

PODEHOLE ANNUAL RAINFALL FROM 1829 TO 1908.

| Year. | Inches. | Remarks. | Year. | Inches. | Remarks. |
|-------|---------|---|-------|---------|---|
| 1829 | 30.25 | | 1869 | 27.87 | May Flood |
| 1830 | 34.38 | Glen Bank broke | 1870 | 16.87 | Lowest yet recorded |
| 1831 | 34.32 | Glen Bank broke | 1871 | 25.50 | |
| 1832 | 28.87 | | 1872 | 33.50 | Glen Bank broke into Bourne North Fen |
| 1833 | 24.95 | | 1873 | 19.62 | "Holland" engine wheel lowered 18in. |
| 1834 | 18.10 | | 1874 | 16.25 | Another ten years since 1864 dry |
| 1835 | 24.20 | Dry, July excepted | 1875 | 34.25 | Great change set in in this year |
| 1836 | 26.65 | | 1876 | 31.00 | North and South Drove Drains cleaned out |
| 1837 | 23.90 | Glen Bank broke | 1877 | 24.25 | Glen Bank broke into Bourne North Fen. Great Flood in Cowbit [Wash. Water at Duck Hall 18in. deep on Road |
| 1838 | 21.10 | | 1878 | 25.26 | |
| 1839 | 31.65 | | 1879 | 24.37 | A most wretched harvest. Glen New Sluice opened |
| 1840 | 21.30 | | 1880 | 37.12 | Glen Bank broke into Bourne South Fen. Flood in Cowbit W.zsh |
| 1841 | 29.45 | Coal used—1,350 Tons.—Several new drainage steam engines [erected in the Fens | 1881 | 26.12 | "Kesteven" wheel lowered 18in. [4in. higher than 1877. |
| 1842 | 32.10 | | 1882 | 30.50 | Glen Bank broke South side, water at Pote Hole 6ft. 10in. gauge [in Fen, 8ft. 4in. in Vernatt's |
| 1843 | 29.45 | | 1883 | 30.87 | Low Water in Welland, 1½in. below Sill of Glen |
| 1844 | 22.20 | | 1884 | 16.75 | Ten years again and dry |
| 1845 | 27.25 | | 1885 | 23.87 | |
| 1846 | 26.10 | 8 years' average—27 inches | 1886 | 30.25 | May Flood |
| 1847 | 25.62 | "Kesteven" engine wheel lowered 14 ins., first time | 1887 | 15.12 | The lowest recorded. Crossgate Bridge re-built |
| 1848 | 34.30 | | 1888 | 21.56 | |
| 1849 | 27.45 | | 1889 | 26.73 | |
| 1850 | 20.93 | | 1890 | 19.97 | |
| 1851 | 22.25 | | 1891 | 25.08 | No rain in February |
| 1852 | 31.00 | Great Floods in the Fens and in Cowbit Wash | 1892 | 22.66 | "Holland" wheel lowered 4in., total 3ft. since 1825 new Dredger [launched. |
| 1853 | 26.62 | | 1893 | 18.32 | Very dry Summer |
| 1854 | 17.75 | Slightly below 1834—Dry | 1894 | 22.35 | Welland again heavily landed up by Tides |
| 1855 | 22.00 | | 1895 | 22.23 | Feb. 9th, 35 degrees of frost in Spalding |
| 1856 | 22.62 | | 1896 | 22.73 | |
| 1857 | 27.87 | Vernatt's New Sluice opened | 1897 | 23.59 | Glen North Bank broke at Guthram; highest known |
| 1858 | 17.50 | Similar to 1854 | 1898 | 21.23 | [Flood in Glen |
| 1859 | 25.25 | | 1899 | 20.77 | Portion of Counter Drain cleaned out, and inner bank strengthened |
| 1860 | 30.37 | | 1900 | 23.34 | Improvement of River Glen. Mud ploughing and casting out |
| 1861 | 25.75 | | 1901 | 22.37 | Delph Drain deepened and widened |
| 1862 | 24.87 | | 1902 | 22.59 | |
| 1863 | 22.87 | "Holland" engine wheel lowered 14in., first time | 1903 | 29.74 | Wet year. Rainfall in October 6.25 inches |
| 1864 | 17.62 | Dry year; similar to 1854 | 1904 | 22.23 | "Kesteven" wheel lowered 4in., total 3ft. since 1825 |
| 1865 | 29.12 | | 1905 | 24.62 | High tide in Welland Jan. 6th. 17ft. 9in. on Glen Sluice gauge. |
| 1866 | 26.75 | Welland landed up by Tides | 1906 | 25.99 | [River overflowed bank at Pigeon End. |
| 1867 | 23.37 | | 1907 | 22.45 | Dredger "Nesta" launched, November |
| 1868 | 24.75 | Hot Dry Spring! Pastures burnt up May, June, July. Rainfall ⅜ in. | 1908 | 17.22 | Extensive repairs to Vernatt's Sea Gates |

PODEHOLE ANNUAL RAINFALL FROM 1909 TO 1928.

| Year. | Inches. | Remarks. | Year. | Inches. | Remarks. |
|--|---------|--|------------------------|---------|----------|
| 1909 | 24.00 | River Glen stops, Tongue End, lowered 2 feet. | 1917 | 19.94 | |
| 1910 | 26.12 | Glen North Bank broke near Tongue End, December 3rd. | 1918 | 25.25 | |
| 1911 | 18.98 | Horseshoe, Money and Cuckoo Bridges rebuilt in ferro-concrete. | 1919 | 30.37 | |
| 1912 | 29.38 | Rainfall Aug. 26th, 2.14ins. in 24 hours. Highest recorded flood in Glen, Aug. 27th. | 1920 | 25.75 | |
| 1913 | 21.11 | South Drove Drain cleaned out. Crowland Bridge rebuilt in ferro-concrete. | 1921 | 22.87 | |
| 1914 | 21.85 | Diesel Engine and Pump started work, April. | 1922 | 17.62 | |
| 1915 | 25.74 | North Drove Drain cleaned out. Vernatt's Drain Improvement. | 1923 | 29.12 | |
| 1916 | 27.89 | Delph Drain Improvement commenced. | 1924 | 22.22 | |
| 1917 | 19.94 | Low Rainfall (under 20 inches). | 1925 | 10.04 | |
| 1918 | 24.00 | | 1926 | 3.15 | |
| 1919 | 31.12 | | 1927 | 1.61 | |
| 1920 | 1.76 | | 1928 | 2.85 | |
| 1921 | 1.85 | | 1929 | 1.66 | |
| 1922 | 2.75 | | | | |
| 1923 | 1.42 | | | | |
| 1924 | 2.22 | | | | |
| 1925 | 1.04 | | | | |
| 1926 | 3.15 | | | | |
| 1927 | 1.61 | | | | |
| 1928 | 2.85 | | | | |
| 1929 | 1.66 | | | | |
| Total depth for each month 1829 to 1928. | | | 189'49 | 162'20 | 158'18 |
| | | | 186'21 | 217'00 | 165'50 |
| | | | 258'02 | 263'99 | 217'21 |
| | | | 228'83 | 249'52 | 201'56 |
| | | | Total depth in inches. | | |

NO. OF DAYS THE ENGINES WORKED, AT 12 HOURS PER DAY.

| Year | Holland | 113 days | hours | 1921 | 2 days | 5 hours | 1925 | 17 days | 5 hours |
|------|----------|----------|-------|----------|--------|---------|------|---------|---------|
| 1916 | Holland | 90 | 7 | Kesteven | 20 | 1½ | " | 128 | 4 |
| " | Kesteven | 162 | 10 | Elloe | 21 | 9½ | " | 147 | 1 |
| " | Elloe | 6 | " | Welby | 3 | 4 | " | " | " |
| 1917 | Holland | 4 | " | Holland | 25 | 7 | 1926 | 2 | 0 |
| " | Kesteven | 103 | " | Kesteven | 111 | 3 | " | 8 | 0 |
| " | Elloe | 97 | " | Elloe | 100 | 4 | " | 77 | 2½ |
| 1918 | Holland | 130 | " | Welby | 100 | 4 | " | 84 | 8 |
| " | Kesteven | 131 | " | Holland | 19 | 7 | 1927 | 28 | 8 |
| " | Elloe | 62 | " | Kesteven | 100 | 8 | " | 62 | 3 |
| 1919 | Holland | 98 | 8 | Elloe | 65 | 8 | " | 197 | 2½ |
| " | Kesteven | 93 | 3 | Welby | 5 | 1 | " | 257 | 5½ |
| " | Elloe | 44 | 6 | Holland | 10 | 7 | 1928 | 48 | 6 |
| 1920 | Holland | 37 | 5 | Kesteven | 156 | 9 | " | 58 | 7 |
| " | Kesteven | 146 | 8 | Elloe | 130 | 7 | " | 26 | " |
| " | Elloe | 3 | 7 | Welby | 5 | 8 | " | " | " |
| 1921 | Holland | 3 | 6½ | Holland | | | | | |

Rainfall, March 19th, 1928 to March 31st, 1929, 23'31 inches.

DEEPING FEN DRAINAGE

Estimate for Rates - 1929-30.

General Works Account

Cr.

Balance
Adventurers Tax
Parliamentary Tax
Lands at 6d.
Rents
Arrears
Amount to be raised

£1240.
754.
1300.
50.
1000.
50.
2243.

Dr.

Glen Bank Rate
Superintendent's Estimate
Salaries
Miscellaneous payments.

£ 220.
4617.
1000.
800.

£6637.

£6637.

Balance down
Repayment Principal and
Interest Podge Hole Engine

£2243.
918.

£3161.

2/6 will raise
3/- " " £3250.
3900.

Query:- Sinking Fund.

FIRST DISTRICT

Balance
Rents

£ 16.
32.
112.
£ 160.

Superintendent's Estimate
General payments

£120.
40.
£160.

1/6 will raise £77, leaving a debit balance of £35.

SECOND DISTRICT

Balance
Rents

£ 125.
39.
£ 164.

Superintendent's Estimate
General payments
Cr. Balance

£102.
50.
12.
£164.

Loan £7000

THIRD DISTRICT

| | | |
|---------|---------------|-------------------------|
| Cr. | | Dr. |
| Balance | | Superintendent's £ 121. |
| Rents | £ 73. | Estimate |
| Balance | 22. | General Payments 50. |
| | 76. | £ 171. |
| | <u>£ 171.</u> | |

1/3 will raise £90 and leave a Credit balance of £14.

FIFTH DISTRICT

| | | |
|---------|---------------|-------------------------|
| Balance | £ 21. | Superintendent's £ 160. |
| Rent | 59. | Estimate |
| Balance | 130. | General payments 50. |
| | <u>£ 210.</u> | £ 210. |

1/3

SIXTH DISTRICT

| | | |
|---------|---------------|----------------------|
| Rents | £ 21. | Dr. Balance £ 53. |
| Arrears | 26. | Estimate 155. |
| Balance | 221. | General payments 60. |
| | <u>£ 268.</u> | £ 268. |

1/6 will raise £200, leaving a deficit of £21.