

## RAINFALL at Bardney (Sugar Factory).

County of Lincolnshire.

Observer British Sugar Corp. Ltd.

River Basin Witham &amp;c 3

Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

898566 39 236561 33

| Diameter  | 5    |      |      |      |      |       |       |       |       |       |       |
|-----------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| Height    | 1.0  |      |      |      |      |       |       |       |       |       |       |
| Altitude  | 17   |      |      |      |      |       |       |       |       |       |       |
| Year      | 1931 | 1932 | 1933 | 1934 | 1935 | 1936  | 1937  | 1938  | 1939  | 1940  | Means |
| January   |      |      |      |      |      | 3.10  | 3.61  | 2.22  | 4.02  | 1.93  |       |
| February  |      |      |      |      |      | 2.12  | 2.16  | 1.12  | .84   | 2.02  |       |
| March     |      |      |      |      |      | 1.04  | 1.94  | .20   | 2.14  | 1.69  |       |
| April     |      |      |      |      |      | 1.40  | 2.41  | .11   | 1.79  | 1.21  |       |
| May       |      |      |      |      |      | .45   | 3.60  | 3.25  | 1.34  | .96   |       |
| June      |      |      |      |      |      | 4.00  | 1.31  | .80   | 3.01  | .66   |       |
| July      |      |      |      |      |      | 4.45  | 3.38  | 3.89  | 3.41  | 4.59  |       |
| August    |      |      |      |      |      | 1.19  | .95   | 2.07  | 2.62  | .73   |       |
| September |      |      |      |      |      | 1.97  | .93   | 1.64  | 1.05  | .62   |       |
| October   |      |      |      |      |      | 2.27  | 1.79  | 2.13  | 3.34  | 2.86  |       |
| November  |      |      |      |      |      | 2.28  | 1.34  | 2.29  | 4.01  | 3.76  |       |
| December  |      |      |      |      |      | 1.40  | 1.94  | 4.77  | 1.89  | 1.99  |       |
| TOTALS    |      |      |      |      |      | 25.67 | 25.69 | 24.49 | 29.46 | 23.02 |       |
|           |      |      |      |      |      | D     | D     | D     | D     | D     |       |

1936 Factory 94' high, 150 yds S.

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.....  
1 mile to 1 inch Series }

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1936  |         |       | Bardney          | 200 yds             | N.        | Bardney        | 1400 yds            | N.E.      |

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. TF 2556/5

## RAINFALL at Bardney (Sugar Factory)

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County of Lincolnshire Observer British Sugar Corp Ltd.  
 River Basin Witham & C. 3  
 Type of Gauge in. &

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 898586/39.

| Diameter  | 5"    |       |       | 143   | 547   |       |      |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| Height    | 10"   |       |       |       |       | 1     |      |       |       |       |       |
| Altitude  | 17'   |       |       |       |       | 41    |      |       |       |       |       |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947 | 1948  | 1949  | 1950  | Means |
| January   | 2.49  | 2.74  | 4.38  | 2.25  | 2.02  | 1.69  |      | 3.84  | 1.02  | .92   |       |
| February  | 2.96  | 1.41  | .51   | 2.21  | 1.73  | 2.01  |      | .88   | .59   | 3.94  |       |
| March     | 2.91  | 1.16  | .30   | .24   | .73   | 1.07  |      | .32   | .93   | .65   |       |
| April     | .65   | .84   | 1.02  | 2.13  | 1.50  | 1.53  |      | 1.30  | 1.86  | 2.64  |       |
| May       | 1.81  | 2.81  | 2.65  | 1.51  | 1.41  | 1.90  |      | 1.82  | 1.39  | 2.29  |       |
| June      | .20   | 1.30  | 1.53  | 1.37  | 2.81  | 2.75  |      | 4.47  | .42   | 1.40  |       |
| July      | 5.01  | 2.08  | .81   | 1.80  | 1.55  | 2.30  |      | 1.82  | 3.41  | 2.53  |       |
| August    | 2.93  | 1.61  | 2.54  | 2.73  | 1.87  | 4.28  |      | 2.54  | 1.42  | 1.64  |       |
| September | .56   | 1.53  | 3.35  | 2.71  | 1.60  | 3.49  |      | 2.51  | .44   | 4.38  |       |
| October   | 2.92  | 2.18  | 1.22  | 2.69  | 2.14  | 1.49  |      | 2.28  | 3.35  | .62   |       |
| November  | 2.78  | 1.79  | 1.91  | 3.97  | .57   | 4.61  |      | 1.04  | 2.62  | 4.12  |       |
| December  | .57   | 1.85  | .62   | 1.33  | 1.71  | 2.76  |      | 3.02  | 1.55  | 1.60  |       |
| TOTALS    | 25.79 | 21.30 | 20.94 | 24.94 | 19.64 | 29.88 | N.R. | 25.84 | 19.00 | 26.73 |       |
|           | D     | D     | D     | D     | D     | D     |      | D     | D     | D     |       |

Position of Station on reduced Ordnance Survey Map, No. of Map Reference No.  
 1 mile to 1 inch Series

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
|       |         |       |                  |                     |           |                |                     |

BRITISH RAINFALL ORGANIZATION

Station No. 2626/5 TF 63

51

## RAINFALL at BARDNEY (SUGAR FACTORY)

County of LINCOLNSHIRE Observer BRITISH SUGAR CORPN. LTD.

River Basin. WITHAM + C-3

Type of Gauge. M.O. MkII

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....  
" 23.59 .. " 20 .. within 1936-57 .. " 1916-50 .. S.  
" " " " File No. 898586/39

| Diameter  | 5"    |       | 143   | 547   |       |       |       |       |       | 5"    |        |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height    | 1' 0" |       |       |       | 1     |       |       |       |       | 1' 3" |        |
| Altitude  | 17'   |       |       |       | 51    |       |       |       |       | 17'   |        |
| Year      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means  |
| January   | 2.39  | 1.65  | .89   | 1.12  | 1.69  | 4.64  | 1.26  | 2.52  | 2.70  | 4.44  | 23.20  |
| February  | 2.57  | .53   | 1.67  | 2.78  | 2.35  | 1.07  | 2.05  | 3.41  | .21   | 1.96  | 18.60  |
| March     | 3.16  | 2.70  | 1.01  | 1.60  | 2.43  | 1.05  | 1.47  | 1.85  | 1.79  | 1.18  | 18.24  |
| April     | 1.36  | 1.07  | 1.95  | .23   | .90   | 1.26  | .14   | .37   | 1.32  | 0.90  | 9.50   |
| May       | 2.95  | 1.61  | 2.91  | 2.25  | 2.76  | .50   | 1.25  | 2.21  | .43   | 0.52  | 17.29  |
| June      | 1.16  | 1.92  | 2.22  | 2.16  | 3.94  | 2.60  | 2.60  | 3.91  | .56   | 0.49  | 21.56  |
| July      | .47   | .27   | 1.45  | 1.42  | .44   | 3.07  | 2.89  | 4.67  | 1.46  | 3.46  | 19.60  |
| August    | 4.26  | 1.53  | 1.94  | 4.14  | .47   | 4.09  | 2.69  | 3.23  | .72   | 3.32  | 26.39  |
| September | .80   | 2.03  | .96   | 1.84  | 1.88  | 1.36  | 3.60  | 2.40  | .10   | 2.23  | 17.20  |
| October   | 1.30  | 2.45  | 2.43  | 3.11  | 1.31  | 1.01  | 1.19  | 1.42  | 1.68  | 5.19  | 21.09  |
| November  | 3.92  | 2.06  | 1.47  | 4.39  | 1.21  | .74   | 1.93  | .75   | 1.87  | 3.75  | 22.29  |
| December  | 1.34  | 1.65  | .85   | 2.27  | 1.61  | 1.28  | 1.71  | 2.86  | 3.41  | 3.30  | 20.28  |
| TOTALS    | 25.68 | 19.47 | 19.75 | 27.31 | 20.99 | 22.57 | 22.78 | 29.80 | 16.25 | 30.74 | 235.34 |
| D         | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |        |

1956: Rather low but accept.

Reported 24/10/60 by Hoblister alt 0/0 N-E-SSE otherwise satisfactory.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 53/113688

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|----------------|---------------------|
|       |         |       |                  |                     |                |                     |

Summary of Earlier Records from 10-year Sheets :

| Record<br>D, or d | 1910-19 | 1920-30 | 1931-40  | 1941-50        | 1951-60 |
|-------------------|---------|---------|----------|----------------|---------|
|                   |         |         | C.1936 ✓ | 41-46, 48-50 ✓ |         |