

RAINFALL AT *Altrincham Norman's Place*

Lat.

Lon.

County of *Chester**Cheshire*

Rain Gauge, by

Observer *A Griffith, Esq**upper mean - 1.*

Diameter	5											
Height	1. -											
Altitude	150 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	0.58	0.35	2.40	4.18	4.27	2.20	5.25	2.75	1.43	1.27	2.468	
February	2.08	4.35	2.25	2.14	2.35	2.72	0.84	1.08	0.98	2.38	2.117	
March	2.12	3.37	1.97	1.28	2.68	1.69	2.73	1.82	1.77	3.28	2.271	
April	1.09	1.15	3.65	1.90	1.15	1.86	1.88	1.50	1.38	2.19	1.775	
May	2.30	3.48	1.38	1.08	1.66	2.51	6.58	2.30	0.68	3.29	2.526	
June	3.03	1.99	6.35	3.49	1.33	3.24	2.17	1.46	3.03	1.22	2.731	
July	5.62	2.05	4.90	3.44	3.17	1.40	4.95	1.11	5.53	2.97	3.514	
August	2.10	4.38	3.30	2.61	1.85	1.47	1.95	1.54	3.32	6.66	2.918	
September	4.05	1.75	2.30	4.85	3.38	4.61	5.11	4.19	1.04	2.61	3.389	
October	2.28	2.55	3.60	5.86	2.23	6.55	6.26	2.81	1.39	3.01	3.654	
November	2.97	2.60	6.50	3.84	2.60	3.26	2.72	1.19	4.85	2.18	3.271	
December	4.91	4.60	5.38	2.38	3.27	2.05	4.42	2.66	2.32	2.31	3.430	
TOTALS	33.13	32.62	43.98	37.05	29.94	33.56	44.86	24.41	27.72	33.37	34.064	

*St. Margaret's Dunham Massey 7 mile NW**Tree 12 ft high 36 ft NW**Wall 8 ft 45 ft E*

RAINFALL AT *Altrincham Norman's Place*

Lat. _____

Lon. _____

County of *Cheshire*

Rain Gauge, by _____

Observer

*A. Griffiths Esq**Upper measy - 1.*

Diameter	5										
Height	10						70				
Altitude	150 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.67	2.19	3.70	1.22	2.31	2.96	1.36	1.28	1.90	3.61	2.420
February	0.48	0.18	2.13	3.13	3.96	0.32	1.95	2.86	2.00	1.08	1.809
March	2.84	1.35	1.10	0.79	2.58	3.09	4.42	2.74	0.71	1.14	2.076
April	1.03	2.27	1.38	0.65	1.70	1.37	1.71	2.59	1.99	3.45	1.814
May	2.37	3.15	3.08	2.32	1.85	1.32	.59	1.84	4.08	2.90	2.250
June	3.14	2.65	3.81	1.81	2.82	2.51	2.77	5.90	3.50	2.03	3.094
July	2.42	2.60	3.61	3.57	3.02	5.10	2.12	1.72	0.58	1.68	2.642
August	3.67	4.72	4.23	2.09	4.53	2.91	2.72	2.85	6.07	1.54	3.583
September....	0.88	2.27	3.76	3.97	1.23	1.56	5.76	4.49	0.82	4.52	2.926
October	2.14	4.17	4.10	2.56	3.67	3.66	4.30	2.16	4.40	3.90	3.506
November	5.55	2.31	2.42	1.70	2.22	3.52	1.80	5.27	2.16	1.34	2.829
December	0.46	5.06	1.98	3.69	2.76	2.90	4.48	4.41	3.06	3.07	3.187
TOTALS	28.65	32.92	35.30	27.50	32.65	31.22	33.98	38.11	31.27	30.26	(32.186)

1895 Sept. 1st Gauge moved 25 yards W + raised to 7ft. 880 -

RAINFALL AT *Altrincham Norman's Place (1911)*

Lat.

Lon.

County of *Cheshire*

2738.11

Rain Gauge, by

Observer *A. J. P. E. G.**W. J. A. G. P.**upper mercury - 1.*

Diameter ..	5										
Height	8.0										
Altitude ..	150 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.39	2.15	2.07	2.75	2.67	1.85	4.62	1.31	2.12	1.59	2.552
February ..	3.37	1.45	1.13	2.45	3.71	1.73	3.34	1.90	2.78	1.20	2.306
March	0.90	1.77	1.65	3.75	1.66	3.46	2.87	2.98	2.32	3.04	2.440
April	1.92	2.17	2.55	2.12	2.07	2.48	1.31	1.40	1.99	2.50	2.051
May	2.05	0.67	3.74	3.23	2.34	0.80	3.10	3.71	2.00	1.37	2.301
June	3.62	1.92	1.81	1.74	0.77	2.73	1.39	5.12	2.12	2.13	2.335
July	2.12	4.57	1.97	2.78	1.80	1.82	1.93	3.44	4.44	4.78	2.965
August	5.83	2.19	3.53	4.02	4.65	4.30	3.89	3.81	3.55	3.50	3.927
September ..	1.08	0.82	1.18	5.07	1.69	2.23	2.61	0.71	3.04	2.24	2.067
October	5.21	3.02	4.18	7.07	1.36	3.96	6.61	3.82	1.78	6.33	4.334
November ..	1.41	3.85	1.81	4.14	2.49	4.16	1.71	2.72	3.14	2.85	2.828
December ..	4.38	4.11	2.40	1.30	2.77	0.53	3.76	2.63	2.68	5.67	3.023
TOTALS ..	36.28	28.69	28.02	40.42	27.98	30.05	37.14	33.55	31.96	37.20	33.129

2 4 3 4 3 4 3 4 3 4 3 4
 2 4 3 4 3 4 3 4 3 4 3 4

1907 St Margaret's Church 600 yards E 1907
 1907 Altrincham Station 1/4 mile SE
 Folgate 6 ft high 3 ft NW.

Hills

RAINFALL at Altringham Norman's Place The PigeonsCounty of CheshireObserver Mrs G. A. GriffithsRiver Basin Upper Mersey 1

Rain Gauge, by _____

Diameter ...	5											
Height	8 0											
Altitude ...	150 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SOWS
January ...	3.75	1.28	3.86	3.93	2.07	4.75	2.47	2.13	2.25	3.87		0.72
February ...	2.62	2.62	1.15	1.58	2.27	3.45	4.09	1.41	3.88	0.76		10.14
March	0.95	1.65	5.19	3.68	3.92	1.34	2.09	1.75	1.36	6.18		11.37
April	3.51	2.58	0.46	4.50	1.01	1.32	2.78	4.80	1.63	1.26		10.47
May	3.10	0.66	2.14	2.54	2.15	1.58	2.73	3.50	2.57	1.98		10.78
June	2.39	3.37	3.81	2.15	2.55	2.91	2.72	2.86	1.96	1.93		9.47
July	4.46	0.42	5.11	1.50	4.00	4.66	2.62	1.05	3.80	1.62		9.68
August	5.82	2.76	7.39	2.82	3.23	4.61	3.50	7.51	2.75	3.86		17.62
September ..	0.58	4.15	2.21	1.56	2.88	0.56	1.40	1.48	9.15	2.32		14.36
October ...	2.39	3.26	2.79	2.41	1.89	1.77	3.98	7.09	2.79	2.66		16.52
November ..	5.82	2.88	4.42	2.91	5.29	1.88	3.70	2.73	1.76	2.43		10.61
December ...	2.54	5.56	2.85	2.80	4.30	6.75	3.14	1.74	7.15	6.23		18.06
TOTALS ...	37.93	31.19	41.37	32.38	35.56	35.58	35.21	38.05	41.04	38.10		149.46
	<u>imp 2</u>							<u>D</u>		<u>N</u>		<u>47.66</u>

1913 foliage 5 ft high 5 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.27. N	2.30. W	Altringham	1/4 m	E NE	Altringham	1/4 m	NE E

RAINFALL at *Altrincham The Poplars* *Normans Place* 1921County of *Cheshire*Observer *Miss E. A. Griffiths*River Basin *Upper Mersey* 1

(1925) British Acc. Rain Gauge, by

Diameter ...	5"											
Height	8.0											
Altitude ...	150											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.	TOTALS 20-30
January ...	4.11	3.88	3.74	3.11	3.18	2.20	3.22	3.59	7.57	1.88	4.68	41.16
February ...	3.51	1.25	3.78	4.17	.86	5.01	3.01	1.65	3.43	1.00	.21	27.88
March	3.58	2.71	2.27	1.85	1.20	1.39	1.51	2.54	1.74	.82	2.87	29.48
April	5.82	1.43	2.49	2.98	2.14	1.83	1.10	2.05	1.41	.76	1.76	23.77
May	4.50	2.11	1.70	3.66	5.50	4.45	3.37	1.78	1.43	2.14	1.28	31.92
June	4.43	.13	2.41	.78	1.95	.13	1.88	4.47	5.77	1.27	1.11	34.35
July	5.12	.93	4.71	3.98	2.98	2.06	4.44	1.73	1.94	3.01	6.84	37.74
August	2.60	4.86	5.18	5.19	7.13	4.47	3.64	4.75	4.72	4.47	5.05	52.06
September...	3.01	1.13	3.19	4.16	3.58	5.12	3.54	6.44	.99	2.04	3.26	36.46
October	1.56	2.44	.40	4.49	4.31	4.48	4.07	2.51	4.50	5.10	4.43	38.29
November...	.91	2.27	2.59	4.32	1.41	3.04	4.51	2.98	5.96	7.50	4.48	39.97
December...	2.99	5.27	4.70	4.92	4.05	2.24	1.10	1.33	2.24	6.36	3.56	38.76
TOTALS...	42.14	28.41	37.16	43.61	38.29	36.42	35.39	35.82	41.72	36.85	39.53	414.84

1920 Foliage 8 ft high 5 ft N.W.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 27'	2° 3'	Altrincham	1/4 mi	E	Altrincham	1/4 mi	NE

RAINFALL at Alfrincham Lorman's Place *the gauge.*County of Cheshire Observer Miss L. A. Griffin Esq.River Basin Mersey - upper - 1No. 10 Rain Gauge, by

Diameter	...										5	
Height	...										10	
Altitude	...										150	
Year	...	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	...										1.71	4.28
February	...										1.02	1.17
March	...										0.71	2.57
April	...										0.66	1.66
May	...										1.94	1.20
June	...										1.16	1.09
July	...										2.68	5.97
August	...										4.21	4.80
September	...										1.81	3.12
October	...										4.57	4.24
November	...										6.43	4.28
December	...										5.50	3.49
TOTALS	...										33.40	36.87
											D.	D.

429 Polage 15' high S' N.
12' 10 S.

1429 N.P. Comparison gauge.

1930 N.P. Comparison gauge.

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	Parish Church.	Distance from gauge	Direction
			Alfrincham	1/2 mile	E	Alfrincham	1/2 mile	NE.

RAINFALL at Altrincham (Norman's Pl.) (old G.)County of Cheshire Observer Miss G. A. GriffithsRiver Basin Mersey - Upper 1

Type of Gauge.....

Annual Average 32.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 1 N

879035/28.

Diameter	5.										
Height	8.0										
Altitude	150										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.60										
February	3.25										
March	1.3										
April	2.97										
May	2.93										
June	5.36										
July	3.79										
August	8.53										
September	2.79										
October	1.70										
November	5.34										
December	1.42										
TOTALS	42.81										
	76										

See next p.

1931. Gauge unsound etc, i.e. not painted
Foliage 8' high W.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
1931			Altrincham	1/4 m.	E	Altrincham	1/4 m.	NE.

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

RAINFALL at Altincham (Horn's Place) 2509.County of Cheshire Observer Mrs G.A. GriffithsRiver Basin 1-Murray UpperType of Gauge M.D.Annual Average 22.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. BN
879035/28.

Diameter	5"											
Height	1' 0"											
Altitude	150'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.52	3.30	1.69	2.09	1.79	3.87	2.87	3.26	4.73	2.47		31.19
February	3.13	0.11	2.76	0.30	2.72	1.95	4.41	1.01	2.94	1.89		21.22
March	0.13	2.01	2.50	2.10	0.93	1.23	1.34	0.94	1.70	2.77		13.65
April	2.89	3.11	1.02	1.84	2.41	1.30	2.80	0.28	2.17	1.69		17.51
May	2.90	4.86	2.07	2.10	0.81	0.86	2.17	3.71	1.12	1.61		22.21
June	5.26	0.56	3.26	2.09	3.65	3.30	1.36	2.95	2.99	1.14		26.56
July	3.61	3.00	1.64	1.94	1.03	3.00	2.11	4.60	6.05	3.76		30.74
August	8.22	1.86	1.65	2.46	1.23	1.75	2.03	2.65	1.85	1.09		24.84
September	2.67	2.73	1.22	2.57	5.00	4.15	0.97	2.24	0.98	3.17		25.45
October	1.64	6.57	4.45	4.29	4.77	3.07	1.56	5.42	2.05	3.60		37.62
November	5.21	2.62	0.91	1.51	4.53	3.09	1.90	3.99	5.14	6.32		35.22
December	1.37	1.08	0.31	4.84	3.23	2.95	2.38	3.78	2.45	2.84		25.23
TOTALS	41.55	31.81	23.48	28.13	32.10	30.52	26.95	35.43	53.92	32.35		315.24
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		91.8

1931. Replaces old g. 2738 in General Table.

Tree 12' high 10' N; Tree 10' high 10' S; Tree 6' high 14' E; Bushes 2' high 12' W.

Overage 81.6 to be used with old gauge only, see file. Incl. 56A. 15.7.35.

1934 Flower bed 1' high 10' S; flower bed 1' high 12' W.

1937 Flower bed 1' high 14' E & W.

1938 Trees 12' high 10' N, 10' high 10' S. Flowerbeds 1' high 14' E, 1' high 14' W.

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.			Altincham	1/4 m.	E	Altincham	1/4 m	N.E.

Station No. M. 2738/1RAINFALL at Altrincham (Norman's Row)

41

County of CheshireObserver Miss G. A. GriffithsRiver Basin Mersey - Upper - 1Type of Gauge In. O.

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

File No. 879035/28

Diameter	5"			564	453							
Height	1'0"				1							
Altitude	150'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.63	3.50	4.31	4.25	2.35	3.54	2.22	7.02	2.35	1.16		Total 32.33
February	3.01	1.58	2.32	1.33	2.89	5.16	0.79	1.90	1.56	4.15		24.69
March	2.42	2.30	.93	.47	0.95	0.72	5.13	1.08	1.94	1.47		17.41
April	1.36	1.53	1.20	2.22	2.01	1.04	2.36	1.49	2.84	3.59		17.56
May	1.89	3.68	2.04	3.07	3.96	1.24	2.14	1.28	3.26	1.58		24.07
June	.41	.40	2.79	2.28	2.74	3.20	2.61	4.31	.89	2.45		22.08
July	2.91	3.18	2.01	3.49	1.90	3.57	2.00	2.34	1.66	3.37		26.43
August	4.90	4.17	5.00	3.46	2.81	4.23	.34	4.64	2.43	4.28		36.26
September	.50	2.09	3.60	3.44	1.40	5.02	2.27	2.23	0.78	4.77		26.40
October	3.79	4.47	2.98	3.67	5.35	.95	.56	2.25	3.14	2.19		29.35
November	2.53	.62	2.48	5.83	0.54	4.42	3.22	2.07	4.67	4.20		30.58
December	1.25	3.69	1.57	2.35	2.20	3.44	2.58	2.87	4.54	3.01		27.50
TOTALS	26.58 0	31.21 0	31.23 0	35.86 0	29.10 0	36.53 0	26.22 0	33.48 0	30.06 0	36.09 0		316.36 28.64

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.

BRITISH RAINFALL ORGANIZATION

Station No. 2738/1

m

RAINFALL at

Altrincham (Norman's Place)

51

County of

Cheshire

Observer

Miss E. S. Griffiths

River Basin

Mersey-Upper

Type of Gauge

M.O.

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

Ref.

" " 32.61 " " 28 " " within 1929-57. " " 1916-50

File No. 879035/28

Diameter ...	5"			564	453							
Height ...	1' 0"				1							
Altitude ...	150'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
January ...	2.72	3.43	1.35	2.97	2.49	4.49	1.69	3.11	2.44	4.43	28.92	
February ...	2.20	1.05	1.10	3.08	1.87	.61	2.02	4.27	.36	2.08	18.64	
March ...	4.20	2.02	1.77	2.21	1.89	1.07	2.70	1.36	1.30	0.96	19.48	
April ...	1.93	3.92	2.78	.61	1.95	3.47	.33	.77	3.16	1.37	20.29	
May ...	2.58	2.01	1.98	2.22	2.75	1.07	1.19	2.76	1.01	1.96	19.53	
June ...	1.01	2.36	2.16	2.72	3.01	2.52	1.43	4.51	2.33	1.73	23.78	
July ...	3.05	2.07	3.44	3.82	1.73	5.11	5.13	4.32	3.28	4.64	35.59	
August ...	4.05	1.59	3.92	4.49	.87	8.65	3.67	3.86	.48	6.95	38.53	
September ...	2.68	3.09	2.98	2.96	1.93	2.14	5.21	3.92	.26	3.16	29.23	
October88	3.12	2.00	5.75	1.97	2.08	3.29	2.82	3.22	3.56	28.69	
November ...	6.99	2.01	2.98	5.46	1.73	1.11	1.48	1.17	3.32	4.56	30.81	
December ...	4.75	3.12	1.24	4.41	3.57	2.75	2.81	3.53	4.59	3.27	34.04	
TOTALS ...	37.04	29.79	27.70	41.50	24.76	35.07	30.95	36.30	25.75	38.67	327.53	
	D	D	D	D	D	D	D	D	D	D		

4373

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

53(33)764871

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ D 10, 17	✓ 2758	✓	✓	✓