

RAINFALL AT *Natham-le-Wolds*

Lat..... Lon..... County of *Leicester*
 Rain Gauge, by..... Observer *E. Ball*

Went - 4.

Diameter.....			5								
Height.....			1.6								
Altitude.....			300								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			<i>2.99</i>	<i>2.25</i>	<i>1.88</i>	<i>2.20</i>	<i>2.35</i>	<i>3.32</i>	<i>1.93</i>	<i>1.19</i>	
February.....			<i>2.15</i>	<i>1.78</i>	<i>2.02</i>	<i>1.28</i>	<i>2.63</i>	<i>1.98</i>	<i>1.51</i>	<i>2.49</i>	
March.....			<i>1.81</i>	<i>1.59</i>	<i>1.40</i>	<i>.77</i>	<i>2.73</i>	<i>1.69</i>	<i>.70</i>	<i>.98</i>	
April.....			<i>3.21</i>	<i>1.22</i>	<i>1.63</i>	<i>1.30</i>	<i>4.57</i>	<i>2.75</i>	<i>1.63</i>	<i>3.16</i>	
May.....			<i>2.25</i>	<i>2.72</i>	<i>.95</i>	<i>.93</i>	<i>.71</i>	<i>2.56</i>	<i>3.72</i>	<i>3.98</i>	
June.....			<i>3.79</i>	<i>1.63</i>	<i>.52</i>	<i>2.51</i>	<i>2.09</i>	<i>1.23</i>	<i>2.03</i>	<i>4.01</i>	
July.....			<i>4.18</i>	<i>1.89</i>	<i>1.05</i>	<i>.12</i>	<i>.93</i>	<i>3.25</i>	<i>1.21</i>	<i>3.93</i>	
August.....			<i>2.88</i>	<i>3.31</i>	<i>2.47</i>	<i>2.31</i>	<i>1.59</i>	<i>3.06</i>	<i>5.74</i>	<i>3.96</i>	
September.....			<i>2.89</i>	<i>2.17</i>	<i>2.56</i>	<i>2.45</i>	<i>5.55</i>	<i>2.01</i>	<i>1.51</i>	<i>3.47</i>	
October.....			<i>3.80</i>	<i>2.29</i>	<i>2.14</i>	<i>5.01</i>	<i>1.33</i>	<i>2.14</i>	<i>2.53</i>	<i>.90</i>	
November.....			<i>3.62</i>	<i>2.77</i>	<i>2.37</i>	<i>4.78</i>	<i>3.34</i>	<i>2.81</i>	<i>4.07</i>	<i>1.51</i>	
December.....			<i>3.45</i>	<i>.44</i>	<i>2.06</i>	<i>2.21</i>	<i>5.81</i>	<i>1.87</i>	<i>1.94</i>	<i>1.43</i>	
TOTALS.....	<i>19.50</i>	<i>24.00</i>	<i>37.02</i>	<i>24.06</i>	<i>21.05</i>	<i>34.87</i>	<i>33.63</i>	<i>28.67</i>	<i>28.52</i>	<i>31.01</i>	<i>(22.223)</i>

1879 Walls 4ft high 18ft distant

House 40ft " 60ft " S.E.

1870 & 1871 estimated from Milton Mowbray Babby
 Hall + Harston [Grantham]

RAINFALL AT *Waltham-le-Wolds*

80

Lat. _____

Lon. _____

County of _____

Leicester

Rain Gauge, by _____

Observer _____

M. E. Ball

Trent - H.

Diameter	5											
Height	1.6											
Altitude	500 T				532 T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	56	1.06	2.04	2.01	2.47	1.96	3.30	1.98	.90	2.04	1.832	
February	1.80	4.75	1.83	2.93	1.42	2.28	26	.63	1.69	2.21	1.980	
March	1.82	1.48	1.34	.93	1.39	.88	2.45	1.89	2.66	2.95	1.779	
April	2.13	1.10	2.94	2.75	1.61	1.74	1.69	1.25	2.30	3.58	2.109	
May	1.51	1.06	2.33	2.94	1.30	1.77	5.31	2.05	.85	4.98	2.410	
June	5.06	2.53	4.35	2.62	1.35	2.34	1.89	.54	2.17	.50	2.335	
July	6.85	1.89	3.05	3.01	4.37	.07	2.78	1.57	4.78	2.91	3.128	
August	1.79	5.53	3.09	3.73	2.10	2.16	2.22	.64	2.60	3.80	2.766	
September....	5.08	2.66	2.59	5.81	.86	3.60	1.70	2.88	1.09	2.35	2.862	
October	5.69	3.47	5.40	2.25	1.26	5.78	5.17	2.01	.65	3.26	3.494	
November....	1.89	2.75	3.95	4.05	1.40	2.90	2.31	2.31	3.84	.66	2.606	
December	2.68	3.13	4.63	1.23	2.14	.78	4.07	1.43	1.82	2.19	2.410	
TOTALS	36.86	31.41	37.54	34.26	21.67	26.26	33.15	19.18	25.35	31.43	29.711	

1880. St. Mary Magdalene, 260 yards N.E.

RAINFALL AT Waltham-le-Wolds

Lat.

Lon.

County of _____

Leicester

Rain Gauge, by

Observer

Mr E Ball

Trent - 44.

[illegible]

RAINFALL AT

Waltham. le. Woods

Lat. 52° 49' N

Lon. 0° 49' W

County of Leicester

Trent - Lt.

Rain, Gauge, by

Observer

Jap W. L. Emerson
in Hygiene

Diameter . . . .	.5										
Height	10										
Altitude	568										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		1.74	1.16	1.62	2.05	3.94	1.20	2.46	.94	3.03	
February . . . .		.14	1.98	2.53	2.04	.29	.86	3.45	.60	1.41	
March		1.50	1.21	.16	.85	1.98	1.78	2.18	1.63	.67	
April		2.08	1.35	.36	1.16	1.54	.82	1.63	2.02	2.20	
May		3.52	2.33	1.68	1.74	.60	.91	1.26	2.97	2.91	
June		4.11	2.88	.85	1.83	.64	2.53	2.78	1.27	1.04	
July		2.54	2.27	2.51	2.52	2.40	1.99	.31	1.45	1.47	
August		3.08	1.83	3.59	2.69	1.67	2.16	4.36	3.17	.93	
September . . .		1.38	3.47	1.83	.84	.53	3.84	1.83	.49	3.53	
October		4.90	5.46	2.27	2.89	4.01	4.59	1.20	3.54	2.87	
November		2.97	.97	2.30	2.43	3.67	1.40	1.11	2.77	1.25	
December		3.13	1.14	1.70	2.22	2.37	3.80	2.56	1.92	2.38	
TOTALS	22.34	31.09	26.05	21.40	23.26	23.64	25.88	25.13	22.77	23.69	24.525

0.9.

1891 ? Part of the year at old station

1892 Waltham Church 250 yards W

Stable 16 ft high 21 ft E

House 35 ft " 27 " N

1896 St Mary Magdalene 200 yards NNE

Wall 4 ft high 36 ft N

" " 18 " W

1890 Old gauge

RAINFALL AT Waltham-le-Wolds School

Lat.

Lon.

County of Leicester

Rain Gauge, by

Observer Mr. Higgins Esq.Front - Rank - 4.

Diameter ..	5											
Height	1.0											
Altitude ..	568											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..												
February ..	3.17	1.20	1.18	1.82	1.86	.57	2.46	.98	1.22	.97	1.537	
March	4.86	1.48	1.41	.86	1.80	.49	1.65	1.06	1.47	.63	1.571	
April	1.01	1.85	1.38	3.09	1.31	1.47	1.21	1.10	2.40	3.96	1.878	
May .....	.90	2.56	1.68	1.69	.62	1.75	.40	2.50	2.52	1.33	1.595	
June	1.90	1.35	2.53	3.46	1.22	.32	1.32	3.52	1.60	1.30	1.852	
July	1.80	.82	2.08	1.78	.78	3.71	2.14	2.22	1.14	2.58	1.905	
August	1.33	2.97	1.17	2.05	2.46	2.20	.69	2.59	3.07	3.75	2.228	
September ..	4.90	1.52	2.98	5.38	1.61	2.87	1.29	2.33	2.86	2.84	2.858	
October ....	.40	1.65	1.09	2.84	1.57	3.33	1.06	.70	1.43	3.75	1.782	
November ..	2.05	1.16	2.37	6.00	.46	1.02	4.24	4.08	1.53	3.17	2.608	
December ..	2.27	1.37	1.57	1.87	.98	2.36	2.61	2.10	.90	.64	1.667	
TOTALS ..	4.42	4.71	1.58	.82	1.06	.57	3.20	3.08	1.64	4.39	2.547	
TOTALS ..	29.01	22.64	21.02	31.66	15.73	20.60	22.27	26.26	21.78	29.31	24.028	✓

22.50 wt. for 100 lbs. 1909

(24.705)

1904 Record not published. too small

H. 10

RAINFALL at Waltham-on-the-Wolds School.County of LeicestershireObserver E. Higgins EsqRiver Basin Great Ouse & Trent Tributaries 4

Summit Rain Gauge, by _____

Diameter ...	5											
Height	10											
Altitude ...	568											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.72	1.46	3.74	3.08	1.34	3.05	1.23	2.71	2.17	4.07		15.79
February ...	2.23	1.86	1.63	.83	1.03	2.95	4.95	.89	1.69	2.19		10.18
March .....	.80	2.00	3.07	3.66	2.40	1.33	5.30	1.41	.77	3.54		9.72
April	1.75	.97	.21	2.34	1.52	.70	1.09	1.67	2.45	1.46		11.02
May	2.96	1.86	2.66	1.92	1.35	1.80	1.78	1.26	1.87	2.48		6.67
June	2.05	2.58	4.00	.99	2.93	1.89	1.91	1.31	.35	.99		7.39
July	3.04	.22	4.42	.42	3.03	7.31	2.11	2.56	2.51	4.84		4.56
August	2.93	1.62	5.90	1.44	1.63	2.52	2.94	6.27	1.66	3.01		12.02
September ..	1.28	1.79	1.09	2.01	.88	1.16	1.55	1.22	4.18	1.93		13.22
October ...	2.54	2.40	2.47	4.48	1.92	1.17	2.14	2.62	1.63	1.79		8.22
November ..	3.68	2.43	2.22	2.38	3.06	2.53	3.14	1.12	1.61	2.20		8.18
December ...	5.64	4.26	3.98	1.07	5.09	4.91	2.72	.97	2.37	4.30		8.07
TOTALS ...	30.62	23.45	35.39	24.62	26.18	31.32	30.86	24.01	23.26	32.80		10.36
	2	2	2	2	2	2	2	2	np	np		110.93

1915 Wall 3 ft high 18 ft H, W, S

Back years 1918-1936 received 5/38 - 12.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.49	0.49	Seaford GNR Mickleton	3 1/2 m 5 m	5 55 W	Waltham		

768604/38

Back years 1918-1926 received 5/38 — the monthly totals do not always appear reliable
1925 Gauge moved from the School. 14

Distance	Direction
from gauge	
100	100
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000
1100	1100
1200	1200
1300	1300
1400	1400
1500	1500
1600	1600
1700	1700
1800	1800
1900	1900
2000	2000
2100	2100
2200	2200
2300	2300
2400	2400
2500	2500
2600	2600
2700	2700
2800	2800
2900	2900
3000	3000
3100	3100
3200	3200
3300	3300
3400	3400
3500	3500
3600	3600
3700	3700
3800	3800
3900	3900
4000	4000
4100	4100
4200	4200
4300	4300
4400	4400
4500	4500
4600	4600
4700	4700
4800	4800
4900	4900
5000	5000
5100	5100
5200	5200
5300	5300
5400	5400
5500	5500
5600	5600
5700	5700
5800	5800
5900	5900
6000	6000
6100	6100
6200	6200
6300	6300
6400	6400
6500	6500
6600	6600
6700	6700
6800	6800
6900	6900
7000	7000
7100	7100
7200	7200
7300	7300
7400	7400
7500	7500
7600	7600
7700	7700
7800	7800
7900	7900
8000	8000
8100	8100
8200	8200
8300	8300
8400	8400
8500	8500
8600	8600
8700	8700
8800	8800
8900	8900
9000	9000
9100	9100
9200	9200
9300	9300
9400	9400
9500	9500
9600	9600
9700	9700
9800	9800
9900	9900
10000	10000

(*2505†—1386) Wt. 27165—1817 10,000 4/31 T.S. 118

RAINFALL at Waltham on the WoldsCounty of Leicester Observer G. Higgins Esq.River Basin L. Trent Right BankType of Gauge Snowdon

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

762604/38

Diameter							5					
Height							10					
Altitude							560		568			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.37	1.23	1.28	1.73	1.43	3.57	2.15	2.11	4.35	2.35		Totals 22.57
February	2.68	.56	2.93	.64	2.27	2.47	3.64	.97	.84	3.23		20.23
March .....	.73	2.24	2.39	1.32	.85	1.23	3.15	.23	1.93	2.15		16.22
April	3.50	2.47	1.00	2.81	3.11	1.53	3.02	.04	1.95	1.61		21.04
May	3.19	5.05	1.78	.87	.56	.99	3.51	2.68	1.10	.67		20.40
June	2.13	.97	1.76	.60	2.74	2.23	.47	1.03	2.53	1.06		15.52
July	4.58	5.87	1.01	3.08	.19	5.22	7.64	2.30	3.32	2.94		36.15
August	2.75	2.25	.66	2.02	1.17	1.04	.87	4.04	3.82	.35		18.97
September	2.94	1.82	2.42	.93	3.89	2.61	1.50	1.74	.87	.80		19.52
October .....	.44	2.99	1.79	2.24	2.44	1.53	2.10	1.68	3.29	3.49		22.01
November	1.34	1.12	1.61	.62	4.38	2.51	1.28	2.08	3.43	5.58		23.95
December .....	.84	.61	.39	4.48	2.05	1.59	2.31	4.48	1.31	1.02		17.08
TOTALS	27.51	27.18	19.02	21.34	25.08	26.52	31.64	23.38	28.74	25.25		255.66
	npv	npv	npv	npv	npv	npv	D	D	d	d		npv

1937 House 30' high 50' W: Stevenson screen w 10' high 10' NE: Rod. Th. Stand w 6' high 10' N.

Backs yrs. 1918-1936 received 5/38 - the wind may not end on the 1938 House 25' high 40' S.W: Stevenson screen w 6' high 8' N.E. front each wind 1/5. Then. Stand w 6' high 8' N.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1937			Scalford	3 1/2 mb	W. W. W.	Waltham	120 yds	W.

Station No. 2521/8RAINFALL at Waltham-on-the-Wolds

41

County of LeicesterObserver G. Higgins Esq.

died 11/42

River Basin Great Ouse Bank - 4W. E. Higgins Esq.Type of Gauge StandardAnnual Average in. based on years obs. un-weighted. Period of average Ref. File No. 762604/38

Diameter	5"			113	259							
Height	1'0"				1							
Altitude	560'				41			570'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.22	2.05	3.82	2.45	1.95	2.26	2.00	4.06	1.01	.92		23.74
February	2.67	.96	.65	2.15	1.73	3.63	2.15	1.54	.67	3.39		19.54
March	3.60	1.49	.65	.36	.58	1.08	4.60	.52	1.57	.76		15.31
April	1.74	.79	.51	2.79	1.45	1.47	1.96	1.34	2.12	2.00		16.53
May	2.29	2.74	2.33	1.45	1.75	1.71	1.76	2.21	2.18	2.65		21.07
June	.50	.91	1.73	2.07	2.52	3.01	1.76	2.12	.44	1.57		16.63
July	4.66	2.58	1.18	2.15	3.02	1.30	1.96	1.32	3.13	2.19		23.46
August	4.04	1.51	1.78	2.90	2.06	3.77	.18	3.36	1.92	2.22		23.74
September	.54	1.17	1.98	4.26	1.18	3.64	.90	3.01	1.28	3.59		21.55
October	2.63	2.21	1.66	2.59	3.22	1.66	.27	2.14	4.61	.79		21.78
November	2.98	2.58	1.71	3.32	.52	5.48	1.32	1.56	3.25	4.29		26.99
December	.57	1.98	.86	1.15	1.93	2.95	2.36	3.41	1.65	1.59		18.45
TOTALS	29.44	20.95	19.22	27.64	21.91	31.98	21.22	26.59	23.83	25.96		268.79
	D	D	D	D	D	D	D	D	D	D		426

1941 House 25' high 40' SW Stevenson Screen 4' 6" high 8' N.E. Rod Therm. Stand
 1944 House 25' 40' N. S.W. Hedge 5' N. 25' W.E. Apple Tree 20' N. 30' W.
 1947 Apple Tree 20' high, 20' W. 40' Screen 5' high 14' E. House 25' high 40' S.W.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Scaford	3 1/2 m.	W.	Waltham	200 y.	W.
1946			Waltham	1 m.	WNW	"	200 y.	SW

BRITISH RAINFALL ORGANIZATION

Station No. 2521/8

51

RAINFALL at WALTHAM - ON - THE - WILDS.County of LEICESTERSHIRE Observer V. E. HIGGINS, Esq.River Basin TRENT - R. BANK - 4Type of Gauge SNOWDONAnnual Average 25.49 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. P
File No. 768604/38

Diameter ...	5"			113	259						
Height ...	1' 1"				1						
Altitude ...	570'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.97	1.48	1.15	1.30	2.68	3.82	1.59	2.63	3.16	5.25	26.03
February ...	3.53	.69	1.61	2.51	2.63	.84	2.57	2.97	.08	1.85	19.28
March ...	3.24	3.12	1.25	1.91	2.40	.91	1.70	1.69	1.97	1.56	19.75
April ...	2.37	1.40	2.39	.46	1.22	1.67	.45	.67	2.14	0.55	13.32
May ...	3.17	2.27	1.64	3.43	3.43	.67	1.32	1.86	.52	1.09	19.40
June ...	1.29	2.00	3.19	2.91	2.97	3.28	2.02	5.06	1.05	2.01	25.78
July ...	1.07	.29	2.32	2.75	.55	2.71	3.64	4.00	1.18	3.50	22.01
August ...	4.14	2.91	2.51	4.75	.50	4.35	1.91	3.42	.95	3.94	29.38
September ...	1.01	1.92	1.05	2.36	.70	1.71	5.56	2.76	.13	4.60	21.80
October ...	1.07	2.59	1.94	3.37	1.66	1.15	1.14	1.78	1.76	5.93	22.29
November ...	5.89	2.40	1.68	4.70	.93	.92	2.34	1.85	2.41	3.17	26.29
December ...	1.61	2.39	.95	2.06	1.53	1.82	2.67	2.67	3.31	3.79	22.80
TOTALS ...	31.36	23.46	21.76	32.47	21.20	23.85	26.91	31.36	18.64	37.24	268.13

1951 House 25', 40' SW; Apple tree 20', 20' W; Meteorological Screen 5', 14' E.
 1955 - Oct - Dec sent monthly return of daily values for H.O. Sept. 1959.
 ... only return totals on 1950 for Oct - Dec.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference SK(43)809252

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Waltham	1 mi NW	Waltham	200 yds S.W.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ but -16, 19, 19	✓ -	✓ D 37.38 239.40	✓ ✓	