.6 TOTAL 156.3 77.4 30 YEAR AVE. 1015.7 11.2 7.4 9.3 5.0 10.1 11.6 SW 14.0 14.1 //// 102.1 71.7 1961-90 EXTREMES ARE IN OF DAYS 20.2mm ≥1.0mm SLEET FROST FROST FROST FROST FROST FROST PROST FROST FROST PROST PROS																2
30 YEAR AVE. 1015.7 11.2 7.4 9.3 5.0 10.1 11.6 SW 14.0 14.1 //// 102.1 71.7 1961-90 EXTREMES NUMBER ARIN WET SNOW/ HAIL THNDER LIGHTING AIR GROUN FOG 9a.m. SUN BOLD TYPE WITH 25 20 0 3 4 10 0 0 1 0 0 3 TOTALS FOR YEAR TO DATE RECORDS FROM JANUARY 1947 WETTEST DAY 39.4mm DAY/YEAR 15th/1975 YEAR 1978 18th/1952,19th/1985,22nd,28th/1993 YEAR 1994 YEAR 1988 WET DAYS 102 ETTEST MNTH 192.5mm HIGHEST MAX 16.7°C LOWEST GRASS -5.6°C COLDEST MNTH 7.7°C DULLEST MNTH 35.9hrs				1880.			10,522,5			Sacre		1000000		*0.00		
30 YEAR AVE. 1015.7 11.2 7.4 9.3 5.0 10.1 11.6 SW 14.0 14.1 //// 102.1 71.7 1961-90 EXTREMES NUMBER ARIN WET SNOW/ HAIL THNDER LIGHTING AIR GROUN FOG 9a.m. SUN BOLD TYPE WITH 25 20 0 3 4 10 0 0 1 0 0 3 TOTALS FOR YEAR TO DATE RECORDS FROM JANUARY 1947 WETTEST DAY 39.4mm DAY/YEAR 15th/1975 YEAR 1978 18th/1952,19th/1985,22nd,28th/1993 YEAR 1994 YEAR 1988 WET DAYS 102 ETTEST MNTH 192.5mm HIGHEST MAX 16.7°C LOWEST GRASS -5.6°C COLDEST MNTH 7.7°C DULLEST MNTH 35.9hrs																
1961-90		MEAN	1003.2	12.9	9.5	11.2	7.3	11.0	12.3	S	12.7	12.6	TOTAL	156.3	77.4	
1961-90	ı															
EXTREMES NUMBER RAIN WET SNOW HAIL THNDER LGHTNG AIR GROUN FOG FOG GALE NO SUN	30 YE	AR AVE.	1015.7	11.2	7.4	9.3	5.0	10.1	11.6	SW	14.0	14.1	/////	102.1	71.7	
ARE IN OF DAYS BOLD TYPE WITH 25 20 0 3 4 10 0 0 1 0 0 3 TOTALS FOR YEAR TO DATE MITH 25 20 0 0 3 4 10 0 0 0 1 0 0 3 TOTALS FOR YEAR TO DATE		1961-90														
BOLD TYPE WITH 25 20 0 3 4 10 0 0 1 0 0 3 TOTALS FOR YEAR TO DATE	EXT	REMES	NUMBER	RAIN	WET	SNOW	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
RECORDS FROM JANUARY 1947 RAINFALL 603.4mm SUNSHINE 1950.0hrs	I A	RE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	
WETTEST DAY 39.4mm DRIEST MONTH 16.1mm LOWEST MIN 0.0°C WARMEST MNTH 12.0°C SUNNIEST MNTH 117.7hrs RAIN DAYS 135 SUNLESS DAYS 41 DAY/YEAR 15th/1975 YEAR 1978 18th/1952,19th/1985,22nd,28th/1993 YEAR 1994 YEAR 1988 WET DAYS 102 ETTEST MNTH 192.5mm HIGHEST MAX 16.7°C LOWEST GRASS -5.6°C COLDEST MNTH 7.7°C DULLEST MNTH 35.9hrs	BOL	D TYPE	WITH	25	20						0	1	0	0	3	TOTALS FOR YEAR TO DATE
DAY/YEAR 15th/1975 YEAR 1978 18th/1952,19th/1985,22nd,28th/1993 YEAR 1994 YEAR 1988 WET DAYS 102 ETTEST MNTH 192.5mm HIGHEST MAX 16.7°C LOWEST GRASS -5.6°C COLDEST MNTH 7.7°C DULLEST MNTH 35.9hrs						REC	CORDS F	ROM JA	NUARY 1	1947						RAINFALL 603.4mm SUNSHINE 1950.0hrs
ETTEST MNTH 192.5mm HIGHEST MAX 16.7°C LOWEST GRASS -5.6°C COLDEST MNTH 7.7°C DULLEST MNTH 35.9hrs	WETT	EST DAY		DRIEST	MONTH	16.1mm	LOW	EST MIN	0.0°C	WARME	ST MNTH	12.0°C	SUNNIE	ST MNTH	117.7hrs	RAIN DAYS 135 SUNLESS DAYS 41
	D,	AY/YEAR	15th/1975		YEAR	1978	18th/19	52,19th/1	985,22nd,	28th/1993	YEAR	the second second		YEAR	1988	WET DAYS 102
DAY/YEAR 1965 DAY/YEAR 6th/1955 DAY/YEAR 29th/1987 YEAR 1993 YEAR 1994	ETTES	ST MNTH	192.5mm	HIGH	EST MAX	16.7°C	LOWES	r GRASS	-5.6°C	COLDE	ST MNTH	7.7°C	DULLE	ST MNTH	35,9hrs	1
	D,	AY/YEAR	1965	D/	AY/YEAR	6th/1955	D	AY/YEAR	29th/198	7	YEAR	1993		YEAR	1994	

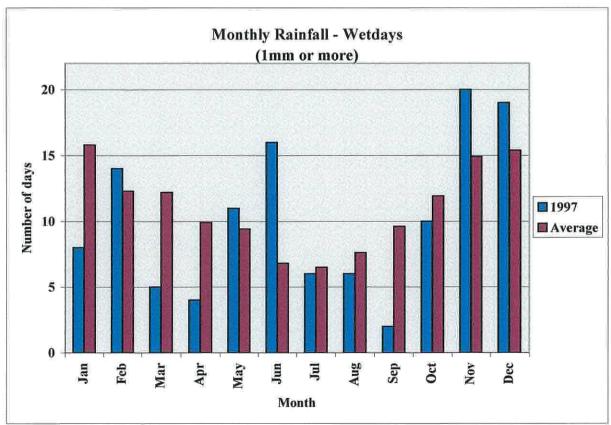
METEOROLOGICAL OBSERVATIONS GUERNSEY AIRPORT DECEMBER 1997

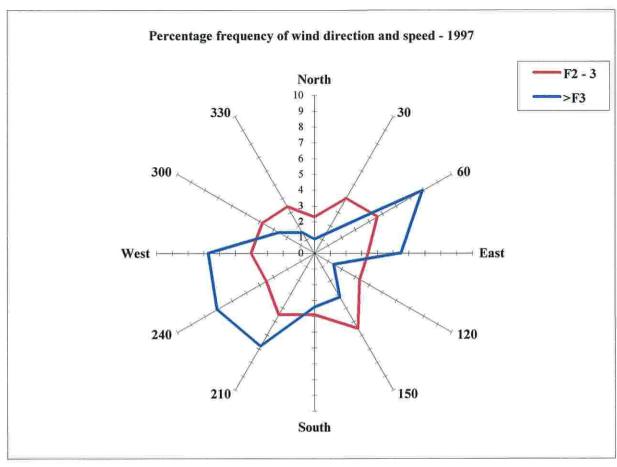
DAY	DATE	BAROMETER		TEM	PERATU	RE d	RE deg C			WIND				SUN	
	mb		AIR GRASS SOIL						DIR'N SPEED(knots)						WEATHER
		at 9a.m.	MAX	MIN	MEAN	MIN	30cm	100cm	9a.m.	9a.m.	MEAN	MAX	mm	hrs	
MON	1	1014.7	10.2	7.7	9.0	2.5	10.3	11.5	150	13	8.7	22	14.6	NIL	Cloudy, rain late am. Hvy rain evng, Rain & drzl later
TUE	2	1010.3	7.9	3.1	5.5	3.0	9.8	11.5	350	16	15.3	33	3.3	6.7	Hvy rain bec fair or fine. Dry air late am. Gradu cloudy pm Shwrs
WED	3	1018.2	6.8	4.4	5.6	1.7	8.7	11.3	020	07	9.2	22	0.3	1.9	Fair or fine. Shwrs from late am. Ice pellets
THU	4	1021.5	7.6	4.2	5.9	-0.5	8.0	11.1	020	08	9.8	24	1.7	3.7	Fair. Shwrs late am. Ice pellets early pm
FRI	5	1025.3	8.0	5.5	6.8	1.6	8.0	10.8	170	02	4.2	16	TR	NIL	Cloudy, slt shwr early & late am. Fine evng, cloudy later
SAT	6	1023.1	9.9	7.2	8.6	0.5	8.0	10.6	220	10	12.1	26	NIL	4.7	Cloudy bec fair late am. Cloudy late pm
SUN	7	1012.7	11.7	7.5	9.6	6.0	8.2	10.4	170	15	17.3	34	1.3	NIL	Cloudy, tempo fair am. Haze. Ocnl rain pm
MON	8	1001.9	12.5	9.0	10.8	9.8	8.8	10.3	210	17	16.2	33	7.6	3.0	Cloudy, ocnl shwrs. Hvy shwr midday. Ocnl fair pm
TUE	9	1009.4	12.7	10.2	11.5	7.7	9.2	10.3	220	13	16.5	31	6.5	NIL	Fair bec cloudy. Ocnl rain from mid am. Rain & drzl evng
WED	10	1002.4	13.9	11.9	12.9	10.9	9.9	10.4	250	22	17.5	34	2.2	2.0	Cloudy. Rain, drzl & fog patches mid am. Hvy rain bec ocnl fair
THU	11	1004.1	13.6	10.3	12.0	11.6	10.7	10.4	230	18	20.3	38	1.0	2.0	Rain & drzl. Cloudy bec ocnl fair. Shwrs pm
FRI	12	1022.9	11.0	8.2	9.6	6.8	10.3	10.6	330	13	12.2	31	TR	5.2	Mainly fair. Shwrs am
SAT	13	1033.3	12.1	5.6	8.9	-3.0	9.4	10.7	180	03	3.4	09	NIL	3.7	Fair, ocnl cloudy. Dry air
SUN	14	1032.3	10.9	6.4	8.7	0.5	8.9	10.7	150	04	5.7	22	TR	5.2	Cloudy, bec fair or fine late a.m.
MON	15	1027.9	9.4	5.6	7.5	1.0	8.5	10.4	070	15	19.4	36	TR	2.8	Cloudy, ocnl fair a.m. Slight showers
TUE	16	1017.1	5.9	0.4	3.2	2.0	7.9	10.3	070	23	23.5	43	10.5	0.6	Cloudy, slt shwrs early. Snow grains mid a.m. Hvy snow later
WED	17	997.0	7.8	0.7	4.3	-0.2	6.5	10.3	140	12	15.0	41	3.1	2.7	Sleet bec rain. Ocnl fair late a.m. early p.m. Rain & drzl evng
THU	18	992.4	12.1	7.8	10.0	4.9	7.2	9.8	170	12	9.9	29	0.1	2.7	Cloudy bec fair to cloudy. Haze & dew evng
FRI	19	996.1	10.7	7.7	9.2	7.5	8.3	9.6	140	80	9.5	20	0.1	NIL	Cloudy, mist bec fog mid a.m. Thick fog late a.m. bec mist
SAT	20	997.5	10.1	8.7	9.4	6.3	8.5	9.6	100	10	8.7	21	0.1	0.1	Cloudy bec fair mid a.m. Cloudy again. Tempo fine late p.m., dew
SUN	21	1012.9	11.2	6.2	8.7	-0.5	8.5	9.6	130	02	5.3	20	NIL	1.9	Fair to cloudy , dew. Tempo thick fog evng, bec mist
MON	22	1010.0	9.0	6.6	7.8	5.8	8.5	9.7	140	14	13.3	27	11.4	NIL	Cloudy. Rain late a.m., rain & drzl p.m. Tempo hvy rain evng, mist
TUE	23	1017.1	12.6	7.8	10.2	6.5	8.4	9.6	200	10	12.2	26	5.2	NIL	Cloudy, tempo fair a.m. Hvy rain early p.m., fog patch. Cloudy
WED	24	1015.6	13.2	11.5	12.4	11.5	9.4	9.7	170	14	17.2	35	10.3	NIL	Slt rain & drzl early. Hvy rain late a.m. & early p.m. Fair evng
XMAS	25	1004.5	13.0	10.1	11.6	7.4	9,6	9.7	180	17	21.6	<u>56</u>	6.8	1.1	Fair bec ocnl cloudy. Hvy rain late a.m. Shwrs p.m., Ightng
B.DA	26	1001.7	11.3	6.7	9.0	5.3	9.4	9.8	270	25	19.3	48	3.0	4.2	Freq shwrs. Rain & ice pellets. TS 0738. Hvy shwrs. Fair late a.m.
SAT	27	1012.6	9.8	6.5	8.2	5.2	8.9	9.8	290	12	14.4	32	2.1	4.3	Fair ocnl cloudy. Shwrs. Ice pellets evng
SUN	28	1014.8	10.1	5.8	8.0	1.2	8.2	9.8	250	04	6.0	17	TR	6.1	Shwrs early bec fair. Dew late evng
MON	29	1008.8	9.0	7.5	8.3	4.2	8.0	9.7	150	12	11.3	26	7.9	0.1	Dew early. Cloudy bec mist. Slt rain a.m. Mod rain late evng
TUE	30	1005.0	10.8	8.5	9.7	6.5	8.3	9.6	240	07	14.1	35	7.1	4.6	Hvy rain early. Fog bec fair. Rain again evng
WED	31	1004.0	10.8	6.6	8.7	5.0	8.9	9.5	280	13	13.0	36	2.7	3.1	Rain early bec fair, ocnl cloudy. Hvy rain & hail shwr midday
	MEAN	1011.8	10.5	7.0	8.7	4.5	8.7	10.2	S	12.0	13.0	TOTAL	108.9	72.4	
							(factories)		Sections						
30 YE	EAR AVE.	1016.2	9.3	5.6	7.4	3.8	7.8	9.3	SW	14.8	14.9	11111	104.7	51.1	
	1961-90														
15-A-1-2	REMES	NUMBER	RAIN	WET	SNOW/	HAIL	THNDER	LGHTNG	AIR	GROUN	FOG	FOG	GALE	NO	
	ARE IN	OF DAYS	≥0.2mm	≥1.0mm	SLEET				FROST	FROST		9a.m.		SUN	New York or a safe and whele an early his visites
BOL	D TYPE	WITH	20	19	2	6	1	2	0	4	5	1	0	8	TOTALS FOR YEAR TO DATE
							ACCORDANGE 110	NUARY 1							RAINFALL 712.3mm SUNSHINE 2022.4hrs
7.1.1.1.1.1.1.1	EST DAY	42.2mm	DRIEST		28.1mm					ST MNTH		SUNNIES	ST MNTH		RAIN DAYS 155 SUNLESS DAYS 49
	AY/YEAR	30th/1978		YEAR	1953			24th/196	-	YEAR	1953		YEAR	1962	WET DAYS 121
Annual Control of the Control	ST MNTH	227.2mm		EST MAX	15.6°C		T GRASS	transport of the contra	La company of the com	ST MNTH	4.6°C	DULLES	ST MNTH	The second of th	
D.	AY/YEAR	1965	D,	AY/YEAR	6th/1953	D	AY/YEAR	29th/196	4	YEAR	1950		YEAR	1966	

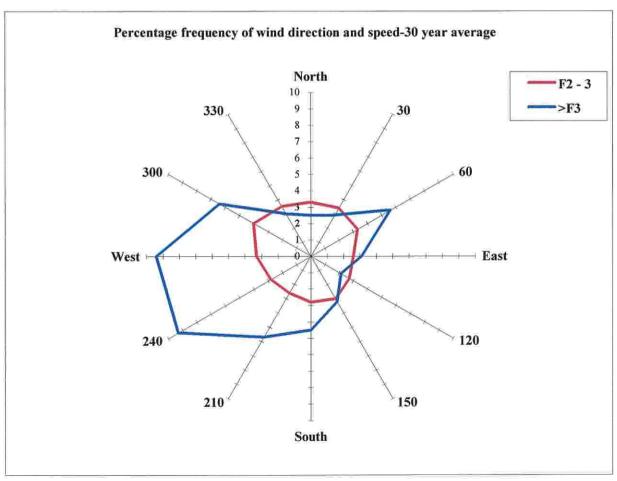


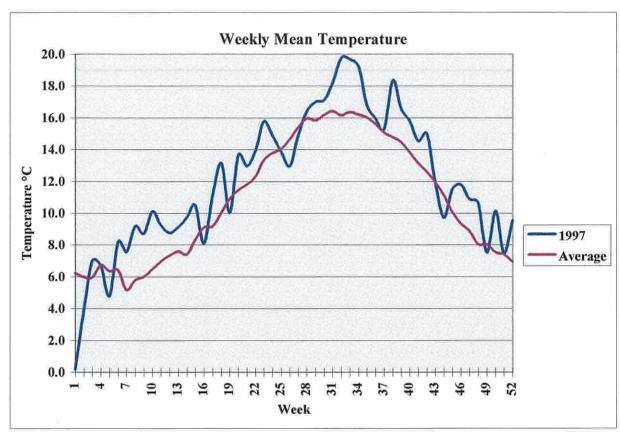


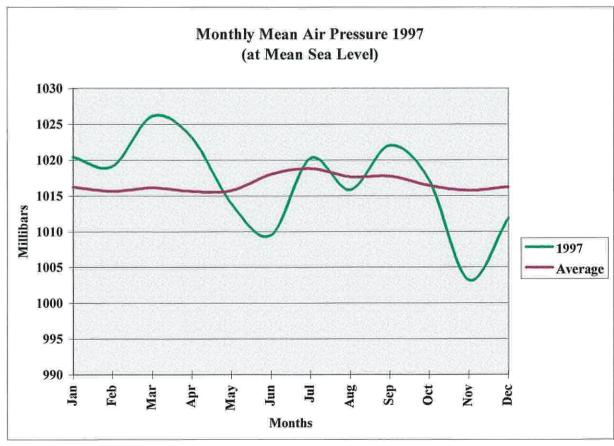




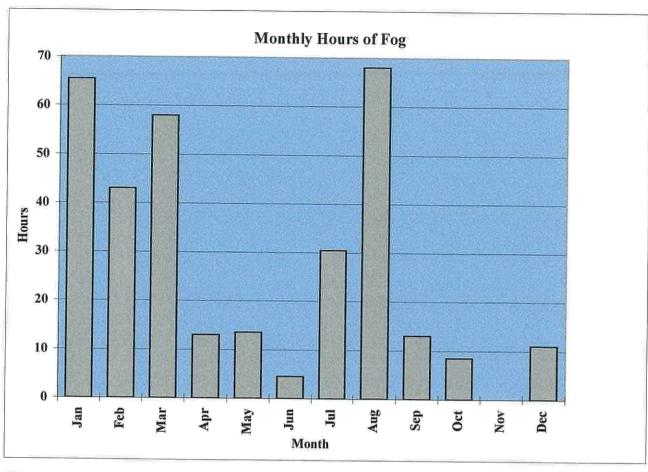


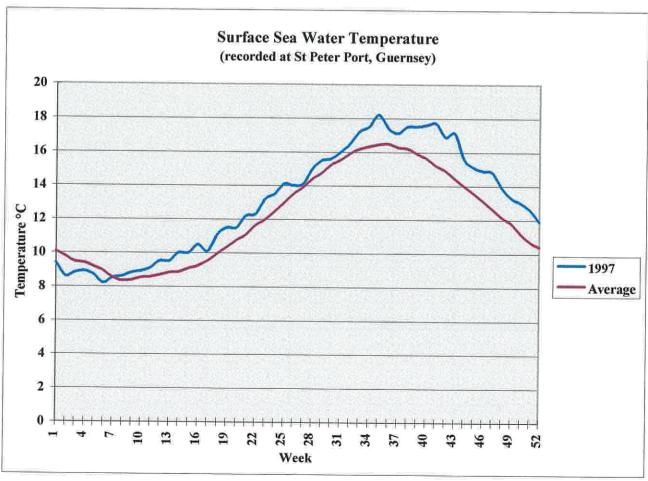






NB. 30 year averages are for the period 1961 - 1990





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