

near
RAINFALL at Wellington, Sewage Pumping Station.

County of Northants 4

Observer R. Stevenson Henshaw Esq. C.E.

River Basin Nene - 4

Snowdon Rain Gauge, by

Diameter ...										5 ..	
Height										1 -	
Altitude ...										138-5	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							1.80	1.83	2.45	3.90	
February ...							3.60	.71	1.00	2.58	
March							4.00	1.43	.58	4.03	
April							1.00	1.30	2.86	1.91	
May							2.00	2.50	2.11	1.09	
June							1.80	1.89	.40	.80	
July							1.80	1.89	2.79	2.22	
August							4.00	6.47	.78	2.23	
September...							.50	1.81	5.05	1.55	
October ...							2.20	2.78	1.54	1.42	
November...							3.30	1.01	1.88	1.65	
December...							2.60	.60	2.09	3.43	
TOTALS ...							28.80	24.22	23.53	26.81	

For Trees 16 ft. 30 ft. S.

Hedge 5 ft 20 ft W.

W.H.
Buryfield

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1917	52° 17' 45" N	0° 40' W.	Worcester Midland	3 1/4 m.		Parish	1 1/4 m.	W. N. W.

RAINFALL at Wellingborough, Sewage Pumping Station

County of Northamptonshire. Observer P. S. Henshaw Esq C.E.

River Basin Nene 4 Engineer Surveyor

Snowdon Rain Gauge, by

Works

Diameter ...	5"										
Height	1.0										
Altitude ...	139										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.13	2.18	3.27	1.04	2.20	.86	3.01	1.92	3.07	1.13	2.35
February81	.82	1.92	3.55	.58	2.10	2.93	2.48	1.43	.75	.87
March	1.93	.71	1.58	1.74	.64	.75	.65	2.00	1.31	.05	1.36
April.....	3.74	.92	3.04	1.54	3.07	1.90	2.83	1.34	1.19	1.49	2.19
May	1.27	.95	1.11	1.25	4.48	3.25	3.75	.70	.90	.76	2.66
June	1.90	.32	1.01	.46	1.83	.02	2.12	3.01	2.10	1.09	.71
July	2.64	.16	3.49	2.69	3.33	2.01	1.46	2.41	2.59	1.65	2.90
August81	2.09	5.11	1.66	1.91	1.67	1.07	4.07	1.74	.69	2.12
September...	2.28	1.00	2.06	2.66	2.39	2.62	1.83	4.25	.89	.23	3.51
October.....	1.32	1.54	.76	2.78	3.92	3.42	2.22	1.60	3.05	2.60	.90
November...	1.02	1.58	.93	1.55	2.53	1.70	3.06	2.63	2.55	4.47	3.20
December...	1.93	1.38	2.35	2.23	2.63	2.48	.49	3.42	2.57	3.71	2.29
TOTALS...	21.78	13.15	26.63	23.16	29.51	22.78	25.44	29.33	23.39	18.62	25.06

1920 Fir Trees 16 ft High 30 ft S.

Hedge 5" " 20 " W.

1930. G. read 9 am in Winter.

- - 10 .. " Summer.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920	52° 17' 40"	0° 40'	Wellingborough	3 1/4 mi	N.W.	St. Peter's Parish Ch.	1 1/4 mi NW by W.

RAINFALL at Wellingborough (Sewage Works)

County of Northamptonshire Observer R. S. Henshaw, Esq. C.E.

River Basin Nene - 4 R. knitting Eng. (B.R. 1939)

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref. 69744/30

Diameter	5.										
Height	1.0.										
Altitude	139.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.14	.95	1.00	1.16	1.84	3.07	3.01	2.30	4.40	2.58	20.46
February	2.31	.75	2.03	.49	2.13	1.87	2.65	.60	.65	1.95	14.83
March	.10	1.05	2.17	1.50	1.40	1.18	3.16	.09	1.47	1.90	13.52
April	2.96	3.08	.52	1.81	3.01	1.72	2.44	.04	1.93	2.06	19.07
May	2.77	4.30	.95	1.73	1.02	1.25	3.74	1.62	.79	1.17	18.34
June	1.36	.48	1.84	.82	2.66	4.11	1.83	1.35	1.77	.53	16.75
July	2.85	3.05	2.07	.98	1.74	1.29	1.66	1.33	2.29	2.35	25.11
August	3.49	2.79	.84	1.36	1.95	.34	1.67	3.53	4.20	.14	20.31
September	2.45	2.83	1.43	1.34	4.11	1.99	1.07	1.61	.67	.39	17.89
October	.39	2.47	1.54	1.17	2.64	1.49	2.59	2.34	4.22	2.04	20.89
November	2.15	1.45	1.79	1.92	3.39	2.10	1.49	2.08	3.00	5.26	14.63
December	.66	.27	.36	3.81	2.57	1.30	1.94	2.84	1.84	1.42	17.01
TOTALS	22.63	23.87	16.54	16.59	25.46	27.71	27.25	19.73	27.23	26.79	218.80

1931. For Years 16 ft. High 30 ft. S.

Bridge 5" " 20 ft. W.

Inspectd 1/3/35 - Tunnel should be repaired and rain caught in narrow-necked glass bottle. Pipe round gauge should be lowered so that its upper surface is level with the ground. Recommended that gauge be moved to site selected on asphalt. Gauge lowered to ground level after inspectd + average obtained from 18 years records 1917-34 rejected as .3" low. (see file)

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Wellingborough Rd. 2½ mi. N.W.			all id. all. id. all. id.	1½ mi.	N.W. by J.

Station No. 1119

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RAINFALL at Wellingborough (Sewage Works)

County of Northamptonshire

Observer R. Kilby Esq.

River Basin Nene - H

Type of Gauge Standard

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

Ref.

23.2

File No. 69744/39

Diameter	5"			161	738						
Height	1' 0"										
Altitude	139'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.19	2.37	3.20	1.26	1.57	1.05	1.35	3.28	.72	.63	
February	2.00	.66	.65	1.14	1.13	1.99	1.36	.63	.74	2.92	
March	3.02	1.34	.76	.08	.48	1.07	(4.85)	.63	1.09	.68	
April	1.04	.84	.83	1.66	.71	1.05	1.43	1.34	1.04	1.56	
May	2.82	3.07	1.39	.75	1.93	2.44	1.00	2.30	9.48	2.96	
June	1.69	.17	1.59	2.19	1.46	2.31	1.15	2.50	.63	2.30	
July	2.07	1.97	.70	1.33	1.43	1.41	1.61	.91	1.25	2.76	
August	4.27	1.91	1.74	2.35	1.34	3.21	.00	2.26	.57	1.28	
September	.58	.97	1.34	2.29	2.51	2.93	1.05	1.90	1.50	2.76	
October	2.03	1.92	1.63	2.83	3.26	1.31	.33	3.13	3.70	.54	
November	2.61	2.01	1.12	2.53	.23	3.64	1.25	1.45	1.84	2.70	
December	.79	1.47	.74	.98	2.33	1.85	1.82	2.25	1.18	.90	
TOTALS	25.61	18.70	15.72	19.39	18.38	24.26	17.20	22.58	1674	21.99	

* For trees 16' high 30° S. Hedge 5' high 20° W.

Used in General Tables. Origin Unknown

* Average obtained from 18 years records 1917-34 rejected as .8" low (see file).

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 from gauge	Parish Church.	Distance from gauge
1941			Wellingborough Midland Rd.	3 1/2 mi	NW	All Hallows	1 1/2 mi NW

Station No. 1119

RAINFALL at WEARING BOROUGH (SEWAGE WORKS)

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County of NORTHAMPTON

Observer R. K. G. F. E. P. S.

River Basin NENE - 4

Borough Engineer and Surveyor

Type of Gauge SNOWDON (Barola)

Annual Average 22.7 in. based on years obs. un-weighted. Period of average

Ref.

File No. 69744/30

Diameter in.	5			161	738					5"	
Height ft. in.	10				1					10"	
Altitude ft.	139				51					150'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.25	1.29	.76	.66	1.84	3.84	1.15	2.47	3.46	3.67	
February	2.74	.58	1.19	1.89	1.85	1.03	2.04	3.08	.07	1.78	
March	2.95	2.39	.53	1.87	2.16	.77	1.75	1.54	2.49	1.76	
April	2.28	1.89	1.72	.19	.58	1.04	.38	.72	1.84	.43	
May	3.86	3.29	1.50	2.30	3.44	.42	1.94	2.10	.41	1.39	
June	.81	1.07	1.21	2.09	1.87	2.96	2.34	5.61	.60	2.31	
July	.68	.80	2.56	2.62	.14	4.49	3.17	2.12	2.79	3.63	
August	3.90	2.92	2.36	3.18	.57	3.98	2.34	3.27	.61	3.37	
September	1.89	2.06	.97	1.85	1.44	1.65	4.16	2.04	.01	4.48	
October	.63	2.20	1.09	1.82	1.79	1.38	1.69	1.95	1.25	4.88	
November	3.44	2.21	1.40	4.25	1.24	.54	1.54	1.79	1.67	3.43	
December	1.18	1.98	.53	2.20	1.89	2.98	2.40	2.42	3.84	2.29	
TOTALS	25.61	22.18	15.82	26.72	18.81	25.08	24.85	29.11	19.04	33.42	
	d	d	nl.	nl.	d	d	d	d	d	d	

1952 4in trees 16ft., soft. S, Hedge 5ft., 20ft. W.

1953 np low Gauge leaking Repaired 1.7.54.

1954 np low

Inspected 8.11.60 by J. H. Miller. o/s SW → SE and NE → NW. Row of trees (WNW → ESE) nearest 30°-25°NNE.
P.S. 30°-60° ESE → evergreen 30°-45° SE (more inland) → 30°-30° SW. Nothing else available

* Drier when!

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SP(42) 911673

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
			Midland Rd., W'boro'	2 1/4 mls.	NW	All Hallows, W'boro'	1 1/4 mls. NW

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		c 1917 ✓	✓	✓	✓ b/w d 33 ✓	