

## RAINFALL AT Biggleswade - Waterworks

Lat. ....

Lon. .... County of Bedfordshire .....

Snowdon Rain Gauge, by H. T. J.

Observer H. G. Evans Esq. C. I. E.

base - 3.

Diameter ..									5		
Height ..									10	1.6	
Altitude ..									170 ft		
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..									.67	1.06	.76
February ..									.75	1.04	.25
March ..									.41	2.42	2.47
April ..									1.99	2.67	1.30
May ..									3.58	1.59	1.23
June ..									1.41	1.11	4.59
July ..									1.99	2.72	3.09
August ..									2.31	2.05	3.69
September ..									.59	1.17	1.77
October ..									3.13	1.49	3.48
November ..									1.78	.78	.54
December ..									2.58	1.31	2.78
TOTALS ..									21.17	19.31	25.95?

1907 Edworth Church 1 mile E + SE

Biggleswade N.E. 2 1/2 miles N + N.W.

Eng. Stone &amp; Lime 30 + 35 ft high 80 ft E.

The land surrounding the gauge is flat agricultural sandy meadow

1909. The fall on Aug. 21. (1.93 in.) is incredible but observ. maintains its accuracy.

RAINFALL at Biggleswade Water Works (New Forest Pumping Sta.)

County of Bedfordshire

Observer H. Carne Esq. C.E.

River Basin Ouse 3

3 ft. rain gauge

Summ. Rain Gauge, by N+3

Diameter ...	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height .....	1 6											
Altitude ...	170 ft											
Year ...	1910	1.41	.99	2.95	1.91	.56	2.32					
January ...	2.12	.94	.92	.66	1.24	2.05						
February ...	.72	1.56	2.08	1.83	2.95	1.64						
March .....	2.27	.62	.08	1.89	.61	.91						
April .....	3.04	1.10	1.47	1.51	1.11	1.71						
May .....	1.28	2.26	2.79	.91	2.12	1.22						
June .....	1.85	.35	2.92	.86	3.17	3.83						
July .....	1.92	1.40	5.46	.88	1.08	2.05						
August .....	.72	1.16	1.67	1.45	.89	1.46						
September ..	1.97	1.88	1.96	2.45	2.21	1.00						
October ...	2.77	2.33	1.79	1.89	2.36	1.92						
November ...	3.63	3.08	2.14	.63	5.21	3.27						
TOTALS ...	23.70	17.67	26.23	16.87	23.50	23.68	NR	24.69	21.99	25.14		

1910 Engine No 30 ft high 80 ft } E  
Shutting No 35 .. } 55  
1913 Apr 20 f mmed 80 ft 55

Annual Total 1916 - 1922 ? read to Rule 824623/18  
monthly total 1923 - 1927 9/28

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
(90)			Biggleswade	2 1/2 m	NW	Colworth	1 miles	E & S E

RAINFALL at Biggleswade Water Works  
(New Spring Pumping Station)County of BedfordshireObserver G. J. Wainwright, Esq.River Basin Ouse 3.Engineer Biggleswade Water Bd)Rain Gauge, by N.Y.T.  
M.O. (1929)J.A. Staniforth (1928)

Diameter ...	5								5		5
Height .....	1.6								1		1.6
Altitude ...	170										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u>
January ...				1.32	2.25	1.27	1.77	1.98	2.54	1.25	1.98
February ...				3.12	1.38	2.34	3.20	2.58	1.31	1.74	1.30
March .....				2.73	1.89	1.09	1.32	1.76	.69	.05	1.45
April.....				1.82	2.23	1.77	3.12	1.84	1.51	1.24	1.63
May .....				1.44	4.48	2.55	2.43	.89	1.63	1.82	1.95
June .....				.61	2.22	.12	2.04	2.35	1.95	.73	.36
July .....				2.40	2.79	2.28	2.79	2.52	2.01	1.32	2.60
August .....				2.93	2.06	2.45	1.18	3.21	2.91	1.03	2.29
September...				2.44	1.86	2.38	1.80	4.11	.75	.22	2.82
October.....				3.67	4.14	3.02	2.27	1.11	3.05	3.14	.76
November...				1.19	2.21	1.80	3.21	2.10	1.91	4.59	3.17
December...				1.93	1.93	1.63	1.32	1.57	2.24	2.91	2.19
TOTALS...	20.88	11.18	22.21	25.60	28.44	22.70	24.45	26.02	22.50	19.04	21.50

Annual totals 1920-22 } rec'd. 11/28. See file 824623/28.

Monthly do. 1923-27 }

1927. Pumping station buildings about 25' high, about 10 yds N.

26452  
1927Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Biggleswade	2 1/2 m. N x NW		Leaworth	1 m. E x SE	

## RAINFALL at Biggleswade (New Spring P.S.)

County of Bedfordshire.

Observer T. A. Staniforth Esq.

River Basin: Ouse - 3.

*...and the world was created.*

Type of Gauge... N.D.

*Annual Average 2½ in. based on 32 years obs. un-weighted. Period of average 1891-1915 Re-*

Ref. Survey  
824625 | 28

Diameter	5.										
Height	1.6.										
Altitude	180.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
										Total S. Means	
January	1.64	.96	1.02	.82	1.34	2.58	2.82	2.06	3.30	2.05	18.59
February	1.60	.11	1.33	43	1.73	1.67	2.79	.48	.46	1.81	12.41
March	.09	1.43	1.79	1.17	.56	.80	2.90	.27	1.35	2.52	12.88
April	3.01	2.03	.96	1.02	2.41	1.46	2.29	.13	3.03	1.36	17.70
May	2.25	4.12	2.40	.49	1.09	.55	3.31	2.03	1.43	1.10	18.77
June	1.01	.41	1.25	.69	2.10	4.37	1.46	.59	1.52	.96	14.36
July	4.03	1.71	1.61	2.01	.36	4.83	1.88	1.30	2.45	3.99	24.17
August	3.56	3.15	.95	1.45	1.37	.32	2.07	1.89	5.64	.15	20.55
September	2.85	1.54	2.19	1.15	3.03	2.58	2.04	1.67	1.10	.55	18.70
October	.55	3.42	1.31	1.44	1.98	1.41	2.10	2.18	3.21	1.70	19.30
November	2.28	.94	1.26	1.57	3.63	2.83	1.75	1.93	3.08	6.22	25.44
December	.84	.42	.34	2.77	1.89	1.50	2.54	2.48	.93	1.20	14.41
TOTALS	23.66	20.24	16.41	15.01	20.99	24.90	27.95	17.01	27.50	23.61	217.28

1932. Pumping Station 40 ft. high 30700. 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
1932			Biggleswade	2½ mi.	N.	Biggleswade	2½ mi. N.

Station No. 1174

## RAINFALL at Biggleswade (New Spring P.S.)

41

County of Bedfordshire

Observer

J. A. Staniforth Esq.

River Basin River-3

Type of Gauge M. O.

Annual Average 21.6 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 824623/28

Diameter	5"			176	325							
Height	1' 6"					1						
Altitude	180'					U1					175'	175'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.64	2.01	3.61	1.15	1.73	1.02	.85	2.89	.85	1.01		Total 17.76
February	1.83	.62	.63	.87	1.04	1.66	1.54	.64	.99	2.90		12.72
March	2.20	1.33	.56	.31	.61	1.37	4.09	.65	.99	.53		12.64
April	1.08	.78	.72	2.20	.60	1.11	1.58	1.14	1.34	1.72		12.27
May	1.71	2.13	1.41	1.24	1.97	1.93	1.10	3.61	1.96	3.37		20.46
June	1.11	.27	2.56	1.18	2.01	3.21	1.39	2.59	.55	1.29		16.16
July	1.63	2.31	.62	1.39	1.77	1.67	1.54	.93	1.70	4.17		17.73
August	3.70	1.86	1.56	2.04	1.31	3.60	.01	3.71	.87	3.12		21.78
September	.53	1.39	1.39	2.14	2.04	2.25	.88	1.68	.44	2.54		15.31
October	2.77	3.11	1.81	2.99	2.69	1.53	.25	2.03	3.94	.35		21.47
November	2.12	2.14	1.06	2.51	.64	3.89	1.06	1.08	2.25	4.39		21.14
December	.88	1.64	.89	.71	1.86	1.57	2.44	1.44	1.38	1.23		16.06
TOTALS	22.20	19.59	16.82	18.79	18.27	24.81	16.73	22.39	17.26	26.62		203.48

1949 Pumping Sta. 40' 6 ft. 30 yds 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	Parish Church.	Distance from gauge
1949.			Biggleswade	2 1/2 miles	N	Biggleswade	2 3/4 miles N.

BRITISH RAINFALL ORGANIZATION

Station No. 1174

51

RAINFALL at Biggleswade (New Spring PS.)County of SuffolkshireObserver T. A. Stanforth, Esq.,River Basin Came - 3Type of Gauge M.O.

Annual Average 21.6 in. based on 32 years obs. un-weighted. Period of average 1911-1915 Ref. 5  
 " 21.87 " 33 " within 1923-56 " " 1916-59 " File No. 824623/28

Diameter ...	5"			176	325							
Height ...	1' 6"											
Altitude ...	175'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total means	
January	2.26	1.04	.80	.67	1.82	3.79	1.03	2.20	3.09	1.97	18.67	
February	3.41	.74	1.44	1.82	1.40	.45	2.66	2.20	.06	1.50	15.68	
March	2.57	2.83	.42	2.00	1.27	.53	.98	1.11	1.96	1.23	14.90	
April	2.65	1.59	2.35	.17	.51	1.20	.32	.86	1.56	.33	11.54	
May	2.00	1.86	1.24	2.28	3.49	.30	.95	1.64	.55	.98	15.29	
June	1.14	2.12	2.01	2.13	2.07	3.81	1.26	6.38	1.05	2.30	24.27	
July	1.64	.36	2.59	2.10	.15	3.93	2.29	3.32	3.89	2.69	22.96	
August	3.72	3.24	2.62	4.03	.96	3.90	2.62	2.77	.59	2.66	27.11	
September	2.08	2.10	1.16	1.54	1.21	2.05	2.91	2.68	.09	3.76	19.58	
October	1.11	1.90	2.27	1.71	1.87	1.54	1.74	1.65	1.32	4.28	19.39	
November	3.03	2.81	1.44	3.49	1.08	.73	1.36	1.70	1.65	3.34	20.63	
December	1.10	1.80	.41	1.72	2.10	2.42	2.03	2.43	2.78	2.91	19.70	
TOTALS ...	26.71	22.39	18.75	23.66	17.93	24.66	20.15	28.94	18.59	27.95	229.72	
	D	D	D	D	D	D	D	D	D	D		

Inspected 23/5/52 m. Deck. Gauge sound, measure Camden Site of e. w 45°.

Reconno. wave 100' w where there is room, &amp; build a few wall.

Note. A hedge which formerly protected the gauge was burnt a year or so ago.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference (S.2) 210416

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ *	✓	✓	✓	✓

\* Annual totals abt 1910-19. \* Annual totals abt 1931-40.