

RAINFALL AT Gayton Pumping Station

Lat. Lon. County of Norfolk

Symons Rain Gauge, by Observer J. N. Webb Esq.

Order - 4.

Diameter ..							5				
Height							10				
Altitude ..							131	π			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							5.16	1.04	.80	.65	
February ..							2.33	1.45	1.75	.48	
March							1.72	1.18	2.24	2.89	
April .....							.84	2.66	2.94	1.29	
May							1.25	2.83	1.55	1.23	
June							2.98	2.19	.90	4.17	
July .....							.38	2.14	2.64	4.29	
August							3.08	1.90	2.41	2.81	
September ..							1.19	.58	1.89	1.29	
October							5.41	2.52	1.11	3.84	
November ..							3.67	2.84	1.14	1.08	
December ..							2.41	2.70	1.27	4.59	
TOTALS ..							30.42	24.03	20.64	28.81	

1906 Gayton Church 1 1/2 Miles E
 " R. Station 7/2
 Norfolk near

22-3

N.B. Values rejected when Rainfall Survey Map prepared Nov. 1926.

RAINFALL at

Gayton Pumping Station

County of Norfolk

Observer

A. J. Smith Esq.

River Basin Ouse + C 4

Rain Gauge, by

N+3

Diameter ...	5										
Height	1 0										
Altitude ...	131 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.83	1.73	2.46	2.67	1.44	1.83	.55	.67	1.54		
February ...	2.74	1.64	1.13	.69	1.55	1.28	2.22	.31	.15		
March .....	.87	2.76	3.11	2.22	2.20	.81	2.31	.67	.67		
April	2.49	1.20	.05	2.17	.65	.50	.62	.97	1.39		
May	3.58	1.48	1.81	1.65	.99	.59	1.63	.15	.69		
June	1.45	2.97	3.43	1.15	1.88	.77	1.10	.55	.10		
July	3.75	.32	2.86	.81	1.48	2.75	.55	.43	1.52		
August	1.91	1.35	5.80	.98	1.27	1.65	.88	2.28	.95		
September ..	.57	1.96	2.01	2.24	.55	.94	.75	1.81	4.16?		
October ...	1.17	2.57	1.95	4.06	1.03	.81	1.52	1.90	76?		
November ..	3.25	3.94	3.25	1.83	1.40	1.13	.60	1.05	1.05?		
December ...	3.47	3.33	2.61	.45	3.18	2.07	1.21	.66	2.16?		
TOTALS ...	27.08	25.25	30.47	20.92	18.62	15.13	13.94	11.43	15.17?	NR	

1912 shown 20' p. hgt. 1.61 SW
 Jan 11.12 32.69 ES

May 1910 cont. to give annual total XII. 24.

1915 Norfolk - bad.

1916 -

1917 -

1918 -

N.B. Values rejected from Survey. 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52.45	0.30.	Gayton Pumping Station	7 1/2 m	SW	Gayton	1 m	N

RAINFALL at *Gayton Waterworks*County of *Norfolk*Observer *A. J. Smith*River Basin *Ouse & C. 4**J. C. Matthew (1923)*
*Drainage Engineer King's Lynn*Rain Gauge, by *N. & B.*

Diameter ...		5"									
Height		1	0								
Altitude ...		131									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...		1.62	2.27	1.04	1.85	.97	2.23		4.21		1.96
February ...		.45	2.00	1.81	1.28	2.32	1.12		1.43		.87
March .....		.89	1.53	.81	.46	1.51	.43		1.33		1.52
April .....		.84	1.22	.55	2.30	2.18	.58		1.38		2.54
May .....		.69	.15	1.01	3.35	2.29	1.20		1.75		2.63
June .....		.00	.78	.67	1.76	.09	1.23		2.53		1.28
July .....		.47	3.51	2.37	1.77	1.50	.82		2.12		5.59
August		1.10	1.46	1.74	1.53	2.00	1.14		1.74		2.95
September...		.69	2.80	1.79	2.40	(3.42)	1.78		.21		4.00
October .....		.80	.71	3.00	3.86	1.94	1.98		2.88		.86
November...		.90	1.10	2.09	2.03	2.27	3.44		2.57		3.53
December...		1.03	1.59	2.93	1.45	2.11	.68		1.59		1.80
TOTALS...		9.48	19.12	19.81	24.04	(22.90)	16.68		23.84		29.53
		n.p.	n.p.	n.p.		2	DR	NR	DR	NR	D

1921. Short. not printed.
House 20 ft high 60 ft SW.
Engine Room 24 " " 78 " W.
Yards 12 " " 33 " E.
" 11 " " 69 " S.

1922. Short. not printed.

1923. " " " "

1925. Record corrected by re-surveying stations.

1926. Low n.p. 1928. N. A. Low.

N.B. Values corrected when Rainfall Survey Map prepared in Nov. 1926.

1930. Fir trees 24' high 30' E
" " 21' " 75' S
House 22' " 60' SW
Engine room 22' " 70' 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
1921	52° 45'	0° 30'	East winch	4 1/2 mi	SW	Gayton	1 1/4 mi	S.

RAINFALL at Gayton WaterworksCounty of NorfolkObserver J. C. Matthew, Esq., C.E.River Basin Ouse & C. - 4

Type of Gauge

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

Ref.

694831/26

Diameter	5.										
Height	1.0.										
Altitude	131.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.37	1.03	1.28	1.74	2.11	2.70	3.24	2.43	2.94	1.52	21.36
February	2.49	.42	1.93	.55	1.79	2.43	2.46	.52	.80	1.69	15.08
March	.50	1.70	2.43	1.66	.48	.36	3.33	.38	1.85	1.46	14.35
April	3.17	3.80	1.31	2.65	2.85	1.42	2.38	.51	1.72	1.34	21.15
May	2.50	4.76	1.59	.89	.49	1.15	2.52	2.11	.75	.91	17.67
June	1.21	.74	2.72	1.59	2.94	2.56	1.41	.99	2.08	.62	16.86
July	2.82	4.85	1.24	1.23	.66	7.68	3.14	1.76	1.91	2.24	28.53
August	3.15	1.84	.51	2.01	1.14	1.22	1.65	.69	1.51	.71	14.43
September	3.55	2.73	1.86	1.54	3.89	4.07	1.79	1.86	1.74	1.08	24.11
October	1.01	6.94	4.03	1.73	2.75	1.79	1.50	2.91	3.25	1.64	27.58
November	2.19	1.50	1.80	1.43	2.79	2.96	2.24	1.18	4.03	5.10	25.22
December	1.38	.74	.60	3.92	1.92	1.46	3.30	3.02	1.96	1.65	19.95
TOTALS	27.34	31.05	21.30	20.94	23.81	30.00	28.46	18.36	24.57	19.96	246.29
	D	D	D	D	D	D	D	D	D	D	D

1931. Fir trees 24' high 30' E.
 " 21' " 75' S.
 House 22' " 60' SW.
 Engine room 22' " 70' N.

Appt 3/1/55
 J.C.M.

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

1 mile to 1 inch Series

Reference No.

Date	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			East Winch	4 mls	SE	Gayton	1 1/4 m	SE

Station No. 1472

RAINFALL at Gighton Waterworks

County of North Yorkshire Observer H. S. Rider, Esq. 1942

River Basin Great Ouse - 4. J. C. Mather Esq. CE

Type of Gauge

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

File No. 694831/24

Diameter	5"			199	778						
Height	1' 0"										
Altitude	121										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(1.95)	2.40	3.18	2.21	2.56	1.62	1.55	3.60	1.00	.68	20.75
February	2.19	(1.01)	.51	1.21	1.78	3.73	1.27	.78	.69	3.72	16.89
March	2.78	1.46	.36	.29	1.32	.64	4.93	.60	.99	.48	13.85
April	.69	.59	.91	1.44	1.35	1.06	1.38	.71	1.88	2.43	12.44
May	1.54	2.04	1.66	1.13	2.11	1.39	.55	3.31	2.14	1.95	17.82
June	.70	1.08	1.36	1.97	2.40	1.55	1.83	2.91	.71	2.52	17.03
July	2.60	3.13	.89	2.05	1.04	3.17	1.57	2.10	2.66	3.51	22.72
August	3.24	2.26	1.40	1.18	3.07	3.02	.01	2.69	1.77	3.95	22.59
September	.44	2.32	1.42	5.18	1.91	2.58	.90	1.84	.71	2.97	20.27
October	2.33	2.18	1.35	3.89	2.77	1.97	.31	2.41	3.99	1.23	22.43
November	2.09	(2.90)	1.82	3.93	1.05	3.51	1.29	1.23	2.46	3.95	24.23
December	.70	2.03	.78	1.09	2.43	2.32	2.33	1.81	1.47	1.98	16.94
TOTALS	21.25	(23.40)	15.64	25.57	23.79	26.56	17.92	23.99	20.47	29.37	227.96
	D	D	D	D	D	D	D	D	D	D	

1941 Trees 24' high 20' E. Trees 21' high 75' N. House 22' high 60' S.W. Engine Room 22' high 70' N.
 1942 1st & 2nd moved 27' N.W. to trees 48' high 62' E & 42' high 75' S.
 1944 1st & 2nd moved 35' S.W. Engine room 22' high 58' N.

40004 20024

2425 2640 1660

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.
1941			East Winch	6m.	S.E.	Gighton	1/2m.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1472

RAINFALL at Gayton (Watchworks) (Pumping Station)

County of Norfolk

Observer H. G. Ridler, Esq.

River Basin Ouse & C - 4

Type of Gauge

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

File No. 694831/26

Diameter	...	5"										
Height	...	1' 0"										
Altitude	...	131'										
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	2.66	2.03	1.41	1.45	1.76	3.16	1.47	2.09	3.21	3.37	22.61
February	...	2.12	.92	1.39	2.02	2.07	1.32	2.54	4.47	2.0	1.23	18.28
March	...	3.15	2.59	.85	2.25	1.51	.72	2.02	.97	1.99	.94	16.99
April	...	2.88	1.48	2.10	.24	.76	.81	.15	.57	1.33	.67	10.99
May	...	1.99	2.43	1.26	2.27	2.42	.99	1.35	2.96	.60	.84	17.11
June	...	1.18	.56	4.42	1.74	1.96	2.43	1.55	1.90	1.13	1.19	18.06
July	...	1.75	.64	2.44	3.45	.21	2.59	2.87	3.72	2.87	3.63	24.17
August	...	3.03	2.30	2.48	6.05	.70	3.57	2.15	2.43	2.36	4.65	29.72
September	...	2.16	2.56	1.05	2.34	1.33	1.21	3.58	2.48	.01	2.76	19.48
October	...	.62	2.03	2.66	2.84	2.59	1.62	1.52	1.88	2.00	4.93	22.69
November	...	3.04	3.28	1.62	4.08	1.08	1.10	1.33	1.27	1.44	3.29	21.53
December	...	1.37	2.00	1.11	1.76	1.42	1.23	1.98	2.97	3.99	3.88	21.71
TOTALS	...	25.95	22.82	22.79	30.49	17.81	20.75	22.51	27.71	26.13	31.38	243.34
		D	D	D	D	D	D	D	D	D	D	

1951 Innes (fri) 48' high at 62'E, Innes (fri) 42' high at 75' N, House 22' high at 55' N.W., Engine 40. 22' high at 58' N.

Ref. 5
 23.95 in. based on 12 yrs obs. within 1945-57. 1 1/2 in. less period of average 1916-57 (52) Registered

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference TE 734 207

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			East Blunth	6 m. S.E.	Gayton	1 1/2 m. S.E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		21-26, 28, 30 n.p. 21-23, 26, 28 - 21-24, 25	✓	✓	