

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	7			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..							5.16	1.04	.90	.85
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 1½ Miles E

R. Station

(70)

Northw. near

72-3

M.T. Values rejected when Rainfall Survey Map  
prepared Nov. 1926.

RAINFALL at Gayton Pumping StationCounty of Norfolk

Observer

A. J. Smith Esq.River Basin Cuze + C 4

1917 (Rainfall and outflow)

Rain Gauge, by N+}

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	3.20	.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	1.06?		
December ...	3.47	3.33	2.61	.45	3.18	2.07	1.71	.66	2.16?		
TOTALS ...	27.08	25.26	30.47	20.92	18.62	151.33	13.94	11.43	15.17?	NR	

1912 above 20' p Rye .61 SW May 1910 and 6 give annual total XII. 24.  
 Jan 11.12 32.69 E S

1915 Norperton - 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 & Pinhoe End	7½ m	SW		1 m	SW

## RAINFALL at Gayton Waterworks

County of Norfolk

Observer A. J. Smith

River Basin Ouse &amp;c. 4

J. C. Matthew (1923)

Borough Engineer King's Lynn

Rain Gauge, by Netz!

Diameter ...	5"										
Height .....	1	0									
Altitude ...	131										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	1.62	2.27	1.04	1.85	.97	2.28		4.31			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	.89	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
	0.P.	N.P.	N.P.				DOP. NR.	INP. NR.			D

1921. Short - not printed

House 20 ft high 60° 41' SW.

Engine Room 25° .. . 78° W.

Trees 12° .. . 33° E.

.. . 11° .. . 69° S.

1930. Fir trees 24° high 30° E

" " 21° " 75° S

House 22° .. . 60° SW

Engine room 22° 70° N

1922. Short - not printed

1923. " " "

1925. Record corrected by suspending session.

1926. Low n.p. 1928 N.F. long.

*N.B. Values reported when Rainfall Survey Report prepared**in Nov. 1928.*

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
1921	52° 45'	0° 30'	East-wenches	4½ mi	S.W.	Gayton	1¼ mi S.

## RAINFALL at Gayton Waterworks.

County of Norfolk.

Observer J. C. Matthew, Esq., C.E.

River Basin. Ouse &amp; 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	130											
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	1.42	1.93	3.53	1.79	2.43	2.46	1.52	1.80	1.69	15.08	
March	1.50	1.70	2.43	1.66	1.48	1.56	3.33	1.38	1.85	1.46	14.35	
April	3.17	3.80	1.31	2.65	2.85	1.42	2.38	1.51	1.72	1.34	21.15	
May	2.50	4.76	1.59	1.89	1.49	1.15	2.52	2.11	1.75	.91	17.67	
June	1.21	1.74	2.72	1.59	2.94	2.56	1.41	1.99	2.05	1.62	16.86	
July	3.82	4.85	1.24	1.23	1.66	1.68	3.14	1.76	1.91	2.24	28.53	
August	3.15	1.84	.51	2.01	1.14	1.22	1.65	1.69	1.61	.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	1.74	.60	3.92	1.92	1.46	3.00	3.02	1.96	1.65	19.95	
TOTALS	27.34	31.05	21.30	20.94	23.81	30.00	28.96	18.36	24.57	19.96	246.29	W.D.

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

Appt 3/16  
J.B.

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.			East Winch	4 mls	SE	Gayton	1 1/4 m	SE

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 14672

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## RAINFALL at

Croydon Waterworks

County of Norfolk

Observer H. G. Rider Esq., 1942

River Basin Ordn. &amp; C - 14

Type of Gauge.....

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

Ref.

File No. 194831/24

Diameter	5"		199	778							
Height	1' 0"										
Altitude	131										
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	1.87	.78	.69	3.72	16.89
March	2.78	1.46	.36	.29	1.32	.64	1.93	.60	.99	1.48	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	14.23
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	22.796

1941 Trees 24' high 20° E. Trees 21' high 75° N. House 22' high 60° S.W. Engine Room 22' high 70° N.  
 1942 Feb 1st New position from nearly 50' above  
 1944 Sept 1st g. moved 27° NW. To trees 48' high 62° E. & 45° high 75° S.  
 House 22' high 55° S.W. Engine room 22' high 58° N.

40004 20024

24.2° 26.4° 16.6°

Position of Station on reduced Ordnance Survey Map, | 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 Finch	6m.	S.E.	Croydon	1/2m.	S.E.

Station No... 1472

## RAINFALL at Gayton (Watworks) (Pumping Station)

County of Norfolk

Observer H. G. Ridder, Esq.

River Basin Ouse &amp; C &amp; 4

Type of Gauge.....

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

Ref.

File No... 694831/26

Diameter ...	5"										
Height ...	11' 0"										
Altitude ...	131'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.66	2.03	1.41	1.45	1.46	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	-20	1.23	18.28
March ...	3.15	2.59	.85	2.25	1.51	.72	2.02	.97	1.49	.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	2.21	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	14.81	20.75	22.51	27.71	21.13	31.38	24.334
	D	D	D	D	D	D	D	D	D	D	D

1951 Trees (fir) 48' high at 62° E, Trees (fir) 42' high at 75° S, House 22' high at 55° S.W., Engine 40. 22' high at 58° N.

An. av. 23.95 in. based on 12 yrs obs. within 1945-57. 1st 1/2 in. less. Period of average 1946-57 (53) Ref. S Registered

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference F/734207

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			East Wincle	6 m. A.E.	Gayton	15 m. A.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C 1921 21-26, 28, 30 n.p. 21-23, 26, 28, - 21-23, d 25,	✓	✓	✓
			D 26, 28, 30			