

RAINFALL AT Biggleswade - Watnort

Lat. Lon. County of Bedfordshire

Smarden Rain Gauge, by N.T. Observer H. G. C. E. C. E.

use - 3.

Diameter ..								5			
Height								10	1.6		
Altitude ..								170			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								.67	1.06	.76	
February ..								.75	1.04	.25	
March41	2.42	2.47	
April								1.99	2.57	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 ..								2.56	1.31	2.78	
TOTALS ..								21.17	19.31	25.95	

1907 Edworth Church 1 mile E + SE

Biggleswade 1 1/2 miles N + NW

Erpingdon House 30 + 35 ft high 80 ft E

The land surrounding the gauge is flat + agricultural scarcely any trees

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

RAINFALL at

Biggleswade Water Works (New Spring
Pump No. 2)

County of Bedfordshire

Observer

H. G. E. C. E.

River Basin

Ouse

3

S. J. Wainwright Esq.

Snoedon

Rain Gauge, by

N. 3

Diameter ...	5										
Height	1	6									
Altitude ...	170	ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.41	.99	2.95	1.91	.53	2.32					
February ...	2.12	.94	.92	.66	1.24	2.35					
March72	1.56	2.08	1.83	2.95	1.64					
April	2.27	.62	.08	1.89	.61	.91					
May	3.04	1.10	1.47	1.51	1.11	1.71					
June	1.28	2.26	2.79	.91	2.12	1.22					
July	1.85	.35	2.92	.86	3.17	3.83					
August	1.92	1.40	5.46	.88	1.08	2.05					
September ..	.72	1.16	1.67	1.45	.89	1.46					
October ...	1.97	1.88	1.96	2.45	2.21	1.00					
November ..	2.77	2.33	1.79	1.39	2.35	1.92					
December ...	3.63	3.08	2.14	.63	5.21	3.27					
TOTALS ...	23.70	17.67	26.23	16.37	23.50	23.68	NR	24.69	21.99	25.14	
	27	27	27	27	27	27	29.36				

1910 Engine No. 20 ft high } 80 ft } E
 Auxiliary No. 35 " }
 1913 apt 30 } ground 80 ft } 55

Amuse & Co. 1916-1922 } near
 makes 4000 1923-1927 } 11/23 to 21/23 824623/18

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Biggleswade	2 1/2 m	N. N. W.	Colworth	1 mile	E. S. E.

RAINFALL at Biggleswade Water Works
(New Spring Pumping Station)County of BedfordshireObserver G. J. Wainwright, Esq.River Basin Ouse 3Engineer (Biggleswade Water Bd)Lowdown Rain Gauge, by N.Y. 7
M.O. (1929)J.A. Stanforth (1928)

Diameter ...	5								5		5
Height	1.6								1		1.6
Altitude ...	170										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
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	.74	.30
March				2.73	.89	1.09	.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
June61	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	.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

Totals.

244.52
1928Annual 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.

Position of Station on reduced Ordnance Survey }
Map, 2 miles 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
			Biggleswade	2½ m.	NGNW	Leavesorth	1 m.	E X SE.

RAINFALL at Biggleswade (New Spring P.S.)County of BedfordshireObserver T. A. Staniforth, Esq.River Basin Ouse - 3Type of Gauge N.O.Annual Average 2.16 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. Survey 824625 28

Diameter	5.											
Height	1.6.											
Altitude	180.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	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	2.23	.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	1.39	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 30 ft. 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1932			Biggleswade	2 1/2 mi.	N.	Biggleswade	2 1/2 mi.	N.

Station No. 1174RAINFALL at Biggleswade (New Spring P.S.)

41

County of BedfordshireObserver J. R. Staniforth Esq.River Basin Ouse-3Type of Gauge M.O.Annual Average 21.6 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 824623/28

Diameter	5"			176	325							
Height	1'6"				1							
Altitude	180'				41				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		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		14.24
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' L x 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1949.			Biggleswade	2 1/2	N	Biggleswade	2 3/4	N.

Station No. 1174

RAINFALL at Biggleswade (The Spring, PS.)

51

County of Hertfordshire Observer T. A. Stanforth, Esq.River Basin Great Ouse - 3Type of Gauge M.O.Annual Average 21.6 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. 5
" 21.87 " " 33 " within 1723-56 " " 1916-59 824.623/28
File No. 824.623/28

Diameter ...	5"			176	325							
Height ...	1' 6"											
Altitude ...	175'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	<u>THAD</u> means	
January ...	2.26	1.04	.80	.67	1.92	3.79	1.03	2.20	3.09	1.97	18.67	
February ...	3.41	.74	1.44	1.82	1.40	.46	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	2.75	2.91	19.70	
TOTALS ...	26.71	22.39	18.75	23.66	17.93	24.65	20.15	28.94	18.59	27.95	229.72	
	D	D	D	D	D	D	D	D	D	D		

Inspected 4/3/56 m. Deeks. Gauge sound, measure Camden. Site o/c. w 45.

Recomm. move 100' w where there is room, & build a turf 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 TL52/210416

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓*	*✓	✓	✓	
	✓lat - 16'19	✓lat - 20'20	✓	✓	