



*States of Guernsey*

States Board of Administration

**Meteorological Office  
Guernsey Airport**

**CLIMATOLOGICAL REPORT**

**1993**





## METEOROLOGICAL OFFICE

## GUERNSEY AIRPORT

## COMMENT ON THE WEATHER OF 1993

After a frosty start to January turned much milder and in fact January was the mildest on record. With high pressure dominant in the second half of the month it was also drier than usual. The dominance of high pressure continued throughout February, with the highest mean pressure since 1959. This situation also ensured that it was the driest February since 1965, but the first 12 days were also very dull. For the winter temperatures were a little above normal and it was drier than average, but not nearly as dry as the previous winter. Sunshine was well down, making it the dullest for ten years.

March continued with the dry theme and it was also sunnier than normal. For the sixth year in succession temperatures were above average, as well as being a quiet month. Conditions deteriorated considerably by the beginning of April, with a wet and windy period in the first week. Subsequently the weather quietened down again, but much of the month was rather dull. Temperatures, though, ended up more than a degree above normal, making this the mildest April since 1987. May had some mixed weather, with a cool and dull period around Liberation Day. There was also a warm spell between the 23rd and 26th, which helped to make this another warmer than average month. Much of the rainfall was of a thundery nature, which gave variable amounts across the Island, but it was generally quite dry. This failed, though, to stop it from being rather dull as well. The spring continued the trend of recent years, being warmer than normal and it was the driest for three years. In contrast sunshine was the lowest since 1983.

June was also warmer than average, but it was cool and dull between the 10th and 16th. Rainfall was slightly above normal, although 70mm (2.75 in) of rain was reported from Alderney on the 10th and 11th. July was a poor month, with the temperature failing to exceed 20 c (68 F) at the Airport. While rainfall was above average and sunshine below, these figures are actually slightly better than last year. On the positive side August was the sunniest for three years, but also the coolest for seven. Rainfall was above normal, most of which fell during a thunderstorm on the morning of the 23rd. Whilst very wet that day here, Alderney received even more rain, recording a total of 94.5mm (3.72 in). For the summer temperatures were below normal, as was sunshine, but it was still the highest amount for three years. Although rainfall was above average, it was less than recorded in 1992.

Temperatures stayed depressed through most of September and it was a very wet month, with the highest total since 1976. Despite near gale force winds on the 12th and 13th, overall it was a quieter month than usual. In contrast to most of the United Kingdom we had more sunshine than normal. Temperatures were below normal during October for the fourth month in a row and indeed it was the third coolest October at the Airport, exceeding only 1992 and 1974. After a wet start it became much drier, with just 4.2 mm of rain in the last 18 days. Sunshine was up, until the 23rd, then we had only 0.2 of an hour of sunshine in five days.

The coldest November on record followed the previous cool months. The Novembers of 1985 and 1952 were, however, only marginally less cold.

Rainfall was well below average, especially so from the 14th to the 28th, whilst sunshine was fractionally up on the usual figure. Apart from a gale on the 14th it was a quiet month, with the 5th lowest mean wind speed on record. The low temperatures throughout the autumn made this the coolest since 1974. Rainfall was above average, with 75% occurring between the 7th September and 13th October. Unlike the summer, sunshine was actually marginally above normal.

In December the weather pattern showed a considerable change. Having had virtually no westerly winds in the preceding four months, we had westerly winds for much of December. This resulted in the mildest December for five years. Low pressure, though, gave a large amount of rain making this the wettest since 1978 and this was also the windiest since 1979.

Having had a cool and wet summer and autumn it might be a surprise to find that the mean temperature was a touch above average and rainfall below. It was, though, the third dull year in succession, but sunnier than the last two. No very high winds occurred, helping to make this the quietest for four years.

## JANUARY

For the first three days a large anticyclone, over eastern Europe, kept fronts at bay and produced a dry easterly airflow across the islands. This gave us sunny weather by day, but moderate ground frosts on the nights of the 1st and 2nd.

Late on the 3rd fronts approaching from the west brought in cloud, followed the next morning by rain. A warm front arrived early on the 5th, with a marked rise of temperature, but it also became very misty with hill fog. We then stayed in a very moist and mild airstream until about midnight on the 7th. This ensured rain at times and hill fog.

A transient ridge of high pressure gave fair weather until the evening of the 8th, after which the passage of a warm front put us back into mild and murky conditions. These lasted for three days and it also became wet on the 10th as a waving front slowed down in the Channel. The low, with which the front was associated, was almost the deepest reported in the north Atlantic. At one point the central pressure was below 916 mb; luckily for us it was positioned between Scotland and Iceland, so we escaped the worst of the winds.

The 12th was a sunny day, although rather windy. A secondary depression then moved rapidly east-north-east, from the Atlantic, across southern England on the 13th. This introduced very mild air for a while, giving the second highest January temperature on record at the Airport. As the depression went away winds increased, reaching gale force for a couple of hours in the afternoon. Once the low was out of the way pressure rose rapidly, as an anticyclone over the Mediterranean extended northwards into France. This kept a very mild southwest to south airflow going over the Channel. There were some very large totals of rainfall across Scotland, up to and including the 16th. The high pressure, though, made any fronts here weak and we managed good sunny periods. On the 16th a combination of southerly winds and sunshine helped L'Ancrese to match its previous best January temperature, at 14.5c.

For most of the rest of the month, high pressure over southern Europe and the Mediterranean was the main influence on our weather. Unsettled conditions continued for much of Britain, with further heavy rainfall for western and northern parts of the British Isles, along with occasional incursions of cold air. Fronts affected us quite frequently, but their strength was diminished considerably by high pressure, to give only small amounts of rain. The air was, though, very moist and this caused a lot of low cloud, with hill fog on several days. A brief burst of cold air on the 25th pushed the temperature down for 24 hours or so, then mild air returned.

Towards the end of the month, after consistently windy weather, it turned much quieter and there were some pleasant sunny spells on the last three days.

## FEBRUARY

High pressure dominated the weather until the last few days of the month. Initially the high was centred over Europe, with a rather cold and cloudy east to southeast airflow over the Channel. This situation meant very little sunshine, occasional fog and only small variations of temperature between day and night, but winds were at least light.

By the 6th the European high had declined, whilst a new one developed near southwest Ireland. On the 6th, despite pressure of 1035mb or more, a warm front moving slowly south over the Islands produced several hours of rain from late on the 6th to the early hours of the 7th. Milder weather arrived following the rain, although it stayed dull.

The anticyclone near Ireland then moved slowly northeast and pressure rose again over Europe. This weather pattern pulled the winds back around to the east, with a consequent drop of temperature and still no break in the cloud cover.

Fog became a problem on several days and it was particularly bad on the 12th, with thick fog persisting all day. Finally on the 13th as the wind veered to between southeast and south, drier air was pulled up from France to clear away the fog and we at last managed a mild, sunny day. The next day, though, fog which had formed in Brittany overnight drifted slowly north to blot out the sun again. The following couple of days were generally pleasant, with good sunny periods and light winds.

From the 17th to 22nd, pressure was high to the west of Ireland and low over Europe. The resultant northwest airflow produced was generally mild and rather cloudy, but we managed sunny periods as well. The high then moved east, allowing a cold and very dry east to north-east flow to spread west along the Channel. The cold air stayed with us on the 24th and a layer of medium level cloud was thick enough to give a very light snow flurry.

It became milder again on the 25th as winds swung around to the west and a weakening frontal system crossed the area. This was enough to give our first significant rainfall since the 6th. Late on the 26th a small depression moved quickly south just to the west of us, followed by air of arctic origin. This resulted in cold weather for the last two days of the month. The passage of a trough on the night of the 27/28th produced some heavy snowfall, which left a covering of about 1cm early on the 28th.

#### MARCH

On the 1st a cold northeast airstream covered southern England and the Channel, between high pressure over Scandinavia and low pressure of the Mediterranean. There were frequent snow showers during the morning, before drier conditions came along. The weather pattern did not change much in the following two days, so it stayed cold and cloudy, but the showers disappeared.

By the 4th pressure had risen as the Mediterranean low filled and the Scandinavian high was replaced by one west of Ireland. Milder air spread gradually southeast across the British Isles, so that by the 6th temperatures were above normal, although the cloud persisted. Between the 6th and 8th an anticyclone drifted slowly east over England and the southern North Sea, eventually being absorbed by a developing anticyclone over Sweden. This brought winds around to the east, bringing in dry air which cleared away the cloud and we managed a couple of sunny days.

From the 9th to 15th pressure was high from Poland to Greece, with a ridge towards Britain. During most of this period fronts were kept away from us, over the Atlantic, ensuring dry weather most of the time. With winds coming up from Spain and north Africa, temperatures were well above normal and it was pleasantly warm on a few days, culminating with the highest temperature of the month on the 15th. Subsequently pressure fell over Central Europe and rose further west. Our weather became less warm and cloudier, but it stayed mainly dry.

Pressure fell on the 21st as fronts moved in from the Atlantic. These fronts produced rain early on the 22nd before brighter weather arrived later in the day. A rapid rise of pressure then brought a return to dry conditions, although it became colder as winds swung around to the north. By the 27th the centre of high pressure had transferred to Finland, with a front moving slowly east across Ireland and western Britain. The front finally reached us late the next day, giving a couple of hours of rain.

The 29th was dry, but there was heavy rain for a while on the afternoon of the 30th. The 31st, on the other hand, was wet from the early hours until the middle of the afternoon, making it the wettest day of the year so far.

#### APRIL

The low pressure that arrived towards the end of March, to give heavy rain, moved away slowly eastwards on the 1st. In the wake of the low it was cold and windy at first, then by the afternoon conditions improved considerably. A ridge of high pressure produced mainly sunny weather on the 2nd, but with the weather pattern unsettled there was soon another depression and its fronts to bring rain the next day. There was a repeat performance on the 4th as a sunny day gave way to heavy rain by midnight.

Fronts were nearby for the next four days, keeping it cloudy with fog at times, but not much rain. During this period temperatures were above normal, especially so at night. The fronts finally cleared out of the way on the 10th, although a low became slow moving near the mouth of the Channel, maintaining a large amount of cloud and low temperatures. The low then drifted southeast into France as pressure built across the United Kingdom.

An intensifying ridge of high pressure toppled southeast over the British Isles on the 15th, followed by fronts which crossed the whole of the country. The fronts were weak here, but very moist air came in behind them, with the consequent arrival of low cloud and drizzle, giving hill fog. By the 18th pressure was high over western France, forcing a warm front slowly northeast over England and Wales. Our weather stayed mainly cloudy, although the fog disappeared. On the 19th winds swung around to the south bringing drier air off nearby France, allowing the sun out and pushing up temperatures. The 20th turned out to be the best day of the month, with unbroken sunshine and light south to southeast winds. This allowed the temperature to reach its highest values of the month, with 16.6 c (61.9 F) at the Airport and as high as 20 c (68 F) at L'Ancrese.

Less warm conditions came in the next day, following the passage of a weak cold front. Subsequently low pressure became the dominant feature again. From the 22nd to 24th pressure was lowest over Ireland with a southerly flow across most of Britain. Some parts had spells of heavy rain, whereas the Islands had just a couple of short bursts. Gradually the main depression transferred slowly south southeast, eventually leaving the whole of the British Isles in an easterly airflow. We were still affected by fronts occasionally, giving some rain. The 28th was sunny and fairly warm, but with a strong northeast wind, whilst the 29th had a similar temperature, but with less wind and sun. To end the month we had west to north-west winds. As the wind increased, in the late morning, patches of sea fog spread inland and by the evening thick fog blanketed the Channel Isles area.



## MAY

Thick fog blanketed the Islands for the morning of the 1st, then the sun came out for a while in the afternoon as drier air moved in from the northwest. Pressure then rose as a ridge of high pressure extended north-east into the British Isles. With pressure high across Britain for most of the next week, the weather was dry and mainly sunny. Low pressure over the Mediterranean, combined with the United Kingdom high pressure, to produce strong north-east winds down the Channel, which held down daytime temperatures.

On the 7th a weak front came in from the east to bring cloudy conditions. The cloud stayed with us for the following two days. For Liberation Day the weather was particularly poor, with drizzle much of the time, a stiff north-east wind and a temperature around 10 c (50 F). The weather improved on the 10th, with a sunny afternoon. It then became warm on the 11th, despite the continuation of a fresh wind.

By the 12th pressure was low over much of Europe, while a cold front was moving south over Britain. When the front reached the Irish Sea, it helped a low to deepen and produce a large area of rain across northern England and the Borders. We had some rain as the front went through, but its main effect was to bring temperatures down again.

Low pressure was then the controlling feature of the weather for the whole of the British Isles. By the end of the 15th fronts were sweeping north-east over Britain, bringing large falls of rain to western parts. We had small amounts despite cloudy weather. For the 17th winds were south-east, feeding us warm air from France. In the evening, though, thunderstorms broke out as a cold front came in from the west.

The following five days were rather cool, but sunny at times. On the 21st a low sank south, to become almost stationary to the west of Biscay. This resulted in a south to south-east flow across western France and the Channel. For the 22nd we were troubled by a slow moving front which gave rain off and on through the day. The front had decayed by the early hours of the 23rd and we managed a very warm day, although thundery developments drifted north from France. The next three days were dominated by thundery low pressure. This gave warm weather, but with little sunshine. Lightning was seen on all these days, but thunder was confined to the 25th. One storm occurred shortly after dawn, accompanied by very heavy rain. A second storm happened around mid-night, this time with hail in western parishes.

It became cooler on the 27th as the flow of warm air was cut off. Low pressure was still in control of things and the next depression pushed fronts on the 29th, with some rain in the afternoon. It subsequently became windy, with gusts to gale force.

## JUNE

On the 1st southeast winds helped to produce a pleasantly warm day, but thunderstorms, which had formed over France, reached us in the evening. The most intense thunderstorms moved up through the middle of the Island, with heavy rain and a report of ball lightning in Talbot Valley. By the 2nd there was a low over southern England, with cool and cloudy weather affecting the Islands.

Subsequently pressure rose as a ridge developed over the British Isles. The 4th, though, was rather cloudy, with thick fog coming along in the evening. The fog cleared early on the 5th as a dry easterly flow set in. For the next four days we had sunny weather and it became warm, with the temperature up to 25 c in the southwest of the Island on the 8th.

Thundery low pressure over the Bay of Biscay then moved slowly north, before grinding to a halt over England and Wales. This situation ensured dull weather for several days and it was particularly poor on the 11th and 12th, with rain much of the time, strong winds and temperatures about 4 c below normal. Although the thundery low moved away east on the 13th, it was quickly replaced by a new low coming in from the Atlantic, to ensure our weather stayed dull and cool for three more days.

A ridge of high pressure crossed the area on the 17th to give sunny weather after a cloudy start. The ridge was displaced by fronts the next day, making it cloudy with drizzle and fog in the evening. A new high pushed the fronts away on the 19th. For the next six days pressure was high near to, or over, western Ireland with a light northerly airflow over most of Britain. For most of this time the weather was sunny, with temperatures slightly above normal.

By the 25th high pressure was restricted to southern England and the channel, whilst fronts affected the rest of the British Isles. We continued to have sunshine until moist air moved in from the northwest on the afternoon of the 26th. This moist air brought fog patches by midnight and it was foggy for much of the morning on the 27th. In the afternoon it became sunny, but with sea fog still drifting on to coasts. For the last three days of the month winds were generally from the east, so the fog dispersed and we ended with mainly sunny and warm conditions.

## JULY

A ridge of high pressure covered most of the British Isles on the 1st, but we were affected by a small low over northern France. This gave us a rather cool and cloudy start to the month, with some rain. The 2nd was a better day, with sunshine and light winds producing a fairly warm day. During the night of the 2nd/3rd moist air came in from the west, behind a weak warm front, fog patches and only limited sunshine held temperatures at around normal. There was more fog on the 4th, which kept us considerably cooler than much of southern England. Although a cold front went through we actually managed a higher temperature than the 4th, given mainly sunny weather.

From the 5th to the 11th pressure was high to the west or south-west of Ireland and low near northern Scotland. This situation produced mainly sunny, but cool and generally dry weather. A front crossed the area on the 9th, though, resulting in a cloudy day with rain in the afternoon. On the night of the 10th/11th we had heavy showers, between two sunny days.

By the 12th the centre of high pressure had drifted south, allowing Atlantic fronts to move east towards the British Isles. We managed another sunny day, but it was still rather cool. A warm front crossed the area early on the 13th bringing rain and drizzle as well as a very moist airflow, which caused hill fog to form late in the day. The rain, drizzle and fog persisted through much of the next day, although we got a few hours of sunshine late in

the day. The very moist conditions stayed with us until the afternoon of the 16th, when weak cold front cleared through.

A transient ridge of high pressure gave sunshine on the 17th, but this was followed in turn by a low and its fronts the day after. The fronts went through quite rapidly, giving only a short spell of drizzle and fog. The low then moved slowly east-south-east over Britain, with some heavy showers early on the 19th. Another ridge came along for the 21st. Despite this it was a mainly cloudy day with light showers. The following day, on the other hand had several hours of sunshine despite a front on our doorstep. Mist and fog arrived in the evening and it stayed with us for much of the 23rd, although there was some sunshine in the afternoon. The 24th was another dreary day with persistent drizzle and fog.

A much brighter day followed, with our sunniest day for almost two weeks, but it was spoilt by a cool stiff breeze. By the evening of the 26th, we were back to the all too familiar situation of a very moist airflow covering the Channel. This one persisted through to late afternoon on the 28th. For most of this period there was hill fog, drizzle and strong winds. This situation also ensured a very small difference between day and night temperatures.

For the last three days of the month we had somewhat better weather. Indeed, the 31st was a mainly sunny day, although yet again temperatures were below normal.

#### AUGUST

The 1st saw an anticyclone over Europe moving away east and declining, with a low edging in towards Scotland. We had sunny spells and light southerly winds, which allowed reasonably warm conditions away from the exposed south coast. The low was in control for the next couple of days, keeping the weather rather cloudy at times with below normal temperatures. On the 4th a small depression formed to the south-west of Britain; it then moved north-east, bringing moist air to the islands with some fog and rain.

Pressure then built over the channel to give us four sunny days, whilst changeable weather continued for most of Britain. By the 9th pressure had fallen again over the channel, as fronts pushed south-east across the British Isles and this situation gave us a cloudy day with drizzle and fog. A cold front had swept through by the early hours of the 10th and a transient ridge produced a sunny day. The next day we were in a cloudy westerly flow again, this time we had only a brief spell of fog. Around dawn on the 12th a cold front went through with a burst of heavy rain for about three hours, before the sun came out again.

A small high gave mainly sunny weather the next day. As the high moved away winds became south-east bringing warmer conditions the day after that. Pressure was falling rapidly, though, as a thundery low moved north-east from Spain and another low edged into the mouth of the Channel. There was some heavy rain early on the 14th, before the weather brightened up again as pressure rose once more.

There was a general rise of pressure over the British Isles during the following couple of days. From the 16th to 21st pressure was high over southern England and the Channel, producing a dry easterly flow for the bailiwick most of the time. This allowed us a period of warm and mainly sunny weather. Fog was a problem early and late on the 20th, with a light

westerly breeze blowing. On the 21st as pressure fell over the Bay of Biscay it became cloudier, although it was also the warmest day of the month. A thunderstorm occurred around the middle of that night, before a cool northerly flow pushed down into the area.

On the following night an area of rain, which had developed over southern England, moved into the Channel where it intensified. By the time this reached the bailiwick it was producing torrential rain and thunderstorms. The heaviest falls occurred around dawn on the 23rd, with L'Ancrese experiencing an unprecedented fall of 74.6mm (2.9in) up to 1000 hours that morning and the Airport having 42.5mm (1.67in). Not surprisingly this rain resulted in a large amount of flooding, mainly in the low lying parts of the north. Rain continued to fall until early afternoon and combined with a fresh north-east wind it was extremely cool. The temperature at midday was just 11.0 c and the maximum temperature was no better than 12.7 c.

High pressure soon re-asserted itself, this time, though, west of Ireland producing a cool north to north-east flow over the British Isles. For the rest of the month there was no measurable rain and most days had plenty of sunshine. It stayed cool until the 29th and the Bank Holiday was pleasant, with sunshine, light wind and normal temperatures.

#### SEPTEMBER

High pressure dominated the weather for the first five days of the month, resulting in a dry and sunny start. Initially temperatures were a little above normal, but following the passage of a very weak cold front on the 4th, it became cooler. By the 6th pressure was falling as a low moved in towards south-west England. We had one more mainly sunny day, before rain arrived the next morning. The low was near to south-west England for a couple of days. It then moved slowly north up the Irish Sea. This situation gave us showery and rather breezy weather, although it became warmer again.

On the 10th and 11th the old depression was almost stationary near to western Scotland, filling slowly, whilst we were in a showery westerly airstream. A new depression, the remnants of a tropical storm, was deepening and edging in towards Brittany. Rain and strengthening winds spread in on the 12th, with heavy rain at times during the day and near gale force winds by the evening. As the low got closer the pressure drifted down, eventually falling to its lowest September figure, at the Airport, on the morning of the 13th. The low then moved away slowly east, ensuring that cloudy conditions prevailed with occasional heavy showers, to produce a very wet four days.

An anticyclone then formed over Britain, bringing dry and sunny weather again. it was rather cool still for the next two days, but turned warmer thereafter as the anticyclone drifted away east. On the 20th a waving front crossed the area, making it overcast with rain for most of daylight hours.

Once the front was out of the way we were in a showery west to south-west airflow. There were a couple of heavy showers in the afternoon and evening of the 21st, with thunder reported in some parts of the Island. In the early evening there was a waterspout visible, for about 15 mins, just off Rocquaine. For the following three days we had mainly sunny conditions and light winds, with temperatures a little lower than normal.

A cold front went through on the morning of the 25th, giving a period of heavy rain, followed by a sunny afternoon. The next day there was virtually a repeat performance. As this was happening a low formed on the old front which had affected us on the 20th. The low moved north to Holland where it became slow moving. Cloud and rain from this produced three very cool days in south-east England. We were on the periphery of this, so that although rather cloudy and cool, it stayed mainly dry.

A new low affected our weather for the last two days of the month, keeping it cloudy. A spell of rain in the early afternoon of the 29th, was followed by a very showery day with which to finish.

#### OCTOBER

A complex area of low pressure moved slowly east across the British Isles on the 1st and 2nd. There were frequent heavy showers on the 1st, which continued through that night before decreasing in intensity the next day. A weak ridge then affected the area on the morning of the 3rd, followed by a frontal system, which brought rain, drizzle and low cloud. With the frontal system soon out of the way, the slow moving parent depression became the controlling feature of our weather. Initially near to south-west Ireland, the low drifted slowly south-east towards south-west England, maintaining a showery south to south-west airflow over the Channel, giving a mixture of sunny spells and showers with temperatures marginally above normal.

The original low decayed on the 7th as a new one took over slightly further west. Changes in our weather were small, although showers became less frequent and consequently it became sunnier. A weak ridge of high pressure crossed the area on the 9th, followed late on the 10th by fronts which brought several hours of rain during that evening. The main depression again became a slow moving feature, this time over western Biscay at first. It then moved north-east towards the Channel, with showers getting heavier and frequent. By this time cold air was pushing south over Britain. We stayed in the rather warm air on the 13th, before a cold front reached us in the evening and the produced a wet night.

The character of the month's weather then changed completely. High pressure extended south from Iceland into the Atlantic, with very cold air covering the whole of the British Isles. The high edged slowly towards the United Kingdom, with another high forming briefly over the Adriatic. After a sunny day on the 15th, light winds that evening allowed a touch of ground frost at the Airport, before cloud spread in overnight.

Pressure continued to rise as an anticyclone drifted east across Britain. There was still a low over northern Spain and this combination ensured a steep pressure gradient across the Channel, with the consequent strong winds. We managed to have sunny conditions, but temperatures stayed several degrees below normal. Winds decreased quite rapidly on the 19th as the high pulled away further east and low pressure transferred to the Mediterranean.

A new high then built over the Atlantic whilst a small low moved south-east into Norway. This pulled the winds around to the north, but otherwise there was little change in the weather.

By the 22nd a belt of high pressure extended from south-west Ireland, across Britain, to Scandinavia. This resulted in cloud spreading down to us from the North Sea. From the 23rd to the 27th we had cool and cloudy weather, with

occasional rain at times, despite the pressure staying high. To add to things there was a persistent fresh to strong north-east wind.

Drier and clearer air crept towards us from France on the 28th, as the airflow veered towards the east, finally reaching us early that afternoon. The next day was also mainly sunny and a fraction less cold. After that the wind backed again, bringing a return to the cloudy conditions that had been prevalent during the previous few days.

#### NOVEMBER

High pressure from Scotland to the Balkans and low pressure over Spain, gave us a cool and cloudy easterly flow for the start of the month. As pressure declined a weak front moved north across the Channel, giving a little rain, but also introducing milder air by the morning of the 3rd. The next day or so were mild, although still rather cloudy.

Fog spread in early on the 5th and whilst clearing for a while, affected us again in the evening. We continued with a generally rather cloudy north-easterly flow for three more days and it turned cooler again. By the 9th, winds had moved around to the west, with an active frontal system crossing the area that night, producing several hours of heavy rain. Cloud from that system took most of the 10th to clear away, followed by mainly sunny weather for the 11th. Heavy showers came in early the next day and these showers continued off and on for several hours, with thunder and hail mixed in that afternoon.

A deepening low moved north-east across England on the 13th and 14th. Early on the 14th as the low edged away, winds increased to gale force, with the highest gust of 50 knots. The gale was more severe in parts of eastern England with gusts there up to 70 knots.

The character of the month's weather then changed markedly. A developing high moved in to bring dry conditions. This high then linked up with one over Scandinavia, to produce an easterly flow over the Channel and southern England. As this flow persisted it became colder, gradually, with daytime temperatures dropping by 4 c from the 15th to the 18th. The 20th saw a fairly widespread ground frost and even a slight air frost in sheltered spots. It actually became less cold during the day as the wind backed to the north-east, bringing us air warmed a little by the Channel.

A trough of low pressure reached us early on the 21st and this gave frequent showers of sleet or hail. Light winds and clear skies overnight allowed a general ground frost, with icy roads. After another cold day fronts pushed in from the west, introducing mild air on the evening of the 24th. The next day we had mild and sunny weather, with the temperature above 10 c for the first time in 10 days. Jersey, on the other hand, were plagued by fog all day and this fog was pushed towards us the following day as the wind backed south-east again. Drier air came in for the 27th resulting in another mainly sunny day, although fog was close by at times. Much colder air was advected in overnight, so that by the next morning the temperature was close to freezing, where it stayed much of the day.

Fronts gave rain in south-west England early on the 29th, but their progress further east was slowed down considerably by the cold air, stuck over the rest of the country. Rain arrived here eventually in the afternoon, accompanied by hill fog. The month ended with a bright and mild day.

## DECEMBER

Fronts crossed the area on the 1st, but rising pressure ensured only a small amount of rain, with a westerly airflow giving mild weather for the next two days. A cold front swept through early on the 4th, but again there was not much rain. After a ridge of high pressure, for the 5th and 6th, an active front brought a couple of hours of heavy rain early on the 7th, which marked the change to a prolonged period of wet and windy weather.

A deep depression moved east-south-east over Scotland on the 8th. Very strong winds developed on its southern flank, with a gale blowing from the middle of that afternoon until the early hours of the next day. During the following two weeks the very changeable conditions continued, as a series of depressions and their fronts crossed the British Isles. The fronts brought spells of prolonged rain, with sunny intervals and blustery showers during the intervening periods. Hail was a frequent accompaniment to the showers, along with the odd very short-lived thunderstorm. For much of this time temperatures were well above normal, except for a brief incursion of cold air on the 14th. Strong winds were also a notable feature throughout.

Changes began to occur on the 21st, as the airflow tended to veer towards the north-west. Fronts still crossed the country, bringing more rain, but this time a complex area of low pressure began to form over the North Sea. This resulted in colder air coming south across the United Kingdom. Several places managed a covering of snow by Christmas day whilst we had a spell of rain early and late.

A weak ridge of high pressure covered the British Isles on the 26th and Holiday Monday. This produced quiet weather, although it was rather cloudy at times and a light northerly wind kept it cold. Luckily the two holidays were quite sunny, with rain early on the 28th soon clearing. This was an indication, though, that we were going back to the unsettled conditions of before. Indeed the last three days were windy and mild, with heavy rain especially on the 30th or frequent showers of rain or hail.

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

WEATHER REPORT - 1993

MONTH	MEAN AIR TEMPERATURE		RAINFALL		SUNSHINE	
	1993 °C	DIFFERENCE FROM AVERAGE	1993 mm	PERCENTAGE OF AVERAGE	1993 hr	PERCENTAGE OF AVERAGE
JAN	8.6*	+ 2.4	63.9	66.4	57.8	109.9
FEB	5.9	0.0	13.3	16.8	61.4	77.6
MAR	7.8	+ 0.9	33.8	48.1	135.4	103.1
APR	9.9	+ 1.4	51.2	99.6	147.4	80.6
MAY	12.2	+ 1.0	30.2	59.4	193.9	82.9
JUN	14.6	+ 0.7	56.6	122.0	234.9	98.2
JUL	15.3	- 0.6	55.9	149.9	208.2	82.9
AUG	15.5	- 0.7	63.1	138.4	263.6	116.7
SEP	14.2	- 0.8	132.9	207.3	180.5	107.2
OCT	11.2	- 1.4	89.6	105.6	110.0	93.9
NOV	7.7	- 1.6	69.0	67.6	74.1	103.3
DEC	8.2	+ 0.8	151.8	145.0	45.5	89.0
YEAR	11.0	+ 0.2	811.3	97.4	1712.7	94.9

\* NEW RECORD



METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

RAINFALL

MONTH	RAINFALL (Millimetres)						WETTEST DAY		RAIN DAYS ( $\geq 0.2$ )		WET DAYS ( $\geq 1.0$ )	
	19 93	AVERAGE 1961 - 90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1993	DATE	1993	AVERAGE 1961 - 90	1993	AVERAGE 1961-90
JAN	63.9	96.3	190.4	1988	15.4	1992	15.1	10	21	20.0	13	15.8
FEB	13.3	79.3	182.8	1978	4.8	1965	5.1	6	8	15.9	4	12.3
MAR	33.8	70.2	160.2	1947	2.7	1961	16.2	31	8	16.1	4	12.2
APR	51.2	51.4	130.4	1966	2.9	1980	15.3	4	17	13.3	10	9.9
MAY	30.2	50.8	109.8	1967	4.1	1989	12.2	24	11	12.4	6	9.4
JUN	56.6	46.4	129.7	1986	0.6	1976	20.0	11	11	10.3	8	6.8
JUL	55.9	37.3	120.2	1960	6.6	1983	8.1	10	18	9.6	11	6.5
AUG	63.1	45.6	122.0	1951	3.8	1955	42.5	22	8	11.1	6	7.6
SEP	132.9	64.1	194.5	1952	7.3	1959	24.0	12	19	13.1	15	9.6
OCT	89.6	84.9	233.9	1960	3.4	1978	21.9	1	16	15.3	12	11.9
NOV	69.0	102.1	192.5	1965	16.1	1978	14.8	9	14	19.0	10	14.9
DEC	151.8	104.7	227.2	1965	28.1	1953	14.6	29	28*	19.1	24	15.4
YEAR	811.3	833.1	1317.0	1960	531.3	1989	42.5	22/8	179	175.1	123	132.0

\* NEW RECORD

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

SUNSHINE

MONTH	SUNSHINE (HOURS)						SUNNIEST DAY		PERCENTAGE OF POSSIBLE SUNSHINE		SUNLESS DAYS	
	19 93	AVERAGE 19 61- 90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1993	DATE	1993	AVERAGE 1961 - 90	1993	AVERAGE 1961 - 90
JAN	57.8	52.6	97.2	1959	26.0	1966	6.2	2	21.5	19.5	15	11.2
FEB	61.4	79.1	140.9	1959	36.1	1976	8.4	13	20.9	26.9	11	7.5
MAR	135.4	131.3	206.1	1973	67.4	1964	10.7	24	36.8	35.7	6	5.2
APR	147.4	182.9	280.4	1984	122.2	1981	12.7	20	36.1	44.8	2	2.6
MAY	193.9	233.9	336.4	1989	136.9	1981	13.3	15	41.0	49.5	2	1.8
JUN	234.9	239.3	355.3	1975	147.8	1977	15.1	21	48.8	49.7	4	2.2
JUL	208.2	251.2	335.9	1959	167.7	1972	14.6	7,12	43.0	51.8	3	1.3
AUG	263.6	225.9	323.0	1955	155.2	1968	13.4	7	59.6	51.0	3	1.4
SEP	180.5	168.4	266.5	1959	104.5	1956	12.5	1	47.9	44.7	2	2.6
OCT	110.0	117.2	176.4	1971	72.6	1968	9.6	18	33.2	36.1	6	4.7
NOV	74.1	71.7	117.7	1988	38.9	1981	7.3	19	27.3	26.4	5	6.9
DEC	45.5	51.1	98.5	1962	26.6	1966	4.7	21	17.8	20.0	7	11.5
YEAR	1712.7	1804.5	2262.8	1959	1532.5	1981	15.1	21/6	38.4	40.5	66	59.0

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

TEMPERATURE (°C)

MONTH	MEAN DAILY AIR TEMPERATURE						MEAN DAILY RANGE					
	1993	AVERAGE 19 61- 90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR	1993	AVERAGE 19 61-90	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	8.6*	6.2	8.3	1975	1.5	1963	3.4	3.7	4.7	1984	3.1	1957/66/76/91
FEB	5.9	5.9	9.0	1990	1.5	1986	2.9*	3.8	4.6	1988	3.0	1986
MAR	7.8	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	4.3	5.0	6.3	1984	4.2	1972/78
MAY	12.2	11.2	13.9	1989	9.9	1984	5.4	5.6	7.3	1989	4.6	1981
JUN	14.6	13.9	16.7	1976	11.3	1972	6.1	5.8	8.3	1976	4.1	1977
JUL	15.3	15.9	19.4	1983	13.8	1954	4.8	6.0	7.9	1983	4.4	1954
AUG	15.5	16.2	18.5	1955	14.3	1956	5.7	5.6	7.3	1955	4.3	1958
SEP	14.2	15.0	17.5	1949	12.8	1986	4.6	5.0	6.1	1961	3.6	1967
OCT	11.2	12.6	14.5	1959	9.6	1974	3.3*	4.2	5.1	1947	3.5	1968
NOV	7.7*	9.3	10.9	1978	7.7	1985	3.9	3.8	4.9	1969	3.1	1957/81
DEC	8.2	7.4	10.1	1953	4.6	1950	4.1	3.7	4.5	1968	2.8	1987
YEAR	11.0	10.8	12.1	1989	9.6	1963	4.5	4.7	5.2	1949/89/90	4.3	1977

\*NEW RECORD

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

TEMPERATURE (°C)

MONTH	MEAN MAXIMUM		WARMEST DAY				MEAN MINIMUM		COLDEST DAY			
	1993	AVERAGE 1961-90	19 93	DATE	RECORD HIGHEST	DATE	19 93	AVERAGE 19 61- 90	19 93	DATE	RECORD LOWEST	DATE
JAN	10.3*	8.1	13.1	13	13.3	4/48	6.9	4.4	0.5	2	-7.8	20/63
FEB	7.3	7.8	11.2	15	15.0	29/48	4.4	4.0	-0.4	28	-7.2	21/48, 7/91
MAR	10.0	9.2	14.5	15	19.4	29/65	5.6	4.7	0.0	1	-2.2	10,11/58
APR	12.0	11.0	16.6	20	23.0	22/84	7.7	6.0	3.6	2	-1.4	11/86
MAY	14.9	14.0	22.2	23	25.6	24/89	9.5	8.4	6.7	15	0.1	2/79
JUN	17.7	16.8	23.4	9	30.8	26/76	11.6	10.9	9.9	5	5.4	1/75
JUL	17.7	18.9	19.7	2	31.7	1/52	12.9	12.9	9.7	11	8.3	8/54
AUG	18.3	19.0	22.2	21	32.8	3/90	12.6	13.4	10.3	23,29	9.2	28/86
SEP	16.5	17.5	20.7	2	30.6	2/61	11.9	12.5	9.2	17	5.8	28/74
OCT	12.8	14.7	16.1	5	23.3	45/59	9.5	10.5	5.9	20	3.9	30/83
NOV	9.6*	11.2	14.4	4	16.7	6/55	5.7	7.4	0.0	22,28	0.0	18/52,19/85
DEC	10.2	9.3	12.5	19	15.6	6/53	6.1	5.6	1.5	26	-3.8	24/63
YEAR	13.2	13.1	23.4	9/6	32.8	3/8/ 90	8.7	8.4	-0.4	28/2	-7.8	20/1/63

\*NEW RECORD

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

TEMPERATURE (°C)

MONTH	LOWEST GRASS MINIMUM TEMPERATURE				FROST (NUMBER OF DAYS OF)							
					AIR				GRASS MINIMUM BELOW 0°C			
	1993	DATE	RECORD LOWEST	DATE	1993	AVERAGE 1961-90	RECORD HIGHEST	YEAR	1993	AVERAGE 1961-90	RECORD HIGHEST	YEAR
JAN	-5.7	2	-10.0	29/1947	0	2.5	16	1963	6	7.4	20	1985
FEB	-2.5	6	-11.1	12/1978	1	2.6	18	1986	5	7.8	24	1956
MAR	-5.3	26	-9.4	3/1965	0	0.6	4	1947	7	7.0	18	1955
APR	-1.7	15	-7.0	5/1990	0	0.1	1	1978/86	1	4.5	10	1984
MAY	1.4	3	-5.6	5/1979	0	0.0	—		0	2.0	9	1979
JUN	2.2	25	-3.0	14/1987	0	0.0	—		0	0.3	3	1987/89
JUL	5.3	8	1.5	4/1984	0	0.0	—		0	0.0	—	
AUG	2.0	13	0.8	11/1981	0	0.0	—		0	0.0	—	
SEP	3.0	17	-1.0	23/1979	0	0.0	—		0	0.1	1	1979/86/87
OCT	-0.5	16	-4.0	30/1983	0	0.0	—		1	0.5	6	1992
NOV	-6.7*	23	-5.6	29/1987	0	0.0	—		6	3.3	9	1988
DEC	-6.0	27	-8.9	29/1964	0	1.0	5	1970	4	5.4	10	1976
YEAR	-6.7	23/11	-11.1	12/2/1978	1	6.7	31	1963	30	38.4	62	1985

\*NEW RECORD

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

MEAN ATMOSPHERIC PRESSURE (Millibars) AT MEAN SEA LEVEL

MONTH	MEAN AT 0900 G.M.T.					
	19 93	AVERAGE 1951-80	RECORD HIGHEST	YEAR	RECORD LOWEST	YEAR
JAN	1022.4	1016.2	1030.5	1992	1001.1	1948
FEB	1031.6	1015.6	1032.1	1959	1003.5	1966
MAR	1022.2	1016.1	1029.9	1953	1003.0	1947
APR	1010.5	1015.6	1025.1	1954	1008.2	1983
MAY	1013.8	1015.7	1023.7	1956	1007.8	1983
JUN	1018.1	1018.0	1024.5	1962	1013.7	1963/1981
JUL	1019.1	1018.8	1023.5	1969	1013.9	1988
AUG	1021.0	1017.6	1022.0	1981	1011.9	1963
SEP	1010.9*	1017.7	1024.2	1977	1011.2	1965
OCT	1013.0	1016.4	1024.5	1971	1003.9	1960
NOV	1019.2	1015.7	1026.2	1978	1003.0	1963
DEC	1010.0	1016.2	1026.9	1975	1000.6	1978
YEAR	1017.6	1016.6	1019.8	1949	1013.4	1960

\*NEW RECORD

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

MISCELLANEOUS PHENOMENA

MONTH	NUMBER OF DAYS OF							
	FOG		THUNDER		SNOW OR SLEET		HAIL	
	1993	AVERAGE 1951-80	1993	AVERAGE 1951-80	1993	AVERAGE 1951-80	1993	AVERAGE 1951-80
JAN	12	5.9	0	0.7	0	3.4	0	5.1
FEB	11	6.0	0	0.5	4	4.5	1	3.4
MAR	6	7.2	0	0.4	1	2.7	1	3.7
APR	13	6.4	0	0.4	0	0.8	0	2.4
MAY	4	7.2	3	1.1	0	0.1	0	0.6
JUN	15	10.2	2	1.2	0	0.0	0	0.1
JUL	15	10.3	0	1.3	0	0.0	0	0.1
AUG	9	8.8	3	1.2	0	0.0	0	0.2
SEP	2	6.2	3	1.1	0	0.0	1	0.4
OCT	1	3.9	0	1.3	0	0.0	0	1.6
NOV	6	3.1	2	0.9	3	0.7	2	4.2
DEC	5	4.1	4	0.8	0	2.1	10	3.9
YEAR	98	79.2	17	11.0	8	14.6	15	25.7

METEOROLOGICAL OFFICE - GUERNSEY AIRPORT

WIND SPEED

MONTH	MEAN SPEED (KNOTS)		NUMBER OF DAYS OF GALES				HIGHEST GUST (Knots)			
	19 93	AVERAGE 19 61-90	19 93	AVERAGE 19 61-90	RECORD HIGHEST	YEAR	1993	DATE	RECORD HIGHEST	DATE
JAN	14.7	14.9	1	2.7	11	1984	57	13	77	25/1990
FEB	9.8	14.0	0	1.6	10	1990	39	27	69	9/1988
MAR	9.2*	13.0	0	1.1	6	1980	36	4	70	11/1990 10/1982
APR	11.7	12.2	0	0.3	2	1962/72/83	44	1	59	5/1983
MAY	12.1	11.3	0	0.1	1	1954/55/58	38	12	57	2/1954
JUN	9.6	10.5	0	0.0	0	1962/72/79	46	12	51	16/1965
JUL	11.5	10.3	0	0.0	1	—	35	9	63	31/1983
AUG	9.2	10.3	0	0.1	1	1956/69	33	10	52	26/1986
SEP	10.1	11.3	0	0.3	2	1956/61/86	50	12	60	29/1962
OCT	14.3	12.5	0	0.8	4	1953/65/74/83	37	3,6	81	16/1987
NOV	10.9	14.1	1	1.7	8	1967/76	50	14	73	23/1984
DEC	18.3	14.9	3	2.3	9	1977	60	9	83	15/1979
YEAR	11.8	12.4	5	11.1	20	1972	60	9/12	83	15/12/1979

EQUIVALENTS:

	BEAUFORT FORCE	KNOTS	MPH
*NEW RECORD	3	7-10	8-12
	4	11-16	13-19
	5	17-21	20-24



MONTH	DIRECTION RANGE		350	020	050	080	110	140	170	200	230	260	290	320	SPEED ONLY
	SPEED RANGE		-010	-040	-070	-100	-130	-160	-190	-220	-250	-280	-310	-340	
JAN	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	2.3
	4 -10	"	0.1	1.1	2.0	4.2	2.3	1.1	3.9	1.1	2.4	2.3	1.1	1.1	22.6
	11-21	"			2.0	0.5	0.4	3.6	9.4	19.6	17.5	6.5	1.7	2.1	63.4
	22-33	"							0.3	2.4	4.2	3.8	0.8		11.4
	≥ 34	"								0.3					0.3
	DIRECTION ONLY		0.1	1.1	4.0	4.7	2.7	4.7	13.6	23.4	24.1	12.5	3.6	3.2	
FEB	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	5.8
	4 -10	"	5.2	5.2	6.5	11.8	7.4	9.2	3.0	1.5	1.3	1.6	1.8	4.8	59.4
	11-21	"	7.3	4.2	1.6	4.3	2.7	0.7	0.4	0.9	2.1	0.7	5.4	3.3	33.6
	22-33	"		0.3									0.6	0.3	1.2
	≥ 34	"													
	DIRECTION ONLY		12.5	9.7	8.2	16.1	10.1	10.0	3.4	2.4	3.4	2.4	7.7	8.3	
MAR	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	6.3
	4 -10	"	2.3	5.2	2.0	3.8	9.1	12.6	8.1	7.1	3.8	2.0	2.1	4.7	62.9
	11-21	"	0.3	9.7	2.3	1.9	1.2	1.6	3.0	0.8	5.1	2.1	2.1	0.1	30.2
	22-33	"			0.5										0.5
	≥ 34	"													
	DIRECTION ONLY		2.6	14.9	4.8	5.6	10.3	14.2	11.0	7.9	8.9	4.2	4.3	4.8	
APR	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	1.7
	4 -10	"	4.2	2.6	2.4	1.3	5.7	3.6	6.4	5.7	3.2	4.2	3.7	0.6	43.5
	11-21	"	0.4	4.2	6.9	0.6	2.5	4.3	5.1	2.9	9.6	11.4	2.9	0.3	51.1
	22-33	"		0.8	0.3							1.4	0.8	0.4	3.7
	≥ 34	"													
	DIRECTION ONLY		4.6	7.6	9.6	1.8	8.2	7.9	11.5	8.6	12.8	16.9	7.5	1.3	
MAY	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	0.4
	4 -10	"	3.6	5.0	2.0	0.9	4.8	6.6	2.3	2.3	2.1	2.3	3.6	2.7	38.3
	11-21	"	0.4	7.1	14.1	1.7	2.6	2.7	4.6	4.0	7.3	7.8	2.8	3.4	58.5
	22-33	"			2.4						0.4				2.8
	≥ 34	"													
	DIRECTION ONLY		4.0	12.1	18.5	2.7	7.4	9.3	6.9	6.3	9.8	10.1	6.5	6.0	
JUN	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	4.3
	4 -10	"	11.4	12.2	5.8	2.8	1.8	2.4	3.2	2.2	3.9	3.6	6.3	6.7	62.2
	11-21	"	0.1	1.9	4.4	0.1	0.1			1.9	5.0	8.5	6.4		28.6
	22-33	"										4.7	0.1		4.9
	≥ 34	"													
	DIRECTION ONLY		11.5	14.2	10.3	2.9	1.9	2.4	3.2	4.2	8.9	16.8	12.8	6.7	
JUL	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	0.8
	4 -10	"	3.4	0.8	0.4			0.5	3.4	3.5	3.8	10.1	9.0	7.4	42.2
	11-21	"	2.8	1.2				0.1	0.9	2.4	19.1	18.9	10.5	0.8	56.9
	22-33	"													0.1
	≥ 34	"													
	DIRECTION ONLY		6.2	2.0	0.4			0.7	4.3	5.9	22.8	29.2	19.5	8.2	
AUG	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	10.2
	4 -10	"	5.5	8.6	6.0	1.9	1.5	2.1	2.6	4.3	5.6	3.5	6.7	4.2	52.6
	11-21	"	1.6	7.8	5.8	0.3				2.1	6.7	7.0	5.9		37.2
	22-33	"													
	≥ 34	"													
	DIRECTION ONLY		7.1	16.4	11.8	2.1	1.5	2.1	2.6	6.5	12.4	10.5	12.6	4.2	
SEP	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	11.0
	4 -10	"	6.5	3.9	3.9	2.1	3.3	4.4	2.1	2.5	4.3	1.1	4.7	8.3	47.2
	11-21	"	1.7	1.4	2.6	2.1	1.5	4.6	5.6	6.1	4.0	3.3	2.1	2.6	37.6
	22-33	"	0.4		0.1	0.4	1.7	1.0	0.3		0.3				4.2
	≥ 34	"													
	DIRECTION ONLY		8.6	5.3	6.7	4.6	6.5	10.0	7.9	8.6	8.6	4.4	6.8	11.0	
OCT	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	3.6
	4 -10	"	1.1	2.6	2.8	1.9	1.6	1.5	1.2	1.7	0.7		0.5	1.3	16.9
	11-21	"	3.6	14.1	17.3	8.2	0.8	3.1	8.6	9.3	6.7	1.7	3.6	0.9	78.1
	22-33	"			1.2	0.1									1.3
	≥ 34	"													
	DIRECTION ONLY		4.7	16.7	21.4	10.2	2.4	4.6	9.8	11.0	7.4	1.7	4.2	2.3	
NOV	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	6.7
	4 -10	"	4.4	4.0	3.6	5.7	4.9	2.8	2.6	2.4	4.0	1.7	1.0	1.9	39.0
	11-21	"	0.4	1.9	4.2	8.6	13.1	6.8	2.6	6.5	1.3	1.1	4.3	0.8	51.7
	22-33	"								0.1	0.7	0.1	1.5	0.1	2.6
	≥ 34	"													
	DIRECTION ONLY		4.9	6.0	7.8	14.3	17.9	9.6	5.3	9.0	6.0	2.9	6.8	2.9	
DEC	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	3.8
	4 -10	"	2.7	0.9	0.4				0.3		2.4	3.5	1.3		12.6
	11-21	"	1.6	0.3				0.1	4.0	8.1	12.8	12.5	9.1		48.5
	22-33	"	0.7							3.1	12.5	10.1	6.2	1.1	33.6
	≥ 34	"									0.3	1.2			1.5
	DIRECTION ONLY		5.0	1.2	0.4			0.1	4.3	12.2	28.0	27.3	16.7	1.1	
YEAR	0 - 3	knots	—	—	—	—	—	—	—	—	—	—	—	—	4.7
	4 -10	"	4.2	4.3	3.1	2.9	3.5	3.9	3.2	3.0	3.1	3.0	3.5	3.6	41.4
	11-21	"	1.7	4.5	5.1	2.3	2.0	2.3	3.7	5.4	8.2	6.9	4.7	1.2	48.1
	22-33	"	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.5	1.5	1.7	0.8	0.2	5.6
	≥ 34	"								(0.02)	(0.02)	0.1			
	DIRECTION ONLY		5.9	8.9	8.7	5.3	5.7	6.3	7.0	8.9	12.9	11.7	9.1	5.0	

ROCQUAINE

MONTH	TEMPERATURE ( c )						RAINFALL (mm)			MEAN CLOUD COVER % 9 a.m
	Mean Max	HIGHEST Max	Date	MEAN Min	LOWEST Min	Date	TOTAL	WETTEST Day	Date	
JANUARY	11.4	14.2	16	7.0	-1.4	2	64.6	16.0	10	75.4
FEBRUARY	8.9	12.3	15	4.7	-1.2	24	14.0	5.1	6	78.7
MARCH	11.4	15.7	15	5.7	0.8	1	35.3	18.4	31	69.8
APRIL	13.7	18.8	20	8.4	5.2	15	55.1	13.8	4	75.8
MAY	16.4	23.8	23	10.1	5.5	4	41.6	14.2	24	68.5
JUNE	18.8	24.9	8	11.8	9.4	4	47.4	17.5	11	65.0
JULY	18.9	20.5	17	13.6	10.0	11	50.1	9.4	10	75.8
AUGUST	19.9	24.4	21	13.1	9.3	25	63.0	42.0	22	67.7
SEPTEMBER	17.6	20.9	1,2	12.0	8.7	18	133.1	27.6	12	64.6
OCTOBER	13.6	17.2	4	9.8	5.3	19	78.8	18.6	13	74.6
NOVEMBER	10.4	16.8	4	5.5	-0.6	22	80.4	15.8	9	66.7
DECEMBER	10.9	12.8	19	7.3	1.6	27	145.2	14.7	12	79.0
YEAR	14.4	24.9	8/6	9.1	-1.4	2/1	808.6	42.0	22/8	71.3

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

JANUARY 1993

DATE	BAROMETER	TEMPERATURE (°C)						WIND				RAIN	SUN	WEATHER	
	mb at msl	Air			Grass	Soil (cm)		Dir'n	Speed (knots)						
		9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm		hrs
Fri 1	<u>1033.9</u>	6.7	2.3	4.5	-1.6	6.0	8.1	110	09	8.2	18	NIL	5.5	Cldy,mist,dew early.Fine dry air pm.	
Sat 2	1031.7	5.0	<u>0.5</u>	<u>2.7</u>	<u>-5.7</u>	4.8	8.0	120	11	8.1	18	NIL	<u>6.2</u>	Fine,haze.Hoar frost early and late.	
Sun 3	1029.9	<u>4.2</u>	1.1	<u>2.7</u>	<u>-4.0</u>	4.0	7.9	150	12	12.1	30	4.0	6.1	Fine, haze.Hoar frost early. Fair,dry air pm	
Mon 4	1023.6	<u>8.0</u>	2.3	5.1	-1.7	<u>3.8</u>	7.7	180	11	12.6	27	0.4	NIL	Cloudy.Rain mid am. Fog patches. Mist.	
Tues 5	1023.5	11.9	6.0	8.9	5.0	5.5	<u>7.4</u>	200	14	14.5	31	0.1	NIL	Cloudy then drzl,thick fog.Cloudy pm. Fog late.	
Wed 6	1028.3	11.8	<u>10.7</u>	<u>11.3</u>	<u>10.3</u>	7.5	<u>7.4</u>	230	15	14.5	35	8.3	NIL	Drzl and fog. Fog patches. Rain and drzl.	
Thur 7	1025.2	11.3	<u>9.8</u>	<u>10.6</u>	<u>9.3</u>	8.4	<u>7.7</u>	220	16	13.9	30	1.4	NIL	Rain, drzl and fog.Thick fog. Cldy. Rain evng.	
Fri 8	1030.7	10.7	4.3	7.5	-2.0	7.9	8.0	310	05	10.0	31	0.2	4.2	Rain,then fair or fine. Cldy evng. Rain later.	
Sat 9	1018.5	11.7	8.0	9.9	2.7	7.9	8.1	210	18	16.8	35	5.6	NIL	Rain, drzl, fog patches. Cldy. Rain, drzl evng.	
Sun 10	1007.2	12.0	9.9	10.9	8.7	8.7	8.2	210	<u>29</u>	<u>23.5</u>	51	<u>15.1</u>	NIL	Cloudy, tempo rain. Heavy rain pm.	
Mon 11	<u>997.2</u>	11.0	8.5	9.7	8.7	9.1	8.4	230	24	20.4	41	9.1	NIL	Rain, tempo hvy. Cloudy tempo rain.	
Tue 12	1009.1	9.1	5.5	7.3	3.0	8.4	8.5	260	<u>29</u>	20.0	44	2.2	5.7	Rain than fair. Slight showers.	
Wed 13	1005.7	<u>13.1</u>	7.5	10.3	3.3	7.6	8.7	170	20	20.8	<u>57</u>	4.2	NIL	Cldy. Tempo hvy rain. Gale early pm. Fair late pm	
Thu 14	1025.9	<u>11.0</u>	8.2	9.6	4.3	7.9	8.5	220	13	14.0	<u>31</u>	0.2	5.3	Mainly fair. Slt showers am. Cloudy late pm.	
Fri 15	1015.0	11.6	9.3	10.5	6.5	8.1	8.6	210	20	16.9	35	0.8	2.3	Fair to cloudy. Rain, drzl late am. Fine.	
Sat 16	1024.7	12.6	9.2	10.9	5.9	8.6	8.6	190	16	14.5	30	1.7	5.1	Fine, dew. Cloudy very slt drzl. Fine pm.	
Sun 17	1019.7	11.2	7.5	9.3	6.5	8.8	8.6	220	13	13.3	32	TR	NIL	Fine becoming cloudy. Rain mid am.	
Mon 18	1030.9	9.8	6.1	7.9	0.9	8.0	8.8	230	07	11.6	30	0.3	5.3	Fair or fine. Cloudy late pm.	
Tue 19	1025.1	10.2	6.0	8.1	1.3	7.9	8.7	250	06	15.4	32	0.4	1.3	Slit rain early then fair.Rain,drzl,fog patch pm.	
Wed 20	1021.6	11.2	9.7	10.5	<u>8.0</u>	8.5	8.7	220	20	<u>19.2</u>	35	0.8	0.1	Cldy tempo slit rain. M rain,drzl,fog patches pm	
Thu 21	1027.6	11.4	9.5	10.5	7.7	8.8	8.7	210	15	17.6	37	2.2	NIL	Cloudy. Slt,drzl,midday. Rain,drzl,fog evng.	
Fri 22	1022.3	11.0	7.8	9.4	10.2	<u>9.3</u>	8.8	230	20	16.4	35	1.2	NIL	Rain,drzl,thick fog.Drzl,fog patches.Fair evng.	
Sat 23	1025.2	11.1	7.5	9.3	3.5	8.8	8.9	190	12	15.9	39	2.4	NIL	Fair bec cldy.Rain,drzl ocnl thick fog.Cldy pm.	
Sun 24	1020.4	11.5	9.0	10.3	7.4	9.2	<u>9.0</u>	260	20	22.9	42	0.1	3.3	Tempo rain mid am.Then fair to cloudy.Rain.	
Mon 25	1026.4	9.0	4.6	6.8	4.5	8.5	<u>9.0</u>	320	15	16.8	39	TR	NIL	Fair,dry air bec cldy.Slt showers am. Cloudy.	
Tue 26	1032.1	9.9	3.7	6.8	-0.1	7.4	<u>9.0</u>	280	10	15.7	35	TR	0.2	Cloudy. Slt rain or drzl evening.	
Wed 27	1024.7	10.2	8.8	9.5	8.0	8.0	<u>9.0</u>	290	16	16.0	32	0.8	NIL	Cloudy.Slt drzl am. Mist. Tempo rain evening.	
Thur 28	1017.1	9.8	9.0	9.4	6.9	8.6	8.8	210	14	11.6	23	2.4	NIL	Cloudy.Mist.Tempo rain am.Rain,drzl,pm.Fog.	
Fri 29	1017.9	11.5	7.5	9.5	1.8	8.2	<u>8.9</u>	170	<u>04</u>	<u>4.6</u>	15	TR	1.7	Fair to cldy.Shallow fog am. Fog patches evng.	
Sat 30	1024.1	10.0	7.6	8.8	2.3	8.8	8.9	100	07	6.4	14	TR	3.4	Cloudy with mist.Sunny pm. Cloudy haze evening.	
Sun 31	1030.3	9.1	5.4	7.3	4.8	8.7	<u>9.0</u>	70	10	11.9	28	NIL	2.1	Cloudy, mist or haze. Slt drzl am. Tempo fair.	
Mean	1022.4	10.3	6.9	8.6	4.1	7.8	8.5	SW	14.5	14.7	Sum	63.9	57.8	TOTALS FOR YEAR TO DATE	
Period Average	1016.2	8.1	4.4	6.2	2.5	6.4	7.8	W	14.7	14.9	Period Av.	96.3	52.6	Rain 63.9 mm	Sun 57.8 hrs
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun			Rain days 20	Sunless days 15
	21	13	0	0	0	6	0	0	12	1	15	Extreme values are underlined			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

February 1993

DATE	BAROMETER	TEMPERATURE (°C)						WIND				RAIN	SUN	WEATHER
	mb at msl	Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs	
Mon 1	1034.7	6.0	4.0	5.0	2.2	7.9	<u>9.0</u>	110	14	12.4	26	nil	1.3	Cldy with haze. Ocr'l fair p.m.
Tue 2	1038.7	7.1	4.9	6.0	3.0	7.4	8.9	160	05	6.3	16	nil	0.4	Cldy with haze. Fair late a.m. then cldy. Fog
Wed 3	<u>1041.1</u>	5.2	4.6	4.9	5.6	7.7	8.8	050	04	6.5	16	nil	nil	Fog ocr'l thick. Cloud and mist p.m.
Thu 4	1035.8	5.1	3.8	4.5	4.2	7.5	8.7	090	08	7.4	15	nil	nil	Cldy with mist then haze.
Fri 5	1036.8	6.7	2.5	4.6	2.2	7.1	8.7	090	05	4.3	13	nil	1.6	Cldy with haze a.m. Ocr'l fair p.m. Mist late p.m.
Sat 6	1037.9	6.9	2.9	4.9	<u>-2.5</u>	6.8	8.7	290	<u>04</u>	4.5	11	<u>5.1</u>	0.6	Cldy with mist then haze. Tempo fair p.m. rain, fog
Sun 7	1035.5	9.4	6.9	8.1	5.5	7.5	8.5	060	06	7.9	20	0.1	nil	Rain drzl and fog erly. Then fog patches
Mon 8	1034.5	9.0	6.0	7.5	7.0	7.7	8.4	090	12	12.4	24	0.1	nil	Cldy ocr'l drzl. Haze p.m.
Tue 9	1031.3	6.1	4.4	5.3	5.4	7.6	8.5	110	06	7.4	<u>17.7</u>	TR	nil	Cldy, mist ocr'l drzl.
Wed 10	1028.9	5.3	3.4	4.9	4.2	7.2	8.5	090	08	9.0	17	nil	nil	Cldy with mist. Fog erly p.m. Thick fog late p.m.
Thu 11	1028.8	5.6	4.3	4.9	4.3	7.0	8.4	120	09	9.3	19	nil	nil	Overcast, thick fog. Tempo mist. Thick fog evng
Fri 12	1032.9	6.9	5.0	5.9	4.5	7.2	8.4	110	06	8.4	17	TR	nil	Overcast, thick fog
Sat 13	1033.6	10.0	5.4	7.7	2.9	7.4	8.3	140	09	8.1	17	TR	<u>8.4</u>	Fog early then fine with haze.
Sun 14	1029.9	9.0	4.6	6.8	2.8	7.3	8.3	150	10	8.4	17	TR	1.7	Fine haze and dew. Cldy, fog patches. Fine again p.m.
Mon 15	1035.6	<u>11.2</u>	5.4	8.3	-1.0	7.0	8.4	150	06	<u>3.7</u>	11	0.3	6.8	Fine haze, dew, shallow fog early. Fine. Fog patches late p.m.
Tue 16	1037.5	9.0	5.2	7.1	1.1	7.5	8.3	040	09	7.5	19	TR	5.7	Cldy, mist slt drzl mid am. Fine late am
Wed 17	1032.2	9.0	7.8	8.4	1.9	7.9	8.4	350	10	7.5	17	TR	nil	Cldy. Slt drzl erly am and evng.
Thu 18	1031.8	9.2	<u>7.5</u>	<u>8.3</u>	<u>7.3</u>	<u>8.2</u>	8.3	220	06	7.9	26	0.7	nil	Cldy drzl early. Mist. Rain, drzl early to mid pm
Fri 19	1027.1	8.8	5.9	7.3	3.6	7.9	8.4	310	<u>23</u>	15.7	36	TR	2.6	Cldy then tempo fine. Cldy. Slt rain midday
Sat 20	1033.5	9.0	4.8	6.9	1.4	7.6	8.5	340	09	12.5	36	nil	4.3	Cldy. Tempo fair to early pm. Cldy.
Sun 21	1025.4	9.2	5.2	7.2	4.5	7.7	8.5	330	18	<u>17.5</u>	36	0.3	4.2	Cldy. Tempo fair. Slt shwr am. Slt rain/hail evng
Mon 22	1028.2	7.2	3.1	5.1	-0.5	7.2	8.5	360	12	9.0	21	TR	5.7	Fine, bec fair. Dry air. Cldy evening
Tue 23	1029.1	6.5	2.5	4.5	2.5	7.2	8.4	030	10	9.5	20	TR	3.6	Cldy, slt shwrs. Tempo fair pm
Wed 24	1034.5	4.4	2.5	3.5	-1.4	6.2	8.3	190	09	7.3	15	TR	nil	Fine bec cldy. Dry air. Light snow late am
Thu 25	1026.2	7.1	4.3	5.7	2.5	6.0	8.2	230	15	14.9	32	3.2	3.5	Cldy. Tempo fair late am. Rain evng
Fri 26	<u>1015.5</u>	8.0	4.0	6.0	3.7	7.0	8.1	320	16	14.7	32	1.0	0.3	Rain erly then cldy. Slt shwrs. Sleet evng
Sat 27	1022.5	5.2	2.2	3.7	2.5	6.3	<u>8.0</u>	010	19	<u>17.5</u>	<u>39</u>	2.0	5.2	Fair ocr'l cldy. Shwrs early. Snow late pm
Sun 28	1024.7	<u>3.5</u>	<u>-0.4</u>	<u>1.5</u>	<u>-2.0</u>	<u>5.7</u>	<u>8.0</u>	020	16	16.4	32	0.5	5.5	Snow then cldy. Ocr'l fair. Snow shwrs
29														
30														
31														
Mean	1031.6	7.3	4.4	5.9	2.8	7.2	8.4	E	10.1	9.8	Sum	13.3	61.4	TOTALS FOR YEAR TO DATE
Period Average	1015.6	7.8	4.0	5.9	1.1	6.2	7.2	E	14.0	14.0	Period Av.	79.3	79.1	Rain 77.2 mm Rain days 29 Wet days 17 Sun 119.2 hrs Sunless days 26
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Extreme values are underlined		
	8	4	4	1	1	5	0	0	11	0	11			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

MARCH 1993

DATE	BAROMETER		TEMPERATURE (°C)					WIND				RAIN	SUN	WEATHER
	mb at msl		Air			Grass	Soil (cm)		Dir'n	Speed (knots)				
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs	
kn 1	1015.1	<u>4.4</u>	<u>0.0</u>	<u>2.2</u>	-1.8	<u>5.0</u>	7.8	060	15	13.8	28	0.8	2:6	Snow shows tempo fair.Hail.Fair evng
ke 2	<u>1007.5</u>	5.0	3.7	4.3	0.7	5.1	7.7	030	<u>20</u>	<u>18.0</u>	31	NIL	NIL	Cloudy,Haze from late a.m.
led 3	1018.5	6.0	3.8	4.9	3.7	5.1	7.3	030	13	13.7	33	NIL	NIL	Cloudy with haze
hu 4	1027.4	5.6	3:0	4.3	2.0	<u>5.0</u>	7.4	050	19	17.3	<u>36</u>	NIL	3.2	Cloudy with haze, dryair.Tempo fair
ri 5	1029.1	7.4	2.1	4.7	-2.1	<u>5.0</u>	7.3	340	05	6.4	17	NIL	0.7	Cloudy haze evening
at 6	1024.9	8.9	6.5	7.7	3.2	6.2	<u>7.2</u>	030	05	<u>3.3</u>	09	NIL	NIL	Cloudy,mist or haze early
un 7	1022.7	9.5	6.8	8.1	5.4	6.7	<u>7.2</u>	100	05	6.5	18	NIL	NIL	Cloudy,Tempo haze
kn 8	1018.9	10.6	4.3	7.5	1.5	6.9	7.4	080	13	12.9	29	NIL	9.7	Cloudy with haze, bec fair then fine
ke 9	1016.5	8.3	4.4	6.3	1.3	6.8	7.5	150	12	8.3	19	NIL	7.8	Fine bec fair p.m.Tempo cloudy. Haze
led 10	1022.4	10.7	6.7	8.7	1.0	7.0	7.5	200	06	5.6	12	NIL	NIL	Fine then cloudy. Fine late p.m.
hu 11	1022.9	12.8	6.3	9.5	2.5	7.5	7.6	120	07	7.7	19	0.7	9.6	Fine tempo fair
ri 12	1018.7	11.7	7.4	9.5	4.3	7.9	7.7	160	08	<u>7.8</u>	19	NIL	2.2	Fine dew early bec cloudy slt rain.Fine evng
at 13	1014.7	11.8	7.9	9.9	4.5	7.9	7.8	120	09	9.6	22	TR	5.3	Fine dew early, Bec fair to cloudy
un 14	1017.7	13.2	8.2	10.7	5.0	8.3	7.9	160	09	7.2	17	NIL	6.9	Cloudy haze Slt rain early.Fair or fine haze
kn 15	1025.4	<u>14.5</u>	7.9	<u>11.2</u>	4.5	8.7	8.0	150	06	5.5	14	NIL	10.0	Cloudy bec fine Haze Mist dew late p.m.
ke 16	1030.6	10.7	7.8	9.3	3.4	9.3	8.2	230	13	12.9	26	0.2	NIL	Fine mist then fog.Cloudy.Rain drzl fog p.m.
led 17	1029.4	11.7	<u>8.9</u>	10.3	<u>7.8</u>	9.3	8.3	250	12	12.9	25	TR	2.8	Drzl and fog early.Cloudy.Gempo fair early p.m.
hu 18	1028.8	11.1	8.2	8.7	<u>3.9</u>	<u>9.7</u>	8.5	230	09	8.3	16	NIL	1.8	Cloudy.Fair:evng Haze then mist
ri 19	1033.1	9.8	4.5	7.1	0.1	9.2	8.8	030	09	8.0	16	NIL	9.1	Fair or fine
at 20	1025.2	12.2	3.9	8.1	-2.0	8.5	8.7	090	05	4.7	11	NIL	9.7	Fine, dew early.Tempo fair p.m.
un 21	1014.6	11.0	7.4	9.2	3.0	9.1	8.7	240	10	7.6	15	3.3	0.2	Fine haze bec cloudy Mist fog patch a.m.
kn 22	1011.6	10.9	7.3	9.1	7.5	9.5	8.9	250	13	13.9	29	0.8	5.9	Rain drzl fog patches.Cloudy.Fair p.m.
ke 23	1027.3	10.2	4.5	7.3	1.0	9.1	8.9	280	10	9.4	20	NIL	4.2	Fine with dew bec fair.Cloudy late a.m. fair evng
led 24	1032.8	9.3	3.5	6.4	-0.9	8.7	<u>9.0</u>	350	10	8.8	20	NIL	<u>10.7</u>	Fine dew early
hu 25	<u>1036.6</u>	9.0	3.3	6.1	-3.3	8.3	<u>9.0</u>	030	09	6.7	17	NIL	9.2	Fine with dew Slt hoar frost.Fair ocul cloudy
ri 26	1034.4	9.6	3.6	6.6	<u>-5.3</u>	8.0	<u>9.0</u>	350	<u>02</u>	5.4	17	NIL	7.0	Fine bec cldy.Fair or fine p.m. Dryair
un 27	1024.5	9.0	3.5	6.3	0.1	7.7	8.9	200	<u>11</u>	8.7	19	NIL	7.3	Fine bec fair. Mainly Cloudy p.m.
kn 28	1016.1	9.8	4.9	7.3	-1.5	8.0	8.9	150	10	7.8	20	3.1	4.8	Mainly fair a.m. Cloudy p.m. tempo rain
ke 29	1016.1	11.5	6.9	9.2	4.5	8.4	8.8	200	06	7.8	18	NIL	2.9	Cloudy slt rain early. Tempo fair p.m.
led 30	1014.9	12.8	8.0	10.4	6.5	9.2	8.8	180	15	10.0	25	8.7	1.7	Cloudy Fair late a.m. Rain early p.m.
hu 31	1011.0	10.3	7.6	8.9	5.0	9.3	8.9	160	14	8.9	29	<u>16.2</u>	0.1	Rain to early p.m. Fog patches Fair late p.m.
Mean	1022.2	10.0	5.6	7.8	2.1	7.8	8.2	S	10.0	9.2	Sum	33.8	135.4	TOTALS FOR YEAR TO DATE
Period average	1016.1	9.2	4.7	6.9	2.5	7.1	7.5	W	13.3	13.0	Period Av.	70.2	131.3	Rain 111.0 mm Rain days 37 Wet days 21 Sun 254.6 hrs Sunless days 32
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Extreme values are underlined		
	8	4	1	1	0	7	0	0	6	0	6			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

April 1993

DATE	BAROMETER		TEMPERATURE (°C)					WIND				RAIN	SUN	WEATHER
	mb at msl		Air			Grass	Soil (cm)		Dir'n	Speed (knots)				
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs	
Thu 1	1008.2	10.1	4.5	7.3	4.0	9.0	9.0	330	26	17.4	44	0.6	7.3	Rain ocul heavy, Fine by p.m.
Fri 2	1016.7	11.0	3.6	7.3	0.8	8.5	9.0	290	12	10.8	25	0.2	10.3	Fair, slt shwrs early. Fair or fine.Cldy late p.m
Sat 3	1009.1	9.2	6.3	7.7	2.0	9.0	9.0	150	17	15.0	36	6.3	0.6	Cloudy, gradu rain.Hvy rain early p.m.Fog patch
Sun 4	1012.5	10.5	5.3	7.9	2.1	8.3	9.1	240	08	10.3	26	15.3	9.3	Fair.Sltshwr mid a.m. early p.m.Cloudy evening
Mon 5	999.7	11.4	8.0	9.7	5.4	9.1	9.0	240	16	18.3	34	0.2	6.7	Rain ocul hvy.Fog. Fair p.m. Slt Shwrs
Tue 6	1009.9	12.4	8.2	10.3	6.5	9.4	9.1	270	22	18.2	35	1.8	8.1	Fair or fine, slt shwr late a.m.Cldy rain by evngfog
Wed 7	1015.3	12.0	9.6	10.8	9.0	10.2	9.1	270	18	14.5	29	0.7	0.1	Rain drzl and fog.Mist, fog patches p.m.Drzl evening
Thu 8	1014.7	11.5	9.0	10.3	8.8	10.5	9.2	120	06	7.0	18	2.3	nil	Cldy.Drzl,tempo fog.Hvy rain mid p.m.Cldy mist
G Fri 9	1007.7	11.0	7.3	9.1	9.2	10.5	9.4	180	08	11.5	28	TR	2.7	Cldy, mist.Slt rain.Fog Patch late am.Fine by evng
Sat 10	1008.1	9.6	7.2	8.4	1.8	10.1	9.5	130	10	10.7	25	2.4	0.5	Fine dew erly.Cldy by dawn.Rain late a.m. Fog
Sat 11	997.8	11.0	8.0	9.5	6.3	9.7	9.6	200	15	13.8	31	0.8	4.2	Fair to cldy, shwrs. Fine evng
Mon 12	999.0	9.7	7.2	8.5	3.0	9.5	9.6	140	12	10.3	21	0.1	1.6	Fine dew early.Fiar.Cldy pm. Slt shwrs
Tue 13	1000.8	11.9	7.7	9.8	4.4	9.5	9.6	140	07	6.7	17	0.3	6.2	Cldy, slt shwr mid am Fair pm.Cldy evng
Wed 14	1010.5	9.2	4.7	6.9	6.2	10.2	9.6	040	14	10.2	21	nil	0.2	Cloudy, mist or haze.Slt shwrs.Fine evening
Thu 15	1020.9	10.1	4.3	7.2	-1.7	9.6	9.7	020	10	8.0	18	nil	9.8	Fair haze.Dew early.Fine pm. Haze
Fri 16	1026.2	12.3	6.0	9.1	0.7	9.8	9.7	250	10	11.2	26	2.6	1.5	Fine, mist,dew.Shallow fog.Cloudy with Haze
Sat 17	1021.6	11.0	9.0	10.0	8.1	10.4	9.7	240	16	14.4	27	0.3	nil	Cloudy.Rain by mid a.m.then thick fog and drzl.
Sun 18	1021.3	12.3	9.5	10.9	9.2	10.6	9.8	260	15	14.6	29	TR	1.4	Drzl,tempo thick fog. Cldy mist.Tempo fair pm
Mon 19	1020.1	13.8	8.7	11.3	6.5	10.7	10.0	190	11	10.2	21	nil	8.0	Fair dew early.Tempo cldy.Fine evening
Tue 20	1011.4	16.6	9.0	12.8	6.2	11.0	10.0	170	10	7.0	17	nil	12.7	Fine, dew early. Mist, dew evng
Wed 21	1009.2	13.2	9.3	11.3	6.5	11.9	10.2	290	06	5.9	14	TR	6.4	Fair with mist.Fog patches am
Thu 22	1007.3	11.8	8.5	10.1	6.7	12.2	10.4	190	11	10.3	26	2.6	1.0	Cloudy slt rain p,m
Fri 23	1002.3	11.9	9.6	10.7	9.3	11.7	10.6	170	11	10.0	26	2.7	0.4	Cloudy.Ocul rain a.m.Tempo hvy rain.Fog patch pm
Sat 24	1000.3	12.7	8.3	10.5	6.0	11.3	10.7	210	06	6.4	18	nil	7.4	Fair ocul cloudy
Sun 25	1005.3	13.1	7.6	10.3	3.0	11.7	10.7	030	07	7.9	17	9.3	9.4	Fair,mist bec cloud. Fog patch mid a.m. Fair
Mon 26	1005.8	14.4	8.5	11.5	6.2	12.2	10.8	070	14	12.8	28	nil	6.2	Slt rain then hvy rain mid am.Cloudy,haze' gradu fair
Tue 27	1014.5	13.4	9.6	11.5	6.5	12.0	11.0	100	13	13.7	29	2.7	0.3	Fine bec cloudy.Hvy rain early pm.Fair late pm
Wed 28	1013.1	15.0	9.5	12.3	6.5	11.5	11.0	040	24	20.5	39	TR	11.4	Fine. Fair pm.Haze
Thu 29	1011.7	15.0	9.4	12.2	7.1	11.9	11.0	050	14	11.4	31	TR	7.2	Fine. haze & dew. Tempo cldy shwr am Fair
Fri 30	1013.0	13.9	8.4	11.1	3.6	12.4	11.2	310	07	9.7	19	TR	6.5	Fine, mist & dew. Fog patches. Thick fog evng.
31														
Mean	1010.5	12.0	7.7	9.9	5.3	10.5	9.9	S	12.5	11.7	Sum	51.2	147.4	TOTALS FOR YEAR TO DATE
Period average	1015.6	11.0	6.0	8.5	3.5	9.2	9.0	NE	12.9	12.2	Period Av.	51.4	182.9	Rain 162.2 mm Rain days 54 Wet days 31 Sun 402.0 hrs Sunless days 34
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Extreme values are underlined		
	17	10	0	0	0	1	0	0	13	0	2			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

MAY 1993

DATE	BAROMETER	TEMPERATURE (°C)						WIND				RAIN	SUN	WEATHER	
	mb at msl	Air			Grass	Soil (cm)		Dir'n	Speed (knots)						
		9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm		hrs
Sat 1	1011.7	13.8	9.5	11.7	9.5	12.9	<u>11.2</u>	280	10	11.7	20	TR	3.1	Thick fog, tempo drzl. Tempo fair p.m. haze	
Sun 2	1016.3	11.7	7.8	9.7	6.3	12.7	11.3	340	16	12.7	26	NIL	8.8	Fine, bec cloudy. Fair by late a.m. Dry air	
BHol 3	1025.8	11.9	7.2	<u>9.5</u>	<u>1.4</u>	12.2	11.5	030	12	9.5	20	NIL	8.8	Fine gradu fair. Tempo cloudy late a.m. early p.m.	
Tues 4	<u>1030.9</u>	12.5	6.9	9.7	2.7	12.3	11.6	060	16	14.8	30	NIL	13.1	Fine slight dew early. Dry air evening	
Weds 5	1025.7	12.8	8.6	10.7	5.5	12.0	11.6	060	<u>23</u>	<u>21.2</u>	<u>38</u>	NIL	12.8	Fine. Dry air evening	
Thu 6	1024.2	12.9	7.8	10.3	5.2	11.7	11.7	060	22	19.6	35	NIL	13.2	Fine. Dry air evening	
Fri 7	1025.9	12.3	7.5	9.9	4.3	11.5	11.7	040	20	16.0	31	TR	5.7	Fine, bec cloudy. Tempo fair p.m.	
Sat 8	1023.6	12.0	8.2	10.1	6.4	11.6	11.5	030	15	15.3	31	0.9	0.2	Cloudy, tempo slt drzl. Rain p.m.	
DAY 9	1017.0	<u>11.0</u>	8.7	9.9	6.7	<u>11.3</u>	11.5	040	16	15.2	32	TR	NIL	Fair bec cloudy. Slt rain or drzl a.m. Mist	
Mon 10	1014.7	14.9	9.2	12.1	6.8	<u>11.3</u>	11.4	070	07	9.2	21	0.7	5.3	Cloudy, mist. Fair with haze p.m.	
Tues 11	1010.8	18.3	11.3	14.8	9.5	12.2	11.3	050	18	12.0	30	TR	7.3	Cloudy. T storm early a.m. Shws late a.m. Fair, haze	
Weds 12	1012.4	16.2	10.6	13.4	8.0	13.0	11.5	240	07	8.1	17	TR	9.8	Fine dew. Tempo cloudy. Fog evening	
Thu 13	1004.5	13.3	10.4	11.9	10.1	14.0	11.7	020	07	8.6	21	TR	NIL	Fog slt drzl early. Cloudy, mist or haze	
Fri 14	<u>999.5</u>	12.0	7.2	9.6	7.0	13.3	11.8	190	12	13.2	28	2.1	1.2	Cloudy, mist. Rain late a.m. early p.m.	
Sat 15	1007.2	12.6	<u>6.7</u>	9.7	2.3	12.1	12.0	250	18	14.9	33	1.2	<u>13.3</u>	Fair or Fine, Slt showers	
Sun 16	1012.2	14.7	8.5	11.6	4.4	12.4	11.9	170	16	13.3	27	0.2	0.1	Fine bec cloudy. Rain mid a.m. Cloudy	
Mon 17	1002.7	17.7	11.4	14.5	9.3	12.6	11.9	150	11	12.6	30	2.3	2.9	Cloudy rain early. Tempo fair p.m. T storm evng rain	
Tues 18	1008.9	14.8	9.0	11.9	4.8	12.9	11.9	170	12	8.9	26	TR	8.1	Fine bec fair Cloudy p.m. Slt rain evening	
Wed 19	1013.5	13.4	8.1	10.7	5.5	13.1	12.0	280	11	9.4	25	TR	9.0	Cloudy slt shws early bec fair	
Thur 20	1016.2	12.9	8.0	10.5	4.1	13.3	12.0	350	09	11.0	20	TR	1.2	Mainly cloudy. Slt rain late a.m.	
Fri 21	1019.1	14.9	8.3	11.6	4.8	12.9	12.2	220	12	8.8	22	0.1	11.9	Fine dew early. Tempo fair a.m. Cloudy evening	
Sat 22	1014.3	14.2	10.3	12.3	7.9	13.9	12.2	120	08	9.1	25	3.1	0.8	Fair bec cloudy. Ocul rain. Hvy rain early p.m.	
Sun 23	1013.5	<u>22.2</u>	11.4	<u>16.8</u>	9.6	13.4	12.4	130	11	11.5	25	TR	9.5	Cloudy bec fair. Tempo dry air p.m. Slt rain	
Mon 24	1011.4	20.6	12.8	16.7	<u>14.6</u>	15.2	12.4	210	07	9.3	27	<u>12.2</u>	4.8	Cloudy Lightng early. Fair p.m.	
Tue 25	1009.4	20.1	11.3	15.7	9.1	15.2	12.6	060	16	11.8	31	6.2	0.2	Fine bec cloudy. T storm, hvy rain mid a.m. & late p.m.	
Wed 26	1004.4	20.3	<u>13.3</u>	<u>16.8</u>	12.8	15.2	12.8	140	07	9.1	24	0.4	3.8	Rain lightng early. Rain fog a.m. Fair late a.m.	
Thu 27	1006.9	16.5	10.4	13.5	7.6	15.2	13.0	280	08	7.1	16	TR	13.2	Fine, tempo cloudy a.m. Cloudy late p.m.	
Fri 28	1013.7	15.5	10.2	12.9	7.8	<u>16.1</u>	13.2	250	11	10.1	25	NIL	11.3	Cloudy tempo fair with dew. Fair or fine p.m.	
Sat 29	1011.4	15.5	10.0	12.7	6.1	15.9	13.5	150	10	10.5	28	0.8	0.9	Fine, mist & dew early. bec cloudy. Rain p.m. Fair	
Sun 30	1005.6	15.7	11.9	13.8	10.1	15.0	13.6	220	20	18.4	35	NIL	8.8	Cloudy, slt shws bec fair late a.m. Clody evng <sup>later</sup>	
Mon 31	1015.6	15.5	11.1	13.3	9.5	15.4	<u>13.7</u>	230	16	12.8	28	TR	4.8	Cloudy tempo fair a.m. Slt rain evng	
Mean	1013.8	14.9	9.5	12.2	7.1	13.3	12.1	NE	13.0	12.1	Sum	30.2	193.9	TOTALS FOR YEAR TO DATE	
Period Average	1015.7	14.0	8.4	11.2	6.0	12.4	11.4	NE	12.2	11.3	Period Av.	508	233.9	Rain 192.4 mm	Sun 595.9 hrs
DAYS WITH	Rain (≥0.2)	Wet (≥1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Rain days 65		Sunless days 36	
	11	6	0	0	0	0	3	6	4	0	2	Extreme values are underlined			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

JUNE 1993

DATE	BAROMETER	TEMPERATURE (°C)						WIND				RAIN	SUN	WEATHER
	mb at msl	Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
		9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	
Tue 1	1014.9	19.8	11.0	15.4	8.8	15.7	<u>13.7</u>	170	05	6.5	19	13.6	6.7	Fair dew bec cldy, mist then haze. Fair am Tstorm evng
Wed 2	1008.1	13.9	11.5	12.7	9.9	16.1	13.8	160	08	14.6	35	0.8	0.1	Cldy mist.Tempo hvy rain.Fog patches.Rain & drzls
Thu 3	1020.7	15.5	11.3	13.4	10.5	15.0	14.0	280	12	9.0	21	NIL	9.1	Cldy,slt drzls early. Fair or fine p.m.
Fri 4	1020.2	15.9	10.5	13.2	7.6	15.7	14.0	080	08	5.9	13	TR	2.2	Fair,dew bec cldy, mist or fog. Thick fog evng
Sat 5	1022.9	20.5	<u>9.9</u>	15.2	8.3	15.7	14.1	030	08	7.4	17	NIL	14.2	Thick fog, bec fine. Haze evng
Sun 6	1021.2	21.0	11.2	16.1	7.2	16.5	14.2	060	10	6.9	15	NIL	13.6	Fine dew tempo mist early.Tempo dryair p.m.
Mon 7	1020.5	20.2	12.3	16.3	5.5	17.0	14.3	320	04	<u>4.7</u>	13	NIL	14.8	Fair,slt dew early.Fine, haze.Fair dryair p.m.
Tue 8	1016.9	22.8	12.4	17.6	5.9	17.5	14.6	080	07	7.1	22	TR	12.9	Fine,dew,shallow fog early. Haze.Cldy late p.m.
Wed 9	1010.1	<u>23.4</u>	<u>16.0</u>	<u>19.7</u>	<u>14.3</u>	18.3	14.8	030	07	6.3	17	3.5	7.2	Fair to cldy, slt rain am.Ocul fair, Tstorm late p.m.
Thu 10	1006.7	19.1	13.1	16.1	13.8	18.7	15.1	180	08	9.1	17	3.4	NIL	Fair bec cldy, tempo fog patches. Rain & drzls
Fri 11	<u>1003.1</u>	13.7	11.0	12.3	12.5	17.5	15.3	290	25	20.5	43	<u>20.0</u>	NIL	Overcst.Rain & drzls then rain.Fog am.Cldy evng
Sat 12	1009.0	<u>12.2</u>	10.3	<u>11.3</u>	9.2	15.4	15.3	270	<u>27</u>	<u>23.0</u>	<u>46</u>	3.5	NIL	Cldy rain am Rain & drzls evng
Sun 13	1018.2	14.4	11.2	12.8	10.0	<u>14.6</u>	15.0	300	<u>13</u>	<u>12.1</u>	<u>22</u>	6.2	0.2	Cldy, mist or haze. Rain late p.m.
Mon 14	1016.0	13.8	11.2	12.5	9.9	15.2	14.8	250	16	13.7	27	0.9	NIL	Rain then drzls & fog. Thick fog
Tue 15	1025.5	14.6	10.8	12.7	11.4	14.9	14.8	030	08	7.2	21	NIL	0.8	Cldy.mist or fog patches. Slt drzls am Cloudy
Wed 16	1022.7	14.9	10.7	12.8	8.6	15.3	14.7	210	13	13.0	33	3.4	2.0	Fair, mist bec cldy, fog patches.Rain early p.m.
Thu 17	1023.8	16.4	12.0	14.2	11.1	15.0	14.6	260	13	10.1	19	NIL	9.8	Cldy.mist early. Tempo fair.Fine evng.Fog late p.m.
Fri 18	1018.5	17.0	12.2	14.6	10.3	16.2	14.6	200	14	11.6	22	1.0	2.4	Mainly cldy, slt dew erly, Drzls fog evng
Sat 19	1018.5	16.7	11.8	14.3	10.5	16.4	14.7	280	07	9.4	19	NIL	12.5	Drzls,thick fog then cldy bec fair.Fine evng
Sun 20	1021.7	16.3	11.4	13.9	8.8	16.8	14.8	360	<u>03</u>	6.4	12	TR	7.4	Fine,dew early bec cloudy.Fine p.m.
Mon 21	1020.4	17.7	10.6	14.1	5.9	16.9	15.0	060	11	10.1	22	NIL	<u>15.1</u>	Fine all day, dew early. Dryair p.m.
Tue 22	1017.3	17.3	11.4	14.3	6.8	16.7	15.2	050	12	8.7	21	NIL	14.9	Fine dew early. Tempo cldy a.m. Fine
Wed 23	1018.0	17.8	10.7	14.3	6.3	17.1	15.3	020	06	6.1	14	NIL	14.5	Fine, haze & dew early. Dryair p.m.
Thu 24	1024.0	17.6	10.6	14.2	4.5	17.7	15.4	070	06	5.9	14	NIL	12.1	Fine, dew early. Tempo cloudy a.m. Fine p.m.
Fri 25	<u>1026.8</u>	18.3	10.1	14.2	<u>2.2</u>	17.8	15.6	350	04	5.0	12	NIL	13.2	Fine.Dryair late a.m. Fair cldy late evng
Sat 26	1026.0	18.7	10.7	14.7	7.7	18.3	15.7	260	10	11.9	24	TR	9.4	Fine bec cldy. Fine again.Cldy evng.Fog
Sun 27	1023.5	20.4	12.8	16.6	13.5	18.8	15.9	310	11	6.5	18	NIL	6.4	Drzls,fog then mist.Fair p.m. fof patches
Mon 28	1019.4	21.7	13.2	17.5	7.8	<u>19.0</u>	16.0	130	07	10.7	27	NIL	10.2	Fine,fog patch mid am. Fair, cldy evng
Tue 29	1013.6	19.5	12.8	16.1	10.0	18.3	<u>16.2</u>	050	13	9.8	20	NIL	13.1	Fine slt dew early. Fair, Haze late p.m.
Wed 30	1015.1	20.5	12.5	16.5	7.2	18.4	<u>16.2</u>	020	10	7.3	15	0.3	10.1	Fair to cloudy, haze dew early. Tempo fine, Slt rain
31														
Mean	1018.1	17.7	11.6	14.6	8.9	16.7	14.9	NE	10.2	9.6	Sum	56.6	234.9	TOTALS FOR YEAR TO DATE
Period Average	1018.0	16.8	10.9	13.9	8.8	15.5	14.0	W	11.2	10.5	Period Av.	46.4	239.3	Rain 249.0 mm Rain days 76 Wet days 45 Sun 830.8 hrs Sunless days 40
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Extreme values are underlined		
	11	8	0	0	0	0	2	2	15	0	4			



GUERNSEY AIRPORT			METEOROLOGICAL OBSERVATIONS										JULY 1993	
DATE	BAROMETER	TEMPERATURE (°C)						WIND				RAIN	SUN	WEATHER
	mb at msl	Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs	
Thu 1	1018.4	17.7	14.6	16.1	13.1	<u>19.3</u>	<u>16.3</u>	010	13	8.6	25	3.4	11.4	cloudy, haze.Rain mid am.Hvy shwr pm.Cloudy
Fri 2	1021.0	<u>19.7</u>	14.3	<u>17.0</u>	13.1	18.4	16.5	360	<u>06</u>	7.3	15	NIL	9.8	Cloudy, haze.Fog patches am.Fine by late am.Haze
Sat 3	1024.4	18.5	13.1	15.8	11.3	18.9	16.5	290	10	10.4	19	TR	3.3	Fair dew.Cloudy.Tempo thick fog. Fair evng
Sun 4	1026.5	17.5	13.6	15.5	13.3	18.9	16.6	320	07	7.6	16	NIL	3.9	Cloudy. Tempo thick fog drzl.Fair pm
Mon 5	1025.5	18.1	13.8	15.9	11.3	18.7	16.7	020	18	13.4	30	NIL	12.1	Fair, mist & dew.Temp cloudy am.Fine by midday
Tue 6	<u>1034.0</u>	16.7	11.0	13.9	7.0	18.5	16.7	360	12	9.6	19	NIL	14.2	Fine. Fair evng
Wed 7	1031.0	18.4	11.7	15.1	9.0	18.5	<u>16.9</u>	340	07	8.3	19	NIL	<u>14.6</u>	Fine dew.Cloudy spell am.Fine.Dew late pm
Thu 8	1023.7	18.0	11.9	14.9	5.3	18.9	<u>16.8</u>	280	<u>06</u>	9.4	22	NIL	14.1	Fine, dew. Tempo cloudy late am.Fine pm
Fri 9	1010.5	17.3	11.5	14.4	11.2	18.9	<u>16.9</u>	230	<u>17</u>	14.0	<u>35</u>	4.1	2.1	Cloudy. Rain p.m.Fair, evening
Sat 10	1011.7	16.5	10.0	13.3	6.5	17.2	<u>16.9</u>	290	12	13.6	26	<u>8.1</u>	13.4	Fair or fine shws am
Sun 11	1012.7	16.5	<u>9.7</u>	<u>13.1</u>	7.7	17.3	16.8	310	12	12.8	25	NIL	12.6	Fine then hvy shws.Fair or fine, Waters
Mon 12	1022.5	17.3	10.2	13.7	6.0	17.2	16.7	280	10	9.3	20	2.0	<u>14.6</u>	Fine. Fair evening
Tue 13	1022.6	<u>16.1</u>	11.1	13.6	6.9	17.6	16.6	170	16	12.2	25	7.1	NIL	Fine then cloudy.Rain or drzl.Fog late p.m.
Wed 14	1013.3	17.3	14.6	15.9	14.2	<u>17.0</u>	16.6	250	17	15.3	31	5.0	3.4	Thick fog rain & drzl.Fine evng.Drzl fog later.
Thu 15	1012.1	18.8	14.6	16.7	12.8	17.4	16.5	230	12	11.3	29	7.3	0.1	Drzl & Fog.Hvy rains drzl mid am.Cloudy. Rain
Fri 16	1012.1	18.1	14.2	16.1	13.8	17.2	16.4	190	07	10.8	25	0.3	4.2	Cloudy.Slt rain or drzl.Thick fog late am Grad
Sat 17	1020.2	18.2	13.7	15.9	12.3	17.5	16.4	280	11	9.1	17	0.2	10.2	Fair bec cldy.Mist fair tempo cldy.from <sup>fine pm</sup> mid:am
Sun 18	1017.4	17.2	12.5	14.9	8.1	17.7	16.4	180	10	11.0	28	6.4	2.5	Fine bec cldy slt rain mid am.Rain drzlpn Fog
Mon 19	<u>1007.0</u>	18.1	13.0	15.9	11.9	17.2	16.5	260	12	15.3	31	0.4	9.4	Cldy shws.Hvy shwr mid am.Fair or fine pm
Tue 20	1015.5	18.5	13.4	15.9	11.3	17.5	16.5	320	09	11.9	29	TR	8.2	Fair bec cldy.Slt rain am.Fair.Cldy evng
Wed 21	1021.5	17.2	12.9	15.1	11.3	17.7	16.5	300	11	9.1	19	TR	1.1	Cldy, slt shws am. Fine late pm
Thu 22	1024.3	18.0	11.5	14.7	7.3	17.5	16.5	200	<u>06</u>	<u>6.3</u>	15	0.3	6.8	Fine dew early bec cldy.Ocul fair,Drzl fog evng
Fri 23	1025.1	19.2	14.3	16.7	<u>15.0</u>	18.3	16.5	240	11	10.5	22	0.2	4.2	Rain & drzl.Fog.Temp thick fog. Tempo fairpm.Fog
Sat 24	1016.7	16.7	13.4	15.1	13.8	18.5	16.6	270	09	10.3	25	1.2	0.1	Overcast.Drzl&fog.Tempo thick fog.Cldy pm Drzl
Sun 25	1012.3	17.7	12.6	15.1	10.2	17.5	16.7	280	<u>21</u>	17.8	32	TR	12.9	Fine.Hvy shwr mid am.Fair then fine.
Mon 26	1018.9	17.6	12.8	15.2	9.8	17.5	16.7	250	14	15.2	28	1.5	4.3	Fair or fine slt shwr am then mainly cldy.Slt rain
Tue 27	1015.5	<u>16.1</u>	14.5	15.3	13.2	17.4	16.7	230	18	<u>18.1</u>	33	7.4	NIL	Cldy, rain or drzl.Fog.Tempo thick fog.Hvy rain
Wed 28	1018.7	<u>16.1</u>	<u>15.2</u>	15.7	<u>15.0</u>	<u>17.0</u>	16.6	240	16	13.4	25	0.4	NIL	Overcast, drzl and fog.Tempo thick fog. <sup>late pm</sup> Cldy evng
Thu 29	1017.4	19.0	14.8	16.9	12.8	<u>17.0</u>	16.5	200	13	10.9	23	0.6	5.0	Cldy bec fair or fine,Cldy pm:Slt drzl.Fog evng
Fri 30	1016.6	18.2	13.3	15.7	10.6	17.3	16.5	290	<u>06</u>	10.5	23	NIL	7.4	Fog then cldy.Slt rain am.Fair bec fine pm
Sat 31	1023.3	18.3	13.1	15.7	10.4	17.3	16.5	270	13	12.5	24	NIL	12.3	Fair or fine.Tempo cloudy
Mean	1019.1	17.7	12.9	15.3	10.8	17.8	16.6	W	11.7	11.5	Sum	55.9	208.2	TOTALS FOR YEAR TO DATE
Period Average	1018.8	18.9	12.9	15.9	11.0	17.4	16.0	W	10.9	10.3	Period Av.	37.3	251.2	Rain 304.9 mm Rain days 94 Wet days 56 Sun 1099.0 hrs Sunless days 43
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Extreme values are underlined		
	18	11	0	0	0	0	0	0	15	0	3			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

AUGUST 1993

DATE	BAROMETER		TEMPERATURE (°C)					WIND				RAIN	SUN	WEATHER
	mb at msl		Air			Grass	Soil (cm)		Dir'n	Speed (knots)				
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs	
Sun 1	1023.6	18.2	12.3	15.3	8.2	17.4	16.5	190	05	5.2	13	nil	7.2	Fine bec cloudy.Fair.Dryair,cloudy evng
Mon 2	1017.3	18.3	13.4	15.9	8.0	17.8	16.6	220	13	10.5	22	0.2	6.8	Cloudy tempo fine.Slt rain early pm. Fair
Tues 3	1018.7	18.4	14.0	16.2	12.1	17.8	16.7	240	11	9.5	19	nil	5.3	Cloudy.Fair late am and late pm
Weds 4	1019.3	17.0	13.9	15.5	11.5	18.2	16.8	200	10	7.6	18	2.6	4.6	Cloudy tempo fair am.Rain midday.Rain fog late pm
Thurs 5	1019.4	17.8	13.6	15.7	12.7	17.9	16.8	290	12	11.9	23	nil	11.2	Rain & drzl.Thick fog.Fair by mid am. Fine pm
Fri 6	1026.5	18.9	11.0	14.9	6.6	17.5	16.8	320	02	4.8	11	nil	13.2	Fine dew early and late.
Sat 7	1022.8	19.2	12.2	15.7	5.7	17.9	16.8	330	03	4.7	14	TR	13.4	Fair or fine.Dew early and late
Sun 8	1021.1	18.8	13.2	16.0	9.4	18.5	16.9	310	11	11.0	21	0.5	10.9	Fine with dew, bec cloudy.Slt rain mid am then fair
Mon 9	1018.3	17.3	14.3	15.8	12.0	18.7	17.0	260	16	16.8	31	0.1	nil	Overcast,drzl & thick fog.Mist or fog patches.Drzl
Tues 10	1016.2	18.7	12.8	15.7	13.0	17.9	17.0	290	15	13.5	33	TR	11.1	Cloudy, slt shwr am bec fair.Fine evening
Weds 11	1013.8	18.8	12.7	15.7	9.3	18.2	17.0	240	17	15.0	30	8.4	0.7	Fine bec cloudy.Drzl to fog mid am. Cloudy
Thurs 12	1010.3	18.6	12.2	15.4	14.0	18.1	17.1	280	17	15.0	32	nil	10.2	Cloudy.Hvy rain, fog patches mid am.Fair or fine
Fri 13	1022.0	17.8	10.4	14.1	2.0	17.3	17.0	130	06	5.4	14	nil	10.2	Fine.Tempo cloudy am.Fair
Sat 14	1011.8	20.7	13.9	17.3	9.8	17.7	17.0	080	07	8.0	20	3.6	9.7	Fair dew early. Tempo cloudy am
Sun 15	1015.8	18.0	13.8	15.9	10.5	18.2	17.0	270	12	10.3	26	TR	8.0	Fine then cldy,hvy rain.Shwr mid am.Ocul fair
Mon 16	1022.1	17.8	12.3	15.1	8.8	17.8	17.0	340	11	7.3	15	TR	6.8	Fine with dew, bec cloudy. Slt rain am.Fair or fine
Tues 17	1028.3	19.2	13.0	16.1	8.0	17.7	17.2	070	13	12.9	28	nil	13.2	Fine dew early and late. Tempo haze
Weds 18	1025.2	21.5	14.5	18.0	11.6	17.6	17.1	100	09	7.3	16	nil	11.7	Fine haze & dew. Fair pm
Thurs 19	1027.1	21.0	14.6	17.8	11.4	18.1	17.1	160	04	3.9	09	NIL	11.0	Fair,tempo cldy am Dryair pm Fine evng
Fri 20	1025.3	20.7	14.2	17.5	10.9	18.5	17.1	260	08	5.9	13	TR	9.7	Fine, mist & dew.Thick fog then fine.Haze.Fog evng
Sat 21	1019.6	22.2	12.8	17.5	12.5	19.0	17.3	040	09	9.6	27	1.2	6.2	Thick fog to mid am.Cldy bec fair pm.Tstorm Hvy
Sun 22	1011.7	18.0	13.4	15.7	14.8	18.7	17.3	340	15	11.9	31	42.5	nil	Tstorm.Cloudy, mist or haze.Tempo rain
Mon 23	1015.9	14.8	10.3	12.5	10.5	17.7	17.4	050	16	11.7	27	4.0	nil	Tstorm & v.hvy rain mid am Continuous rain to early pm Cloudy
Tues 24	1021.7	16.2	11.4	13.8	9.5	15.4	17.1	050	14	11.2	23	nil	11.7	Cloudy bec fair. Fine evng
Weds 25	1022.9	16.2	10.8	13.5	3.4	15.5	16.8	050	11	6.8	17	TR	12.3	Fine, tempo fair. Dry air late am
Thurs 26	1021.3	16.1	10.4	13.3	4.0	15.9	16.6	030	11	10.7	25	TR	9.4	Fair bec cldy.Slt shwr am Fair late am Fine evng
Fri 27	1021.2	16.4	12.1	14.3	7.8	15.9	16.5	020	14	11.9	25	nil	10.2	Fine bec fair.Tempo cldy late amFine pm Cldy late
Sat 28	1027.4	16.6	10.8	13.7	6.0	16.0	16.5	030	07	6.2	15	nil	7.6	Cldy bec fine.Cldy mid to late am. Fair pm
Sun 29	1030.0	18.6	10.3	14.5	2.7	15.5	16.4	250	05	3.3	12	nil	11.5	Fine dew.Shallow fog mid am.Fair.Shallow fog later
Mon 30	1027.5	18.4	11.9	15.1	5.5	16.2	16.4	240	05	5.2	13	nil	9.3	Fine, mist & shallow fog.Fair.Cldy erly pm.Fog late
Tues 31	1028.3	18.3	14.2	16.3	13.8	17.2	16.3	050	13	10.5	24	nil	10.5	Overcast,fog.Cldy bec fair.Fine pm
Mean	1021.0	18.3	12.6	15.5	9.2	17.5	16.9	W	10.4	9.2	Sum	63.1	263.6	TOTALS FOR YEAR TO DATE
Period Average	1017.6	19.0	13.4	16.2	11.0	17.5	16.7	W	10.9	10.3	Period Av.	45.6	225.9	Rain 368 mm Rain days 102 Wet days 62 Sun 1302.6 hrs Sunless days 46
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Extreme values are underlined		
	8	6	0	0	0	0	3	3	9	0	3			

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

SEPTEMBER 1993

DATE	BAROMETER		TEMPERATURE (°C)					WIND				RAIN	SUN	WEATHER	
	mb at msl		Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs		
Wed 1	<u>1030.6</u>	18.8	13.4	16.1	9.4	16.7	16.3	070	11	8.0	18	NIL	<u>12.5</u>	Fine, dew early, tempo fair late am	
Thu 2	<u>1026.3</u>	<u>20.7</u>	12.4	16.5	6.8	16.5	16.5	310	06	4.2	11	NIL	11.4	Fine, dew. Shallow fog. Fog patch am. Fine, haze p.m.	
Fri 3	<u>1018.7</u>	18.4	12.8	15.6	7.5	<u>17.0</u>	16.5	020	08	6.9	17	NIL	10.3	Fine, mist & shallow fog. Tempo cldy am. Fair (Mist) with haze	
Sat 4	<u>1020.5</u>	16.5	11.3	13.9	7.9	<u>17.0</u>	<u>16.6</u>	050	11	8.9	23	NIL	11.7	Fine, tempo cldy early am. Fine, dry air	
Sun 5	<u>1021.5</u>	17.5	11.0	14.3	3.5	16.2	<u>16.6</u>	110	08	7.4	19	NIL	9.5	Fine with dew, becoming fair. Tempo cldy pm	
Mon 6	<u>1015.3</u>	18.1	13.5	15.8	10.0	16.3	16.5	130	10	10.2	20	0.4	8.3	Fair becoming cldy. Fair late am. Cldy evening	
Tue 7	<u>1003.5</u>	17.0	14.2	15.6	10.1	16.4	16.5	130	14	11.5	29	13.2	0.3	Cldy. Rain mid am. Hvy rain Tstorm evng	
Wed 8	<u>994.9</u>	19.2	<u>15.4</u>	<u>17.3</u>	<u>13.3</u>	16.5	16.4	180	10	15.5	33	0.5	5.8	Rain to mid am. Occasionally fair. Showers pm	
Thu 9	<u>998.0</u>	18.5	14.3	16.4	13.0	16.7	16.4	210	20	17.5	31	1.0	4.4	Cldy. Showers. Tempo fair late am & early pm	
Fri 10	<u>1006.0</u>	17.7	13.1	15.4	11.0	16.5	16.4	240	16	14.5	32	1.6	7.3	Cldy. Showers. Fair from late am	
Sat 11	<u>1005.6</u>	16.6	12.6	14.6	9.3	16.5	16.4	270	10	9.3	19	3.1	8.4	Fine, becoming cldy. Rain mid am, then fair	
Sun 12	<u>998.8</u>	15.5	10.7	13.1	5.5	16.2	16.3	120	13	17.1	<u>50</u>	<u>24.0</u>	0.1	Fine, bec cldy. Rain, tempo hvy rain. Hvy showers	
Mon 13	<u>976.5</u>	14.1	12.0	13.1	11.0	15.2	16.2	090	<u>25</u>	<u>22.7</u>	49	10.0	<u>NIL</u>	Rain or hvy showers. Cldy. Frequent shwrs.	
Tue 14	<u>994.7</u>	16.0	11.5	13.7	11.6	14.8	16.1	350	<u>10</u>	9.8	32	14.0	3.5	Rain rly. Cldy slight shower midday. Fair	
Wed 15	<u>994.1</u>	14.2	10.9	12.5	5.7	15.0	15.9	120	07	8.9	27	15.3	0.3	Fine. Rain from mid am. Hvy rain. Tstorm & hail evng	
Thu 16	<u>1009.3</u>	16.0	9.7	12.9	7.2	14.5	15.8	310	10	9.5	23	NIL	10.2	Tstorm & hvy rain, then fair or fine.	
Fri 17	<u>1016.8</u>	15.3	<u>9.2</u>	12.3	<u>3.0</u>	14.7	15.7	340	09	6.5	15	NIL	7.8	Fine with dew, becoming fair. Fine evening	
Sat 18	<u>1018.6</u>	17.6	12.1	14.9	5.9	14.7	15.6	100	10	9.4	18	NIL	10.8	Fine with dew, fair. Dry air pm	
Sun 19	<u>1017.4</u>	19.0	13.8	16.4	10.0	15.0	15.5	150	08	8.4	20	3.7	10.7	Fine with haze. Dew early. Cldy late pm Slight rain	
Mon 20	<u>1015.8</u>	17.1	13.8	15.5	12.9	15.4	15.5	170	09	10.6	23	9.9	<u>NIL</u>	Cldy, gradu rain. Fog patch am. Tempo hvy rain	
Tue 21	<u>1016.0</u>	17.3	12.8	15.1	11.6	15.2	15.5	230	15	11.2	23	5.1	5.6	Fair, Cldy pm Hvy showers, lightning. Waterspout evening	
Wed 22	<u>1013.2</u>	17.1	12.0	14.5	5.5	14.9	15.5	230	05	3.6	13	NIL	9.5	Fair slight shwrs early am Shallow fog evng	
Thur 23	<u>1018.0</u>	16.4	10.5	13.5	3.4	15.1	15.5	030	05	4.6	14	TR	9.1	Fine with dew, bec fair. Slight shwrs mid p.m.	
Fri 24	<u>1017.0</u>	16.3	10.1	13.2	3.5	14.9	15.5	330	02	4.5	13	6.6	8.7	Fine, dew & shallow fog. Fair. Tempo cldy early pm	
Sat 25	<u>1015.6</u>	14.5	11.3	12.9	6.1	15.1	15.3	330	12	10.1	25	9.4	4.5	Cldy, Hvy rain mid am Showers. Fair pm dry air	
Sun 26	<u>1017.3</u>	13.9	9.5	11.7	6.1	14.3	15.4	030	07	7.9	21	0.3	4.5	Fair. Hvy shwrs early & mid am. Fair late am & early pm	
Mon 27	<u>1019.9</u>	13.5	10.6	12.1	7.3	14.1	15.3	350	06	7.5	18	0.5	1.2	Cldy. Funnel cloud midday. Showers late pm	
Tue 28	<u>1016.4</u>	15.5	10.5	13.0	9.4	14.1	15.2	310	03	7.4	21	0.1	3.2	Cldy, light rain or showers. Tempo fair from midday	
Wed 29	<u>1008.4</u>	13.5	10.8	12.1	8.0	14.1	<u>15.0</u>	150	15	15.3	37	3.6	0.5	Cldy. Rain early pm Fair evening	
Thu 30	<u>1002.3</u>	<u>12.6</u>	10.0	<u>11.3</u>	7.3	<u>13.4</u>	<u>15.0</u>	170	23	14.7	37	10.6	10.4	Cldy. Rain or showers. Tempo heavy showers	
31															
Mean	1010.9	16.5	11.9	14.2	8.1	15.4	15.9	SE	10.6	10.1	Sum	132.9	180.5	TOTALS FOR YEAR TO DATE	
Period average	1017.7	17.5	12.5	15.0	9.8	15.9	16.0	W	11.8	11.3	Period Av.	64.1	168.4	Rain 500.9 mm	Sun 1483.1 hrs
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Wet days 77			
	19	15	0	1	0	0	3	4	2	0	2	Sunless days 48			
Extreme values are underlined															

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

OCTOBER 1993

DATE	BAROMETER		TEMPERATURE (°C)					WIND				RAIN	SUN	WEATHER	
	mb at msl		Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
	9am		Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm		hrs
Fri 1	980.4		14.0	10.0	12.0	5.8	12.9	14.9	180	18	16.8	36	21.9	1.4	Fair bec cldy. Hvy rain or shwrs. Funnel cld erly pm Freq shwrs am. Funnel cld erly pm fair Ocnl shwrs am. Temp fair erly pm Rain drztl, fog ptch evng Cldy. Slight rain am Fair hvy shwrs pm Fair to cldy. Freq shwrs from mid am Fair to cldy. Ocnl showers. Shwrs erly then fair. Dry air midday. Hvy shwrs evng Fine bec fair. Slt shwr early pm lightning evening Fair, tempo cldy mid a.m. Fair bec cldy. Fair erly pm hvy rain evening Fair bec cldy. Rain late am/erly pm Cldy. Tempo fair late am. Hvy rain erly pm hvy shower Rain then cldy. Hvy shwr mid am. Tempo fair. Rain late p.m. Rain to midday. Tempo rain p.m. Cldy bec fair. Dry air. Exceptional vis. Slt shwr late Cldy slt shwrs. Mod shwr late am. Tempo fair pm. P.M. Fair to cldy. Tempo dry air. Slt shwr early pm Fine Dry air Fine, Dry air. Bec cldy mid am. Tempo fair Fine bec cldy. Fair from erly pm. Slt shwr late pm Mod shwr erly. Bec fair. Ocnl dry air Fair bec cldy. Fairl late am Fair bec cldy. Slt shwrs erly. Dry air evening Cldy. Slt shwrs erly. Dry air Cloudy. Tempo slight showers Cloudy. Tempo rain or drizzle a.m. Cloudy. Showers a.m. Cloudy. Tempo fair am. Fair pm. Haze evening Fair or fine. Dew early. Haze. Cloudy evening Cloudy with haze Cloudy with haze. Tempo fair pm
Sat 2	986.2		14.3	10.0	12.1	8.6	12.8	14.7	310	19	16.3	33	2.1	3.0	
Sun 3	1003.6		15.7	12.1	13.9	8.7	13.0	14.5	028	16	15.7	37	3.5	2.0	
Mon 4	1001.7		15.9	11.7	13.8	9.6	13.7	14.4	210	15	15.6	33	7.7	3.9	
Tue 5	993.5		16.1	11.7	13.9	10.3	13.7	14.3	170	16	18.1	36	2.9	4.3	
Wed 6	990.1		15.2	12.2	13.7	9.7	13.5	14.3	190	20	18.4	37	2.7	3.9	
Thur 7	1000.6		14.0	9.4	11.7	7.0	13.3	14.4	210	14	11.7	26	2.9	7.5	
Fri 8	1000.8		15.3	12.0	13.7	8.9	13.3	14.3	150	13	14.7	32	TR	6.9	
Sat 9	1004.3		14.8	11.6	13.2	8.6	13.2	14.2	220	16	14.3	27	NIL	8.8	
Sun 10	1005.4		15.4	11.4	13.4	5.9	13.2	14.2	130	09	9.3	25	7.0	3.6	
Mon 11	999.0		15.6	13.2	14.4	10.7	13.5	14.1	180	08	11.0	23	1.5	0.8	
Tue 12	991.7		15.0	13.2	14.1	9.7	13.7	14.1	190	15	12.7	32	14.4	2.6	
Wed 13	994.3		15.5	11.7	13.6	11.2	13.7	14.2	230	14	13.4	32	18.8	3.7	
Thu 14	997.7		11.7	8.9	10.3	9.0	13.4	14.0	020	19	17.4	36	0.9	NIL	
Fri 15	1014.2		10.8	7.0	8.9	2.9	11.8	14.1	030	08	5.8	17	0.1	9.1	
Sat 16	1018.8		10.7	6.9	8.8	0.5	11.5	13.9	030	03	12.3	33	0.9	1.8	
Sun 17	1024.2		11.0	8.0	9.5	4.2	10.8	13.6	050	18	19.8	35	TR	5.0	
Mon 18	1032.9		12.0	8.8	10.4	5.2	10.5	13.3	060	21	19.4	33	NIL	9.6	
Tue 19	1033.5		12.0	6.7	9.3	3.0	10.4	13.2	050	09	7.2	17	NIL	3.3	
Wed 20	1028.8		11.0	5.9	8.5	0.1	10.4	13.0	320	02	6.4	22	0.8	4.6	
Thu 21	1026.2		10.7	7.0	8.9	2.5	10.3	12.8	010	15	15.1	28	NIL	8.7	
Fri 22	1028.6		11.2	7.7	9.5	4.0	10.3	12.6	020	15	15.4	28	NIL	4.4	
Sat 23	1028.1		11.0	8.8	9.9	5.2	10.3	12.5	020	16	17.8	36	TR	0.2	
Sun 24	1028.4		10.5	8.7	9.6	6.3	10.1	12.3	030	19	18.6	35	0.1	NIL	
Mon 25	1032.5		11.5	9.8	10.7	7.1	10.2	12.3	050	17	16.6	30	0.4	NIL	
Tue 26	1032.1		11.0	8.8	9.9	7.8	10.4	12.2	105	16	13.9	29	1.0	NIL	
Wed 27	1029.2		11.6	10.2	10.9	8.6	10.6	12.1	080	20	17.1	33	TR	NIL	
Thu 28	1023.3		11.0	9.1	10.1	6.7	10.6	12.1	090	15	12.9	27	NIL	4.1	
Fri 29	1025.3		12.6	8.8	10.7	5.1	10.3	12.0	060	14	13.5	26	NIL	6.1	
Sat 30	1025.4		11.7	8.3	10.0	8.6	10.6	12.0	050	14	14.0	25	NIL	0.7	
Sun 31	1021.2		9.0	6.0	7.5	5.4	10.2	11.9	090	11	10.6	21	NIL	0.7	
Mean	1013.0		12.8	9.5	11.2	6.6	11.8	13.4	NE	14.4	14.3	Sum	89.6	110.0	TOTALS FOR YEAR TO DATE
Period Average	1016.4		14.7	10.5	12.6	8.0	13.3	14.2	W	12.6	12.5	Period Av.	84.9	117.2	
DAYS WITH	Rain (≥0.2)	Wet (≥1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Rain 590.5 mm	Sun 1593.1 hrs	Wet days 89	Sunless days 54
	16	12	0	0	0	1	0	1	1	0	6				

Extreme values are underlined

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

NOVEMBER 1993

DATE	BAROMETER	TEMPERATURE (°C)						WIND				RAIN	SUN	WEATHER
	mb at msl	Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs	
Mon 1	1017.3	10.0	7.3	8.7	6.8	10.0	11.8	080	12	12.3	21	0.2	0.3	Cloudy with haze
Tue 2	1007.9	11.6	7.5	9.5	6.8	10.2	11.8	100	12	10.9	20	3.1	NIL	Cldy with haze.Slt rain from mid am.Rain evening
Wed 3	<u>1004.4</u>	13.7	<u>11.4</u>	<u>12.5</u>	<u>9.5</u>	10.8	11.7	250	09	6.1	19	TR	0.1	Cldy. Tempo rain erly.Fog patch am.Mist.Cloudy
Thu 4	1011.0	<u>14.4</u>	10.1	12.3	4.2	11.2	11.7	050	07	8.0	16	0.7	2.0	Cldy.Dew erly.Mist then haze.Fair erly pm.Fog
Fri 5	1005.6	13.0	10.1	11.5	9.1	<u>11.6</u>	11.8	120	06	6.3	17	NIL	0.3	Thick fog then mist.Rain mid am.Mist or fog. Fine evng.
Sat 6	1007.9	11.6	9.5	10.5	5.3	11.5	11.8	050	17	13.8	31	TR	NIL	Cldy with haze.Dew erly.Drizzle evening
Sun 7	1009.2	10.5	9.4	9.9	8.5	11.0	<u>11.9</u>	360	10	6.7	16	0.3	0.1	Cldy with haze.Drizzle evening
Mon 8	1019.2	12.1	8.7	10.4	4.0	11.0	<u>11.8</u>	350	06	4.6	13	TR	4.3	Cldy.Rain erly then fair.Cldy evening.Drizzle
Tue 9	1019.9	11.3	9.3	10.3	3.6	11.1	11.9	210	11	12.7	31	<u>14.8</u>	0.4	Cldy bec fine with dew.Cldy again.Hvy rain evng
Wed 10	1010.2	11.6	8.6	10.1	9.0	10.9	11.8	310	13	15.0	34	2.7	0.5	Rain,Ocnl hvy to mid am.Cldy.Shwrs pmFair evening
Thu 11	1019.7	11.3	6.8	9.1	4.0	10.4	11.8	290	17	11.8	27	14.7	7.2	Showers.Slight hail am. Fair. Fine evening
Fri 12	1023.2	11.0	6.7	8.9	2.4	9.7	11.7	230	08	10.3	26	3.0	1.6	Finebec cldy.Hvy shwrs from mid am.TS early pm
Sat 13	1016.3	13.2	10.0	11.6	5.5	9.8	11.5	190	20	19.3	39	11.2	NIL	Cldy,rain from mid am. Fog evening
Sun 14	1017.8	13.2	7.9	10.5	5.4	10.5	11.5	310	<u>31</u>	<u>23.6</u>	<u>50</u>	NIL	6.0	Rain or drizzle.Gale erly am,then fair.Dry air
Mon 15	<u>1036.1</u>	10.5	4.0	7.3	-3.1	9.3	11.4	290	02	5.4	17	NIL	6.0	Fine.Slt hoar frost.Cldy early pm.Fair evening
Tue 16	1034.5	9.7	6.1	7.9	0.3	8.8	11.3	120	12	12.1	23	NIL	2.1	Fine bec cldy.Hvy shwrs from mid am.TS early pm
Wed 17	1029.0	7.8	3.8	5.8	1.0	8.3	11.0	120	16	13.6	28	NIL	6.1	Fair with haze. Dew early
Thu 18	1027.9	6.5	3.4	4.9	1.2	7.6	10.9	130	13	12.4	25	NIL	7.2	Fine,dew early.Bec hazy.Tempo fair.Fine evening
Fri 19	1024.2	6.3	3.0	4.7	0.2	7.1	10.6	110	13	13.7	25	NIL	<u>7.3</u>	Fine.Dew.Haze mid am. Fine
Sat 20	1023.7	8.2	1.7	4.9	-4.8	6.5	10.4	060	07	9.5	23	1.7	3.8	Fine.Dew then har frost.Cldy midday.Slt showers
Sun 21	1015.8	4.5	0.3	2.5	0.1	6.7	10.2	130	11	6.7	19	2.6	0.1	Cldy. Sleet or hail shwrs.Snow shwr erly pm. TS evening
Mon 22	1024.6	4.6	<u>0.0</u>	<u>2.3</u>	-4.6	6.0	9.9	040	05	<u>3.0</u>	13	TR	2.2	Fair.Hoar frost.Slt snow shwr erly.Cldy late am
Tue 23	1019.8	<u>4.3</u>	<u>1.5</u>	<u>2.9</u>	<u>-6.7</u>	<u>5.5</u>	9.7	180	11	10.4	24	NIL	NIL	Fine.Hoar frst bec.cldy.Slt snow shwr am cloudy
Wed 24	1015.1	9.3	2.9	6.1	1.3	5.6	9.3	150	15	11.8	24	0.3	0.2	Cldy.Slt rain erly pm.Fair evening
Thur 25	1024.4	10.7	6.7	8.7	3.0	6.4	9.2	220	07	7.9	17	0.1	7.0	Fine dew.Adj fog late am.Mist evening
Fri 26	1031.0	7.3	3.8	5.5	-0.2	6.6	9.2	080	06	7.7	21	TR	0.1	Fair,mist.Occ fog am.Cldy.Fair,dew late pm
Sat 27	1027.9	7.7	4.2	5.9	2.1	6.7	9.1	110	08	10.2	21	NIL	6.0	Mainly fair.Dew.Haze.Adjacent fog early pm
Sun 28	1022.5	5.0	<u>0.0</u>	2.5	-0.3	6.2	9.0	120	14	16.0	30	NIL	0.1	Cloudy with haze
Mon 29	1020.4	6.8	1.9	4.9	0.9	5.6	8.9	130	17	16.5	31	11.0	NIL	Cldy,mist or haze.Rain pm.Fog patches,Hvy rain
Tue 30	1009.8	10.9	5.3	8.1	5.2	6.3	<u>8.8</u>	200	11	10.0	23	2.6	3.1	Cldy, bec fair.Slt shwr 0300.Fair or fine cldy late pm
31														
Mean	1019.2	9.6	5.7	7.7	2.7	8.6	10.8	SE	11.6	10.9	Sum	69.0	74.1	TOTALS FOR YEAR TO DATE
Period Average	1015.7	11.2	7.4	9.3	5.0	10.1	11.6	SW	14.0	14.1	Period Av.	102.1	71.7	Rain 659.5 mm Rain days 151 Wet days 99
DAYS WITH	Rain (≥0.2)	Wet (≥1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun			Sun 1667.2 hrs Sunless days 59
	14	10	3	2	0	6	2	2	6	1	5			Extreme values are underlined

GUERNSEY AIRPORT

METEOROLOGICAL OBSERVATIONS

DECEMBER 1993

DATE	BAROMETER		TEMPERATURE (°C)					WIND				RAIN	SUN	WEATHER	
	mb at msl		Air			Grass	Soil (cm)		Dir'n	Speed (knots)					
	9am	Max	Min	Mean	Min	30	100	9am	9am	Mean	Max	mm	hrs		
Wed 1	1012.4	11.0	5.3	8.1	-0.5	7.0	8.7	280	09	13.3	27	0.5	3.0	Fair or fine am. Rain & drizzle erly pm. Cloudy	
Thur 2	1019.0	12.2	<u>10.0</u>	<u>11.1</u>	7.6	7.7	8.7	270	22	19.3	35	0.9	0.3	Cloudy. Slight drizzle early	
Fri 3	1022.0	11.7	9.4	10.5	8.4	8.5	8.8	210	14	15.4	29	0.2	NIL	Cloudy.Rain & drizzle mid am	
Sat 4	1010.0	12.2	7.3	9.7	9.2	8.8	8.9	230	22	18.1	38	0.1	1.6	Cloudy.Slt rain & drizzle.Bec fair pm. Fine eveng	
Sun 5	<u>1030.4</u>	10.5	5.5	8.0	1.0	8.0	9.0	290	13	8.0	17	TR	0.5	Fine becoming fair then cloudy	
Mon 6	1026.7	10.2	8.0	9.1	4.4	8.1	9.1	230	08	11.0	34	9.2	0.5	Cloudy.Occasional showers	
Tue 7	1009.4	10.7	6.7	8.7	6.1	8.3	9.1	300	15	19.2	40	5.0	2.7	Cloudy.Hvy rain mid am then shwrs. Tempo fair	
Wed 8	1005.3	12.3	8.0	<u>10.1</u>	5.4	8.5	9.2	250	27	<u>27.6</u>	58	2.4	NIL	Rain & drizzle.Hvy rain evening.Gale from 17.30	
Thu 9	1011.9	11.0	8.2	9.6	6.8	8.6	9.2	280	27	22.5	<u>60</u>	1.7	0.1	Gale to 0340. Cloudy, showers	
Fri 10	1009.2	11.2	5.4	8.3	6.6	8.6	9.2	270	17	18.3	42	8.9	0.2	Cloudy. Rain or drizzle.Fog patch am. Shwrs pm.Hail	
Sat 11	1015.2	8.4	3.0	5.7	0.2	7.7	<u>9.3</u>	290	26	21.5	51	4.4	2.4	Freq shwrs of rain or hail.TS am.Squally winds.	
Sun 12	1015.6	11.2	6.3	8.7	2.9	7.2	9.2	190	18	17.6	38	14.1	NIL	Cldy.Rain fro mid am.Tempo hvy rain.Drizzle late	
Mon 13	995.9	11.4	6.5	8.9	6.5	8.3	9.1	250	29	24.7	49	6.0	2.4	Drizzle then shwrs.Tempo fair.Hvy rain evng	
Tue 14	1015.2	6.7	3.7	5.2	1.5	7.7	9.2	360	12	16.5	49	9.5	3.3	Shwrs then fair to cldy.Rain by midnight	
Wed 15	<u>986.7</u>	8.5	4.1	6.3	3.4	7.2	9.0	280	26	26.0	54	1.8	2.0	Hvy rain erly.TS & hail.Freq shwrs.Squally winds	
Thu 16	<u>998.3</u>	9.3	6.3	7.8	4.1	6.8	8.9	280	27	25.0	46	0.4	4.3	Shwrs then fair.Shwrs pm. Slight hail	
Fri 17	1015.4	11.1	7.8	9.5	5.1	7.3	8.8	260	25	18.9	44	1.3	0.4	Cloudy.Occasional.slight rain or drizzle	
Sat 18	1015.0	11.9	<u>10.0</u>	10.9	8.5	8.1	8.6	180	13	15.5	34	5.5	NIL	Cloudy.Drizzle pm Fog patch.Rain late pm	
Sun 19	1006.6	<u>12.5</u>	9.4	10.9	<u>10.5</u>	9.1	8.8	240	30	21.8	46	12.5	NIL	Rain & drizzle.Tempo hvy rain. Fog patches	
Mon 20	1005.8	12.0	8.9	10.5	8.9	<u>9.7</u>	9.0	240	<u>32</u>	24.7	50	10.3	NIL	Rain & drizzle.Fog patches.Drizzle.Shwrs evening	
Tues 21	1010.6	10.0	5.0	7.5	3.5	9.2	9.1	310	<u>23</u>	22.3	46	4.3	<u>4.7</u>	Hvy shwrs then fair,Occnl cldy.Rain or hail shwrs	
Wed 22	1007.8	10.0	6.0	8.0	3.2	7.9	9.2	250	30	24.5	48	5.2	1.5	Fine bec cldy.Hvy rain then shwrs.	
Thu 23	1010.2	9.1	4.4	6.7	3.7	7.8	9.2	270	18	19.8	45	3.2	0.1	Cldy.Showers.Hail am & late pm	
Fri 24	1001.9	6.6	2.8	4.7	2.1	6.7	9.1	320	31	23.5	48	4.8	2.8	Fair. Dry air.Hail mid am.Gale Fair to cldy.Dry air	
C Day 25	997.6	8.5	3.5	6.0	0.0	6.6	8.8	030	05	8.7	37	1.9	0.8	Cldy, rain erly am.Slt shwrs.Rain evening	
B Day 26	1014.4	<u>5.1</u>	<u>1.5</u>	<u>3.3</u>	-0.2	6.4	8.8	360	11	5.8	19	NIL	1.3	Cloudy, occasionally fair.Hoar frost evening	
B Hol 27	1018.4	7.6	1.6	4.6	<u>-6.0</u>	<u>5.6</u>	8.5	280	01	5.3	23	7.9	4.1	Cloudy bec fair. Cloudy again late evening	
B Hol 28	1002.6	10.7	4.3	7.5	-0.2	<u>5.6</u>	8.3	200	17	15.1	35	1.5	3.6	Cloudy.Rain.Fair late am.Cloudy evening	
Wed 29	1005.9	11.1	7.3	9.2	6.5	<u>6.9</u>	8.2	250	15	16.6	44	14.6	1.5	Rain or drzl.Fog patches erly.Hvy rain midday. TS	
Thu 30	1009.1	11.8	7.5	9.7	5.5	7.3	<u>8.1</u>	230	25	23.7	49	8.3	NIL	Fine then cldy.Very hvy rain mid am.Hail shwr	
Fri 31	1005.4	10.4	4.8	7.6	5.5	7.9	8.3	280	16	17.2	37	5.4	1.4	Mainly cldy.Freq shwrs.Hail pm TS evening	
Mean	1010.0	10.2	6.1	8.2	4.2	7.7	8.9	W	19,5	18,3	Sum	151.8	45.5	TOTALS FOR YEAR TO DATE	
Period Average	1016.2	9.3	5.6	7.4	3.8	7.8	9.3	SW	14.8	14.9	Period Av.	104.7	51.1	Rain 811.3 mm	Sun 1712.7 hrs
DAYS WITH	Rain (>0.2)	Wet (>1.0)	Snow/Sleet	Hail	Air Frost	Ground Frost	Thunder	Lightning	Fog	Gales	No Sun	Wet days 179		Sunless days 66	
	28	24	0	10	0	4	4	4	5	3	7	Extreme values are underlined			