

RAINFALL at Rothwell Shotwell MillCounty of NorthamptonshireObserver T. C. Betts Esq A. Harris EsqRiver, Basin None LJ. Kilburn Esq C. D. Rochester EsqLondon Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1.6										
Altitude ...	320 $\pi$					323			340		Totals
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1910-19
January ...	.84	3.31	3.57	.43	1.98	1.99	1.15	1.82	4.50	8.76	
February ...	1.14	1.89	.50	1.52	2.59	4.08	.62	1.28	3.17	9.15	
March .....	1.72	2.55	2.92	2.54	.76	4.24	1.33	.83	4.27	10.67	
April .....	.89	.09	2.57	.50	.85	.93	1.29	2.68	1.78	6.65	
May .....	2.39	2.09	1.53	1.19	1.70	.61	2.02	1.55	.93	5.11	
June .....	1.63	3.17	.65	1.99	.84	1.32	3.94	.39	.66	6.31	
July .....	.10	5.39	1.69	2.16	4.08	1.70	1.07	2.72	2.69	3.18	
August .....	2.11	7.41	1.99	1.39	2.17	3.86	4.89	.82	2.36	11.93	
September ..	1.08	1.32	1.48	.77	1.23	.98	1.31	4.25	1.60	8.14	
October ...	2.03	2.51	3.52	2.85	1.64	2.56	3.11	1.31	1.19	8.17	
November ..	2.49	1.64	2.61	2.99	2.56	3.26	1.01	2.17	1.91	8.35	
December ...	3.62	3.04	.59	4.54	4.45	2.84	.72	2.16	3.70	9.42	
TOTALS ...	20.04	34.41	23.62	23.17	24.85	27.67	22.46	21.98	28.73	100.88	

1911 Hedge low 20 yds W  
 Building 20 ft high 23 - E  
 1918 House 30 ft. 300 ft SSE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.26	0.27	Deoborough	1 m	NW	Deoborough Rothwell	7 1/2 m	NW 5

RAINFALL at Rothwell Shotwell Mill W.W.County of NorthamptonshireObserver H. J. Lynne Esq.River Basin Nene Hobs. C. Kilborn(1926) E. Whittam

(The Surveyor)

Snowdon Rain Gauge, by

Surveyor Rothwell, W.S.

Diameter ...	5"											6	
Height .....	1	6										1.6	
Altitude ...	340											340	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>	Totals	
January ...	2.36	2.19	3.50	1.95	1.83	(1.20)	2.95	2.24	3.73	1.54	2.77	26.36	
February ...	.65	.32	2.08	4.08	.47	(2.40)	3.23	2.39	1.56	.59	0.63	18.40	
March .....	1.91	1.73	1.08	1.86	.70	(1.20)	1.72	2.01	1.94	.05	1.58	15.78	
April .....	3.88	.88	3.07	1.69	3.34	(1.60)	1.82	1.26	.91	1.53	2.34	22.32	
May .....	1.21	1.77	.85	1.00	3.20	(4.40)	1.56	.58	1.12	1.16	2.56	19.41	
June .....	1.79	.50	.78	.43	1.68	(.00)	1.91	3.27	2.54	1.08	1.51	15.49	
July .....	2.91	.15	3.50	3.42	2.47	(1.80)	1.37	1.53	1.90	1.29	3.43	23.83	
August .....	1.34	2.02	4.87	1.54	1.67	(.60)	1.02	3.75	1.95	1.17	1.86	21.79	
September...	1.71	.98	1.87	2.76	2.58	(3.00)	1.80	4.67	.90	.61	3.56	24.44	
October .....	1.26	1.38	.84	3.27	4.41	(3.00)	2.22	1.82	3.76	3.51	1.26	26.73	
November...	1.22	1.61	1.05	1.64	1.84	(1.80)	2.60	3.41	3.00	4.00	2.19	24.36	
December...	2.36	1.37	2.36	2.47	2.56	(2.70)	.63	2.55	2.41	5.07	2.12	26.60	
TOTALS...	22.60	14.90	25.86	26.11	26.80	23.70	22.83	29.53	25.77	21.60	25.81	265.50	

1920. Pump House 20ft high 100ft E

1926. Tree 8ft high 20ft W.

Hedge 6 " " 15 " S.

1927 October corr. by surrounding stations

1930. Buildings 15' high 32' E.

Open for some distance.

S. read 9 am in Wind.

.. 10 .. .. Summer.

entry  
Desborough C.S.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52° 25'	0° 40'	Desborough	1 1/8 mi	N.N.W.	Rothwell	1 mi	S.
				2 mi	N.		1/2 mi	S.W.

## RAINFALL at Rothwell (Shatwell Mill W.W.)

County of NorthamptonshireObserver The Surveyor, V.D.C.River Basin Nene - 4Type of Gauge M.O.Annual Average 23.6 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. Summary 852978 18  
computed x/36

Diameter	5.					6					
Height	1.6.										
Altitude	340.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.34	1.24	1.10	1.66	.90	3.91	3.43	2.50	6.10	2.76	23.93
February	2.40	.46	2.52	.37	2.13	2.09	3.33	.79	.83	2.42	17.34
March	.17	1.49	2.61	1.82	.37	1.43	3.24	.20	1.72	2.41	14.96
April	3.37	2.76	.58	1.77	3.57	2.11	2.92	.30	2.32	1.91	21.61
May	2.15	4.62	1.25	.81	.69	.80	3.80	1.52	.71	1.21	17.56
June	1.26	.44	1.48	.71	3.63	3.52	2.07	1.57	1.51	.85	17.04
July	2.87	2.74	1.43	.97	.79	6.04	2.12	2.32	2.38	2.96	24.62
August	2.81	1.40	.67	1.26	1.10	.54	1.41	2.74	4.40	.20	16.72
September	2.75	2.64	1.86	1.83	3.32	1.96	1.24	1.60	.73	.53	19.46
October	.34	2.42	1.96	1.14	2.86	1.46	2.53	1.97	4.25	3.33	22.26
November	2.36	2.17	1.73	2.27	3.73	2.28	1.72	2.73	3.57	6.15	28.71
December	.69	.58	.41	4.56	3.02	1.58	2.87	3.65	1.38	1.76	20.50
TOTALS	22.51	22.96	17.60	18.66	26.11	27.72	30.89	21.89	28.90	26.49	243.71

1931. Trees 8-10 ft. high, 20 ft. W.

Hedge 6 " " 15 " S.

Buildings 18 " " 32 " E.

1939. Trees 12 ft. high, 40 ft. W.

Hedge 7 " " 35 " S.

Buildings 18 ft. " 30 " E.

Open for same distance to the N.

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
1931			Desborough S.W.	2 mi.	N.	Rothwell	1 1/2 mi.	S.W.



Station No. 1131

## RAINFALL at ROTHWELL (Shotwell Mill W.W.)

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County of Northamptonshire

Observer The Surveyor V.D.C.

River Basin Nene - 4

Type of Gauge M.O.

Annual Average 23.6 in. based on 23 years obs. wt-weighted. Period of average 1881-1915 Ref. 3

File No. 852978/28

Diameter	5"			161	018							
Height	1' 6"					1' 5"				1 6		
Altitude	340'					325'				340	Totals	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.76	2.46	3.82	1.83	2.04	1.72	1.97	5.40	1.12	.75	24.57	
February	1.94	1.00	.98	1.17	1.82	2.12	2.08	1.01	1.48	3.66	17.20	
March	3.24	1.50	.94	.26	.81	1.00	4.91	.63	1.53	1.02	15.84	
April	1.39	1.04	.90	1.48	1.01	1.77	1.94	1.58	1.85	2.26	15.22	
May	2.08	3.36	2.22	.99	1.56	1.64	1.30	2.94	2.18	2.52	20.79	
June	1.65	.55	1.82	2.52	2.40	2.74	1.75	2.06	.37	1.70	17.56	
July	2.71	1.68	.83	1.63	2.06	1.57	2.27	1.50	3.23	2.95	20.43	
August	3.22	1.83	1.88	1.94	1.19	3.35	.03	3.45	1.56	1.77	20.22	
September	.61	.77	2.30	2.78	1.66	3.04	1.25	3.02	1.58	3.08	20.09	
October	1.65	2.48	1.64	2.84	2.83	.95	.21	3.06	4.70	.61	20.97	
November	2.82	2.17	1.43	3.33	.41	5.36	1.26	1.79	2.60	3.82	24.99	
December	.73	1.67	.80	1.17	3.04	2.23	2.24	2.63	1.52	1.44	17.47	
TOTALS	25.80	20.51	19.56	21.94	20.83	27.49	21.21	28.77	23.72	25.58	235.41	
	D	D	D	D	D	D	D	D	D	D	D	

1941 Trees 12' high 40' W. Hedge 7' high 35' S. building 18' high 30' E. upon space for  
 1946 Building 15' - 30E some distance to N.

C.1921. T1957

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	Parish Church.	Distance from gauge.	Direction
1941			Deoborough	2m	N	Rothwell	1 1/2 m	SW.
1946			Deoborough	1 1/2 m	N.E	Rothwell	4950 ft.	N.
1948			do.	2m.	N.	do.	1 1/2 m	SW

BRITISH RAINFALL ORGANIZATION

Station No. 151

RAINFALL at ROTHWELL (SHOTWELL Mill W.W.)

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County of NORTHAMPTON

Observer THE SURVEYOR, D.D.C.

River Basin NENE - 4

Mid Northants Water B.I. 191957

Type of Gauge M.O.

Annual Average 23.6 in. based on 23 years obs. un-weighted.  
24.16 " " 35 " " 1916-1950Period of average 1881-1915 Ref. S  
1916-1950  
File No. 852928/28 E. 2427/60

Diameter in.	5			161	018						
Height ft. in.	1 6										
Altitude ft.	340										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.13	1.85	1.00	1.05	2.08	3.25	1.09				
February ...	3.57	.74	1.69	2.23	2.06	.57	2.65				
March ...	3.38	2.41	.78	2.24	2.37	.86	1.85				
April ...	2.64	1.74	1.99	.30	.75	.95	.35				
May ...	3.14	1.28	1.37	2.41	3.48	.63	1.29				
June ...	1.55	1.18	2.07	2.11	2.52	2.66	2.09				
July ...	.97	.41	2.12	2.34	.15	3.72	3.33				
August ...	3.89	3.85	2.41	4.16	.72	3.45	2.58				
September ...	1.58	1.43	1.57	1.96	1.13	1.83	5.11				
October ...	.67	3.33	1.90	2.71	1.93	1.45	1.12				
November ...	4.59	2.81	1.56	4.60	.89	.71	1.60				
December ...	1.86	2.41	.78	2.95	1.47	3.17	(2.60)				
TOTALS ...	29.97	23.44	19.24	29.06	19.55	23.25	(25.66)				

1951. Trinity 18 ft. high, 30 ft. E. Trazo 12 ft. 10 ft. W, Hedge 8 ft., 3 ft. S.

1957. Change of Authority.

1951. Dec. not 11036.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SF 42816826

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1951			Peltonburgh	2 mi.	N.	Rothwell	1 1/2 mi.	SW.

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
	c 1911 ✓	✓ NR 25	✓	✓	
	✓	✓ build 26	✓	✓	