

METEOROLOGICAL OBSERVATIONS.

WEATHER REPORT, 1939.

Speaking firstly of barometer readings during the early months of the year, the barometer was rather low but rose steadily until May. During May, which was also the driest month, the barometer was high, mainly during the first and last weeks, but was rather erratic during the middle fortnight. During June the barometer was also fairly steady, and during July the least variation was experienced. In the month of August the barometer again remained fairly high and steady, and also during October this steady tendency was noticeable. The highest reading for the year was 30.442 inches on the 20th September, and the lowest reading was 28.250 inches on the 8th November. The extreme range for the year, however, occurred during the month of November, and was 2.192 inches, this was also the wettest month of the year.

General Weather Conditions throughout the Year.—Thunderstorms occurred on 7 occasions, but none of them were very severe, the worst occurring, peculiarly enough, on the 3rd September, the day on which war was declared. Fog occurred on 10 different days during the year at the morning observations—once in February, once in March and once in July, twice in November, and five times in December. One day, the 18th December, the visibility calling for particular mention, being only 55 yards, during the forenoon. On the other days the fog occurred mainly on the water and was not so dense inland.

Wind conditions do not call for particular mention during the year, but reached gale force on 29 occasions.

There were 9 days when hail was reported, and 7 days with snow lying on the ground, but not for any length of time, January being the principle month, when snow lay for two days, the 25th and 26th.

Frost occurred, however, on 64 occasions during the year, 20°F, that is 12° of frost being recorded on the 29th and also the 31st December, this being the lowest reading for the year.

RAINFALL.—The decided improvement in the total rainfall for 1939 was very noticeable. The total being 50.30 inches, compared with 67.86 inches for the previous year, a difference of 17.56 inches. The earlier months of the year were mainly dry, this being very good for farmers in Bute, giving them a good chance to get the ground prepared for Spring crops. The months of April, May and June being noticeably dry and warm in comparison with 1938. July, however, was much wetter, being the second wettest month of the year, and on 21 days rain was recorded. In August there was again an improvement in conditions, and this warm weather extended on until the end of October. Good harvest weather was generally experienced throughout the island. In November, which was the wettest month, with a fall of 9.37 inches, and with 25 wet days in the month, outside work was generally at a standstill. The month of December, however, was much dryer, but colder, sharp ground frost being experienced on 15 mornings. Poor visibility was also very noticeable during the last two months of the year, and November had the wettest day of the year, 1.35 inches being recorded on the 30th of the month.

Comparing the number of rain days for 1939, only 199 being wet, the figures compare very favourably with the average totals from 1900 to 1939, this last year

having been the only year during that period with a total of less than 200 wet days. The greatest total during that period was, however, 288 during 1923, and last year, 1938, had 279 wet days. Thus, during 1939 Bute had 80 more dry days than the previous year.

In conclusion, Bute, with fairly good Spring conditions, a warm and dry Summer, and mild dry conditions extending into the Autumn, quite a good year was experienced generally.

WEATHER REPORT, 1940.

The early months of the year were cold, with much snow and frost, which made outdoor work on the land very difficult. A heavy fall of snow was recorded on the 18th January, which covered the ground to a depth of 12 inches, and this snow lay practically till the end of the month. A slight fall was also recorded on the first of February. Stormy easterly winds were a notable feature of February, although the month was relatively dry throughout. March, which is usually notable for cold northerly winds, was a comparatively wet month in 1940, 5.13 inches of rain being recorded. The earlier part of the summer was, however, very dry. April, May and June being remarkable for their dryness, although strong periods of east wind were noted in the latter part of April. May was warm and dry, only 1.82 inches of rain being recorded. June was, however, the driest month of the year, with a consistently high barometer throughout, and the highest temperature of the year, 113°F being recorded on the 19th of this month. High temperatures being recorded on a number of days made this the warmest month. June was easily the driest month of the year, there being only 8 wet days throughout, with a rainfall of 1.03 inches. This dryness was not maintained, however, throughout July, which was rather unfortunate for the holidaymakers

coming to Rothesay, 4.89 inches of rain this month made July a fairly wet month. In August the weather improved somewhat, however, and with a rainfall of 2.96 inches was nearly half that of the previous month. Autumn records of the weather changed very sharply, however, this made the latter part of the year very wet, much rain being the notable feature during September, October, November and December. October was the wettest month of the year, with a rainfall of 7.67 inches, and the total rainfall for the last four months of the year was more than half the total average for the whole year. 4.97 inches rain were recorded in September, 7.67 inches in October, 7.60 inches in November, and 7.54 inches in December.

The total rainfall for the year was 52.86 inches. This was above the average for Bute, and was 2.56 inches more than the previous year. There were 195 rain days during the year.

Frost was recorded on 99 occasions. On the 17th January the temperature of 13°F, or 19° frost, was the lowest of the year.

Wind reached gale force on 25 occasions, although none of these were severe inland in Bute, but some damage was done to shipping round the island.

Visibility was fairly good throughout the year, fog being recorded on 10 occasions, and thunderstorms were very slight, only 5 being recorded during the year.

Generally speaking, the spring of 1940 was very cold, with a lot of snow, followed by a good warm, dry summer, a wet autumn, and a cold, wet winter.

Wettest day of the year, 2.51 inches rain on 17th January.

WEATHER REPORT, 1941.

The year 1941 has been a notable year for its dryness. The total rainfall for the year was only 37.56 inches, compared with 52.86 inches in 1940, and 50.30 inches in 1939. This is well below the average rainfall for Bute.

The Spring of the year was also notable for the cold east winds which were blowing, and this continued from January till the beginning of May, making outdoor growth very late and drying up the ground, when in April and May we should have had showery and milder weather.

The barometer during these months was very erratic, January having the highest reading of the year, 30.512, also the lowest, 28.680, a difference of 1.832. January was also the driest month of the year, only .62 inches of rain being recorded, compared with 6.42 for the same month in 1940. This was also the coldest month of the year, 13°F, which is 19° frost, being registered on the 16th and 17th. This held up the work on the land.

The weather broke in February and we had a lot of rain and sleet and high winds. This was also a very cold month, with a fairly low but steady barometer throughout.

March, which is usually noted for its cold east winds, lived up to its name, the wind blowing from the east practically the whole of the last three weeks of the month. This kept the barometer very steady during this month.

April was also a very cold month owing to the east winds which still prevailed. The middle fortnight of this month was very wet, nearly the whole of the month's rain being recorded during that period.

The barometer being still very steady in the be-

ginning of May, and the east wind still persisting, made the first half very cold but dry. The latter part of the month was much warmer, and we had more rain, which was badly needed, as the ground by this time was very dry indeed. There was very little growth started owing to the late frosts which were recorded on the first seven mornings of the month.

In the month of June the weather improved. The barometer remaining very high and steady throughout made this the best month of the year, and we had fewer wet days than in any other month.

July had the hottest day of the year, 116°F being recorded in the sun. The barometer also remained high and steady.

In August the weather broke and we had 24 days on which rain was recorded, and the wind which persisted on most days to blow from the N. and W. was very strong on different occasions.

September was also a very dry month, only 2.04 inches of rain fell, and this all in the latter half. The barometer remained steady and fairly high all month.

October started with a fairly high and steady barometer, but during the latter half of the month it got very erratic, jumping up and down from day to day. This was one of the wettest month's of the year, 5.33 inches of rain being recorded, the same as in August.

November and December also were very wet and mild, with very little frost, and the barometer still remaining very high and fairly steady.

On the whole, 1941 has been an exceptionally dry and very mild year except for the spring, which was dry, but with the amount of days on which east wind blew made it very cold, with very little growth, a warm, dry summer, and a wet but mild autumn and winter.

Heaviest day's rain for 1941, 1.00 inches on 15th Oct. Keenest frost, 13°F = to 19° of frost on 16th 17th Jany. Highest temperature in the sun, 116°F on 12th July. No. of gales, 17. Fog occurred on 27 occasions. Thunder occurred on 3 occasions. Aurora borealis was very distinct on 18th September.

WEATHER REPORT, 1942.

The past year has been a very wet one. The rainfall for the year was 58.10 inches, this being 9.10 inches above normal and 20.56 inches more than 1941, which was a very dry year.

The month of January was very cold and wet. The barometer was fairly low all through the month. We had a heavy fall of snow this month, the ground being covered to a depth of 3 inches on the 20th and 6 inches on the 22nd.

In February we also had another fall of snow, 3 inches being recorded on the 3rd and 1 inch on the 5th of the month. The first two weeks were very cold, there being a lot of sleet showers and cold N. wind. The wind shifted to the E. during the last fortnight, which was dry and cold with a lot of frost. The barometer was fairly high in the middle of the month, 30.600° being recorded on the 17th. This was also the highest reading for the year.

The barometer remained fairly high and steady in March, although we had another fall of snow this month. The ground was covered to a depth of 2 inches on the morning of the 6th and 4 inches in the evening. On the morning of the 7th the ground was covered to a depth of 6 inches, and a further 1 inch fell during the night. Altogether the ground was covered by snow from the 5th to the 11th. We also had a good spell of

frost which lasted well on to the middle of March. This month, which is usually famous for E. wind, lived up to its reputation. E. winds blew on 19 days. We also had quite a lot of fog on the water towards the latter half of the month.

In the beginning of April the barometer remained low, but rose later on in the month. There were a lot of cold winds this month also, mainly from the E. and N.-W. The first fortnight was very wet, but the weather took a turn for the better and the last half of the month was dry.

The first half of May was also fine, but the barometer, which had remained high and steady, fell towards the end of the month, with the usual result we had a lot of rain.

June, which is usually a dry month, did not give us any better weather than the previous months. We had a lot of E. and N.W. wind this month, which accounts for it being so cold and wet compared with other years. The barometer remained fairly high throughout the whole month.

July was also a wet month, but we had the hottest day of the year on the 9th, the temperature in the sun being 109°F. This does not compare very favourably with last year, when 116° were recorded on the 12th of this month. The barometer was very erratic this month, jumping up and down most days.

During August, September and October we had a very wet spell of weather, 20.86 inches being the rainfall for these months, this was due to the prevailing wind blowing mostly from the S. and S.-W. The barometer, which was low throughout August, rose a little in the beginning of September but fell away again towards the end of the month and remained low all through October.

November, which was the best month of the year, with a fairly high and steady barometer, was also the driest month, only 1.37 inches of rain fell, this was very unusual for November, which is usually a wet month.

This good spell did not last long, as December was also a very wet month, with a rainfall of 8.06 and a low barometer.

Taking 1942 as a whole, it was a very wet year with very little sunshine and a low barometer. The spring being cold with a lot of snow gave way to a wet summer, a very wet autumn and a mild winter.

There were 243 days on which rain fell during 1942. January was the wettest month with a rainfall of 8.91 inches, and November the driest with 1.37 inches. The wettest day was 5th December, when 1.26 inches was recorded. The total rainfall for the year was 58.10 inches. Fog was recorded on 15 days, but was not very dense on any occasion.

Wind reached gale force on 13 days, but none of them were very severe and little damage was done. Thunder was recorded on only one occasion in 1942, on the 23rd September.

The lowest ground temperature was 16°F, that is 16° of frost, this was registered on 20th February.

The highest barometer reading of 30.600 inches was recorded on 17th February and the lowest of 28.812 inches on 5th April.

WEATHER REPORT, 1943.

This year was in many respects similar to last year, notably for the heavy rainfall, also the mildness of the winter. Unlike last year, when we had a fall of snow

in January, we have not had any this year apart from a few showers of sleet and hail during January, February, November and December. We also have had very little frost during the year, the keenest night was on the 4th January, when 13° were recorded (19°F). The barometer this month was moderately high and steady throughout. The prevailing winds blew from the S. and W., hence the reason for this month being milder than is usually the case in January. The total rainfall for the month, 5.40 inches. The barometer reading in February was high throughout the whole of the month. The prevailing wind this month, W. veering to N.W. and reaching gale force on three occasions. This was a very wet month, 6.17 inches of rain fell, which makes it the third wettest month of the year.

March, which was the driest month of the year, with a rainfall of 3.14 inches, was also very mild, except for the middle weeks when the wind was mostly in the E. The barometer was high, and remained so nearly the whole month, except for the last few days, when we had some very heavy rain.

April, as usual, was a very showery month, with the barometer rising and falling very rapidly. The highest reading for the month was 1022.5 m.b., and the lowest 980.9 m.b. The rainfall for this month was 4.69 inches.

May was also a showery month, 4.08 inches of rain being recorded. The barometer, which was high during the first week, fell somewhat during the next week, but rose quickly again during the last fortnight. The highest barometer reading for the month was 1031.5, and the lowest 973.4 m.b. The difference being 58.1 m.b. This reading, 1031.5 m.b., was the highest for the whole year, and occurred on the 15th of the month.

June, which is usually a dry month, started off similar to all the rest, but cleared up considerably to-

wards the end of the month, when we had a few dry and very warm days. 115°F on the 29th in the sun, was the hottest day of the year. The rainfall for this month was 4.91 inches. The barometer, which was low in the beginning of the month, soon rose and remained high during the rest of the month. The highest barometer reading was 1025.8 m.b., and the lowest 986.2 m.b.

The barometer was very erratic in the beginning of July, 1020.8 m.b. being recorded on the 1st of the month, and 990.8 m.b. on the 12th. These were the highest and lowest readings for the month. However, the barometer soon rose again, and remained very high and steady in the latter half of the month, which accounts for the fine spell of weather we had during the Glasgow Fair. 3.34 inches of rain fell during the month, which makes July the second driest month of the year. This good spell of weather did not last long, however, for during August there was not a single day on which rain was not recorded. The heaviest day's rain for the year was on the 31st of this month, when 1.34 inches fell. The barometer was very erratic during August, being fairly high one day and low the next. The highest reading was 1015.7 m.b., and the lowest 991.5 m.b.

There was very little improvement during September and October. The rainfall for September being 5.66 inches, and for October 9.37 inches. This makes October the wettest month of the year, over 1 inch of rain fell on three different occasions during the month. In September the Aurora Borealis was seen very clearly on two occasions, occurring on the nights of the 3rd and 26th. The barometer, which was fairly high in September, fell away, and in October was very low during the middle of the month. The highest reading for September, 1015.1 m.b., and the lowest 992.6 m.b.; and for October, 1012.9 m.b. and 981.1 m.b.

SUNSHINE RECORDS, 1940.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.6	0.0	8.6	0.4	0.0	0.3	0.0	12.3	0.3	1.0	0.0	0.0
2	4.7	0.0	7.4	7.7	6.5	7.3	0.0	12.6	6.6	1.1	0.0	4.6
3	...	0.0	0.3	4.8	14.5	14.5	7.8	12.5	1.6	0.0	2.0	0.0
4	5.1	0.0	6.0	8.8	12.6	13.2	9.2	3.6	3.5	0.0	4.5	0.0
5	0.0	0.0	7.1	7.4	2.2	15.0	6.9	2.3	6.0	0.7	0.0	0.0
6	0.3	0.0	8.7	0.1	4.4	15.0	11.7	0.7	2.1	0.0	0.0	0.0
7	0.0	0.0	1.0	3.1	0.0	14.0	6.4	0.0	2.2	3.8	3.9	4.6
8	0.0	0.3	0.0	5.6	11.2	12.7	10.6	0.0	8.8	0.9	0.0	0.0
9	0.0	0.0	0.0	0.5	1.2	13.3	0.0	0.1	5.2	0.0	0.0	0.4
10	0.0	3.6	0.0	11.0	10.5	6.1	9.9	0.7	7.0	0.0	0.9	1.1
11	0.8	0.0	0.0	0.1	12.5	6.3	0.0	13.1	4.5	3.0	0.0	2.2
12	5.0	4.8	0.0	7.1	6.6	10.9	2.3	0.0	3.2	3.2	0.4	3.8
13	4.4	5.6	0.2	1.1	1.0	9.1	11.0	0.1	5.0	1.4	3.0	0.0
14	0.0	4.4	7.9	0.1	7.4	13.7	0.0	7.8	6.7	0.0	5.4	0.0
15	0.0	0.0	8.9	8.6	3.8	4.9	5.5	3.5	9.1	0.0	1.1	0.0
16	3.1	3.4	0.2	11.7	0.0	7.7	3.2	0.3	0.0	1.3	0.6	0.0
17	3.9	5.1	0.0	4.0	3.4	12.4	0.0	0.6	2.8	0.0	0.1	4.5
18	0.0	0.0	0.0	11.0	11.8	14.7	1.3	0.6	6.4	0.1	0.1	0.0
19	0.0	0.0	0.1	1.4	11.5	13.1	4.1	8.5	5.9	0.1	0.0	0.7
20	0.0	0.0	5.5	0.1	12.8	6.6	7.3	4.0	5.3	0.0	2.2	0.0
21	3.6	0.7	2.9	0.0	6.7	7.2	5.6	6.2	6.9	0.9	4.0	2.3
22	2.6	1.3	0.5	0.7	8.1	5.8	11.4	9.4	0.3	0.3	4.9	0.9
23	0.0	4.0	0.2	0.0	1.8	8.8	3.2	11.9	4.7	0.2	0.6	0.0
24	0.0	0.7	0.9	2.3	6.1	1.0	3.2	2.6	3.9	2.1	0.0	0.0
25	0.0	0.7	1.2	3.4	0.2	8.9	12.1	1.3	3.1	4.5	0.0	0.0
26	0.0	1.0	10.7	4.4	3.8	11.5	10.1	0.0	0.8	1.9	0.2	1.8
27	0.0	0.0	9.6	4.0	2.6	9.6	7.0	12.0	2.5	0.4	2.2	4.9
28	0.0	0.0	9.9	1.0	10.0	0.1	10.4	5.1	9.7	2.6	0.5	0.0
29	0.0	5.9	0.0	0.0	12.6	4.0	0.0	10.8	8.7	0.1	2.2	0.0
30	0.5	—	3.1	0.1	7.8	13.3	1.5	1.0	0.0	0.0	0.0	0.0
31	0.0	—	0.0	—	0.1	—	3.4	5.1	—	0.0	—	5.3
1940 Totals	35.7	41.5	100.9	110.5	187.8	281.0	165.0	148.7	128.1	31.7	88.8	37.1
1939 Totals	58.1	44.5	108.7	121.0	200.7	269.4	106.7	163.0	137.6	110.7	21.9	22.4
Total for Year 1940.	...	...	198.8	...	...	...	...	...	...	...	108.7	...

1306.8

Total for Year 1939.

1364.7

SUNSHINE RECORDS, 1941.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.8	4.5	0.0	0.0	13.2	14.3	8.7	8.5	0.9	0.0	5.3	0.0
2	3.4	5.9	0.0	0.0	13.4	8.1	0.0	3.5	2.0	0.2	3.5	0.0
3	3.0	6.9	1.5	0.8	13.0	13.5	7.8	0.0	9.3	0.0	6.2	3.5
4	...	4.3	0.0	0.8	10.7	7.3	2.0	2.0	2.5	4.2	1.5	0.3
5	3.7	0.0	1.0	0.5	12.1	5.7	0.0	2.9	5.8	0.9	0.2	0.5
6	0.0	4.3	6.0	1.5	7.8	13.5	0.0	6.9	5.5	0.2	1.2	1.4
7	0.0	0.0	8.3	2.1	0.0	5.5	0.0	10.8	7.1	0.3	6.0	3.6
8	4.5	0.0	0.0	0.0	0.3	10.9	11.4	9.7	0.0	0.0	6.0	0.0
9	3.8	4.5	2.7	2.3	6.0	8.5	8.3	0.6	0.2	0.0	0.0	0.1
10	1.5	5.1	2.9	1.9	6.3	4.1	4.6	3.0	0.0	4.6	0.0	0.0
11	3.6	0.1	3.2	0.0	10.1	13.2	1.0	4.6	6.2	8.9	0.0	0.0
12	1.4	0.0	6.6	0.0	0.1	8.4	7.9	9.1	1.7	3.5	0.0	0.4
13	0.6	0.0	8.8	1.4	0.3	8.6	6.8	3.2	4.8	0.0	0.0	0.0
14	4.7	0.0	3.3	6.3	11.7	1.4	3.3	4.4	5.6	4.6	0.2	0.0
15	3.4	0.0	6.4	0.0	7.1	0.3	1.5	1.1	4.8	6.5	1.4	2.0
16	5.7	0.0	7.0	1.1	0.0	0.0	1.8	0.6	0.3	0.8	0.0	2.9
17	1.3	0.8	0.0	0.0	5.3	8.5	3.9	0.7	5.9	4.4	3.8	4.7
18	0.3	0.0	0.8	0.0	4.3	6.1	8.0	3.6	0.0	0.0	4.1	0.1
19	2.3	0.3	0.4	8.1	6.7	9.9	2.5	7.1	0.0	3.6	1.9	0.0
20	0.0	3.7	8.7	6.2	2.8	3.9	0.0	0.6	0.0	6.8	0.2	0.0
21	0.0	3.6	0.0	0.0	0.0	7.9	11.9	8.3	0.0	4.9	0.0	0.0
22	0.0	6.6	9.5	7.5	0.0	3.2	5.2	4.8	7.2	6.5	4.0	0.0
23	0.0	0.0	0.0	13.1	6.6	12.6	1.1	5.1	1.1	7.0	0.0	0.0
24	0.7	3.6	0.0	10.9	2.0	0.9	2.5	0.0	1.8	0.0	0.9	3.2
25	0.0	7.8	0.0	12.4	0.6	2.1	13.2	2.1	0.0	5.2	0.0	0.0
26	0.0	2.5	3.0	0.0	0.3	0.3	11.2	0.6	0.0	0.0	0.0	0.0
27	0.0	0.0	0.1	8.9	1.0	1.4	0.9	5.2	0.0	5.0	3.6	0.0
28	0.0	4.4	0.1	11.0	4.2	13.3	6.2	5.8	2.6	7.1	0.1	0.7
29	0.1	—	9.4	2.4	4.5	1.3	8.8	12.4	5.7	0.0	0.0	0.0
30	0.0	—	5.6	0.9	11.4	1.3	10.7	8.4	—	2.6	—	0.0
31	0.0	—	0.3	—	15.1	—	—	—	—	—	—	—
1941 Totals	47.2	68.9	99.6	104.1	180.0	194.7	151.2	142.5	81.0	87.8	50.1	26.1
1940 Totals	35.7	41.5	100.9	110.5	187.8	281.0	165.0	148.7	128.1	31.7	88.8	37.1
Total for Year 1941.	...	...	...	...	...	...	...	...	...	...	...	...

Total for Year 1940. ...

Total for Year 1941. ...

RAINFALL IN BUTE.

	1939.	1940.	1941.	1942.	1943.
January	4.85"	6.42"	.62"	8.91"	5.40"
February	5.88"	1.84"	4.50"	2.29"	6.17"
March	4.11"	5.13"	2.70"	3.22"	3.14"
April	3.06"	1.55"	2.19"	2.34"	4.69"
May	1.38"	1.82"	2.07"	3.80"	4.08"
June	2.88"	1.03"	1.78"	2.22"	4.91"
July	7.24"	4.89"	3.47"	5.03"	3.34"
August	1.64"	2.96"	5.33"	6.04"	8.41"
September	4.78"	4.97"	2.04"	7.08"	5.66"
October	2.15"	7.67"	5.33"	7.74"	9.37"
November	9.37"	7.60"	4.46"	1.37"	4.56"
December	3.46"	7.54"	3.07"	8.06"	3.58"
Total	50.30"	52.86"	37.56"	58.10"	63.31"

Year and month of observation, name of observer, name of place, name of station, name of district, name of county, name of country, name of world.

Month	Year	Observer	Station	Place	District	County	Country	World
January	1939	...	...	...	...	...	...	...
February	1939	...	...	...	...	...	...	...
March	1939	...	...	...	...	...	...	...
April	1939	...	...	...	...	...	...	...
May	1939	...	...	...	...	...	...	...
June	1939	...	...	...	...	...	...	...
July	1939	...	...	...	...	...	...	...
August	1939	...	...	...	...	...	...	...
September	1939	...	...	...	...	...	...	...
October	1939	...	...	...	...	...	...	...
November	1939	...	...	...	...	...	...	...
December	1939	...	...	...	...	...	...	...
January	1940	...	...	...	...	...	...	...
February	1940	...	...	...	...	...	...	...
March	1940	...	...	...	...	...	...	...
April	1940	...	...	...	...	...	...	...
May	1940	...	...	...	...	...	...	...
June	1940	...	...	...	...	...	...	...
July	1940	...	...	...	...	...	...	...
August	1940	...	...	...	...	...	...	...
September	1940	...	...	...	...	...	...	...
October	1940	...	...	...	...	...	...	...
November	1940	...	...	...	...	...	...	...
December	1940	...	...	...	...	...	...	...
January	1941	...	...	...	...	...	...	...
February	1941	...	...	...	...	...	...	...
March	1941	...	...	...	...	...	...	...
April	1941	...	...	...	...	...	...	...
May	1941	...	...	...	...	...	...	...
June	1941	...	...	...	...	...	...	...
July	1941	...	...	...	...	...	...	...
August	1941	...	...	...	...	...	...	...
September	1941	...	...	...	...	...	...	...
October	1941	...	...	...	...	...	...	...
November	1941	...	...	...	...	...	...	...
December	1941	...	...	...	...	...	...	...
January	1942	...	...	...	...	...	...	...
February	1942	...	...	...	...	...	...	...
March	1942	...	...	...	...	...	...	...
April	1942	...	...	...	...	...	...	...
May	1942	...	...	...	...	...	...	...
June	1942	...	...	...	...	...	...	...
July	1942	...	...	...	...	...	...	...
August	1942	...	...	...	...	...	...	...
September	1942	...	...	...	...	...	...	...
October	1942	...	...	...	...	...	...	...
November	1942	...	...	...	...	...	...	...
December	1942	...	...	...	...	...	...	...
January	1943	...	...	...	...	...	...	...
February	1943	...	...	...	...	...	...	...
March	1943	...	...	...	...	...	...	...
April	1943	...	...	...	...	...	...	...
May	1943	...	...	...	...	...	...	...
June	1943	...	...	...	...	...	...	...
July	1943	...	...	...	...	...	...	...
August	1943	...	...	...	...	...	...	...
September	1943	...	...	...	...	...	...	...
October	1943	...	...	...	...	...	...	...
November	1943	...	...	...	...	...	...	...
December	1943	...	...	...	...	...	...	...

Summary of Records of Temperature, Rainfall, Sunshine, and Weather Observations for Various Months and Year

Y E A R 1939	Month	Hours of Observation	Rain	Ft	Means of		Means of A and B		Deviation from Normal		Absolute Maximum and Minimum		Earth Temperature		Total Fall		Deviation from Normal		Amount		Precipitation		WEATHER						BRIGHT SUNSHINE			
					A	B	Max.	Min.	°F	°F	°F	°F	°F	°F	°F	°F	in.	%	in.	%	0.1 or More	0.4 or More	Snow	Snow Lying	Hail	Thunderstorm	Fog. Morning Observation	Ground Frost	Gale	Daily Mean	Deviation from Normal	Per Cent.
January	..	9 21	200	42.7	36.0	38.9	-1.4	62	10	27	43.6	41.4	4.35	146	87	14	18	13	1	2	0	4	1	1	1	7	10	4	1.65	89	17	
February	..	9 21	200	46.9	38.4	42.7	+2.6	56	11	32	24.0	42.7	5.88	146	88	8	23	21	2	0	4	1	1	1	7	10	4	1.65	89	17		
March	..	9 21	200	48.3	28.1	43.2	+1.9	56	31	33	7.24	41.4	4.11	115	74	7	22	20	0	0	3	1	1	1	9	4	4	4.03	110	31		
April	..	9 21	200	51.4	30.5	45.5	+1.3	63	11	32	5.67	45.5	3.06	102	52	13	18	15	2	0	1	1	0	7	4	4	4.03	82	29			
May	..	9 21	200	58.9	44.9	51.9	+2.0	72	30	37	8.53	49.2	1.38	46	46	21	12	9	0	0	0	0	1	0	1	0	6.17	115	40			
June	..	9 21	200	63.9	48.1	56.0	+1.5	73	24	43	12.58	—	2.98	94	82	14	11	8	0	0	1	1	0	0	0	0	8.98	141	52			
July	..	9 21	200	62.5	50.6	56.5	-0.8	71	20	41	12.58	55.6	7.24	182	100	13	21	19	0	0	0	3	1	0	0	0	3.44	69	20			
August	..	9 21	200	65.0	52.5	58.7	+1.8	71	18	48	3.9	60.8	57.2	1.04	34	44	9	9	0	0	0	2	0	0	0	0	5.26	120	35			
September	..	9 21	200	61.8	50.9	56.3	+2.8	70	3	41	30.57	56.8	4.78	118	130	9	11	10	0	0	0	1	0	0	0	0	4.59	116	36			
October	..	9 21	200	51.6	42.6	47.1	-1.4	59	7	36	28.29	48.4	51.2	2.15	49	101	10	12	7	0	0	0	0	9	1	1	3.57	145	34			
November	..	9 21	200	50.1	42.0	46.1	+2.9	55	30	36	25.45	46.1	9.37	181	135	30	25	24	0	0	2	0	0	2	0	0	0.73	44	9			
December	..	9 21	200	44.9	36.4	40.7	-0.4	55	1	27	29.41	34.9	3.46	64	72	3	17	13	24	0	0	0	1	13	1	1	0.72	71	10			
For Year	..	9 21	200	52.5	42.7	47.6	0.0	.77	1 Aug.	27	8 Mar.	47.5	48.5	44.39	91	108	16 Mar.	201	138	23	7	13	12	1	77	35	3.41	98	28			