

RAINFALL AT *Alprincham Barrington House*

Lat.....

Lon.....

County of.....

Cheshire

Rain Gauge, by.....

Observer

*John Newton Esq. C.E.**Upper Mersey - 1.*

Diameter .....	.5	.										
Height	1.0	.						3.	.	.		
Altitude	105.0	.		105. ^K				.	.	.		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.91	1.34	5.00	3.22	3.19	3.70	1.65	5.11	4.00	1.77	3.189	
February.....	.81	2.44	2.55	.40	1.54	.75	3.98	4.38	1.50	3.32	2.167	
March.....	2.37	1.57	3.18	3.86	2.70	.51	3.70	2.17	1.65	1.54	2.325	
April.....	2.13	3.13	3.20	.53	1.13	.67	3.43	2.23	1.43	2.94	2.082	
May.....	.88	2.57	2.30	2.27	2.30	1.81	1.73	3.63	3.68	2.32	2.349	
June.....	1.70	4.22	6.77	2.15	1.20	3.31	2.81	2.39	3.09	4.95	3.259	
July.....	.77	3.97	8.88	4.74	2.20	6.03	3.10	6.17	1.00	4.19	4.105	
August.....	2.14	2.03	3.19	4.40	4.40	3.50	2.85	3.75	5.21	5.53	3.700	
September.....	2.35	5.41	6.48	2.66	3.49	4.90	5.34	2.82	4.50	3.16	4.111	
October.....	7.91	3.89	4.86	4.05	4.05	5.50	2.44	4.42	3.94	1.85	4.291	
November.....	2.54	1.73	4.42	2.24	4.89	3.96	4.27	5.93	2.50	1.15	3.363	
December.....	2.64	2.59	4.08	.86	3.51	1.44	5.00	3.20	2.64	2.38	2.884	
TOTALS	29.15	34.89	52.91	31.33	34.60	36.08	40.30	46.20	35.14	35.10	37.775	

RAINFALL AT *Altrincham, Barrington St.*

80

Lat. _____

Lon. _____

County of *Cheshire*

Rain Gauge, by _____

Observer *J. Newton, Esq. C.E.*

Upper May - 1.

Diameter	8											
Height	3.0									1. -		
Altitude	105 ft											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	5.0	4.3	2.65	3.85	4.35	1.52	4.55	2.40	1.48	1.55	2.358	
February	2.40	5.20	2.73	1.75	2.10	2.40	4.1	.61	1.02	1.93	2.055	
March	2.24	4.03	1.75	1.10	2.61	2.07	2.22	1.61	1.65	3.07	2.235	
April	1.18	1.37	3.66	1.82	.72	1.03	1.58	1.40	1.42	2.43	1.666	
May	2.57	3.54	1.22	.77	1.72	2.06	6.62	2.37	.72	3.68	2.520	
June	4.45	2.12	6.07	3.32	1.12	3.14	1.72	1.18	2.97	.94	2.703	
July	6.90	3.41	4.50	2.93	3.06	1.33	5.22	.93	5.70	3.35	3.733	
August	2.55	5.00	2.97	2.49	1.72	1.62	1.80	1.74	3.60	(6.44)	2.993	
September....	4.46	2.15	2.10	4.80	3.00	4.55	4.28	3.56	1.23	(3.02)	3.315	
October	3.16	2.88	3.27	5.67	2.10	6.05	5.85	2.50	1.60	(2.94)	3.602	
November....	3.36	3.45	5.70	3.70	1.86	3.15	2.60	1.06	5.15	(2.12)	3.215	
December	5.74	4.02	4.63	2.36	2.77	2.25	3.85	2.70	2.42	(2.39)	3.313	
TOTALS	39.74	37.60	41.25	34.86	27.13	31.22	40.70	22.06	28.96	(33.86)	(33.708)	

1889 Aug-Dec? Readings of the gauge reduced by 10% the umbrella having come off the funnel.

RAINFALL AT *Attrincham Barrington House*

Lat. _____

Lon. _____

County of *Cheshire*

Rain Gauge, by _____

Observer *J. Newton Esq. C.E.*

Upper mercury 1.

Diameter	8											
Height	30											
Altitude	105											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.42	1.97	3.10	1.28	2.20	2.90	1.24	1.38	1.69	3.33	2.257	
February ....	.58	.16	2.16	3.04	3.80	.22	1.76	2.54	1.95	1.50	1.771	
March	2.55	1.28	1.10	.53	2.37	2.90	4.10	2.51	.68	1.70	1.972	
April .....	.90	2.38	1.30	.70	1.70	2.12	1.67	2.20	1.76	2.60	1.733	
May	2.20	2.75	3.25	2.08	1.86	.72	.51	2.05	3.55	2.62	2.159	
June	3.38	2.71	4.33	1.50	2.70	2.28	2.50	5.76	2.88	1.84	2.985	
July	2.27	2.70	3.70	3.15	3.05	4.76	1.98	1.49	.54	1.65	2.529	
August	3.90	4.75	3.95	2.03	4.17	2.65	2.50	2.92	5.53	1.52	3.392	
September....	.83	2.73	3.66	4.54	1.18	1.40	5.15	4.00	.71	4.14	2.831	
October	2.32	4.10	3.96	2.52	3.40	3.11	4.00	1.75	4.50	3.43	3.309	
November	5.16	2.22	2.32	1.90	2.04	2.95	1.37	3.93	2.11	1.42	2.542	
December ....	.46	5.25	2.02	3.60	2.45	2.60	3.87	3.69	2.92	2.85	2.971	
TOTALS	27.97	33.00	34.85	26.87	30.92	28.61	30.65	34.22	28.82	28.60	30.451	

attrincham Ch 1/4 mile S.W.

1890

RAINFALL AT Altrincham Parlington Ho.

Lat. Lon. County of Cheshire

Ordinary Rain Gauge, by Lasell Observer C. L. Newton Esq. Cl.

Upper Metary - 1.

Diameter ..	8											
Height	3.0						2.6					
Altitude ..	105						103					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.96	2.10	2.15	2.69	2.46	1.77	4.16	1.22	2.05	1.59	2.415	
February ..	2.90	1.38	1.08	2.34	3.35	1.72	3.05	1.75	2.63	1.09	2.129	
March ....	.93	1.92	1.69	3.68	1.56	3.15	2.47	2.61	2.14	2.65	2.280	
April	2.02	1.96	2.22	1.67	1.98	2.30	1.23	1.50	2.17	2.30	1.935	
May	1.83	.70	3.32	3.03	2.15	.72	2.85	3.28	2.03	1.28	2.119	
June	3.35	1.82	1.75	1.62	.76	2.75	1.55	4.88	2.22	1.98	2.268	
July	2.17	3.31	1.91	2.65	1.72	1.87	2.15	3.62	4.49	4.20	2.809	
August	5.35	1.98	3.30	3.81	4.33	3.91	2.82	3.54	3.21	3.58	3.583	
September ..	.97	.78	1.16	4.41	1.61	2.17	2.43	.73	2.98	2.08	1.932	
October	4.22	2.80	3.71	6.24	1.14	3.10	5.82	3.42	1.70	5.60	3.775	
November ..	1.97	3.37	1.74	3.55	2.21	3.56	2.13	2.55	3.06	1.02	2.516	
December ..	4.16	3.92	2.19	1.19	2.50	.43	3.89	2.66	2.52	5.90	2.936	
TOTALS ..	33.83	26.04	26.22	36.88	25.77	27.45	34.55	31.76	31.20	33.27	28.697	

Average
1868-1907

Jan.	2.62
Feb.	2.08
Mar.	2.24
Apr.	1.85
May	2.34
June	2.74
July	3.12
Aug.	3.38
Sept.	3.13
Oct.	3.77
Nov.	2.98
Dec.	3.11
Year	33.36

1903 St. George's Church 300 yards S.W.

Altrincham Station 530 S

1906 July 31 gauge moved 3 1/2 yards

1905 House 25 ft high 40 yards

S.E. - through garden of St. George's

E

Hue

RAINFALL at Altrincham Parlington HouseCounty of Cheshire Observer C. E. Newton Esq. C.E.River Basin Upper Mersey 1

Rain Gauge, by _____

Diameter ...	8										
Height	2.6										
Altitude ...	103										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.51	1.11	3.55	3.41	1.80	4.56	2.13	2.10	2.08	3.60	
February ...	2.22	2.45	1.01	1.34	1.66	2.85	3.68	1.00	3.50	78	
March .....	.65	1.24	4.59	3.34	3.37	1.50	1.94	1.71	1.55	5.39	
April	3.20	2.22	.45	4.07	1.13	1.49	2.51	1.50	1.21	1.59	
May	2.75	.78	1.92	2.39	2.03	1.56	2.32	2.93	2.39	1.20	
June	2.58	3.01	3.64	2.05	2.37	2.62	2.93	2.83	1.81	1.70	
July	3.97	.44	4.72	1.10	4.00	4.18	2.02	1.56	3.79	1.53	
August	4.89	2.73	6.47	2.44	2.53	4.12	2.00	6.70	2.64	3.71	
September ..	.23	3.56	1.88	1.54	2.61	.51	2.72	1.68	7.93	1.90	
October ...	3.10	2.87	3.23	2.00	1.65	1.55	3.65	5.31	2.54	2.70	
November ..	4.25	2.30	2.42	2.87	3.70	1.71	2.43	3.39	1.47	2.30	
December ...	2.25	4.73	3.32	2.36	5.20	5.51	2.67	1.53	6.04	5.81	
TOTALS ...	33.70	27.44	37.20	28.91	32.05	32.16	31.00	32.24	36.95	31.81	32.346

1912 True 1891 high 30.32 E
 1716 Slath 18. 1773 N 105

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.23.30 ³²	2.21.52 ³⁰	Altrincham	600 yds	S	St George	300 yds	S W

RAINFALL at Altrincham Barrington HouseCounty of CheshireObserver G. E. Newton Esq. G.E.River Basin Upper Mersey 1also in Miss Laura Newton (126)

(1925) British A.S. Rain Gauge, by

1927 Howard

Diameter ...	8							8			
Height	2.6							2.6			
Altitude ...	103							103			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Means.
January ...	3.70	4.26	3.65	2.60	2.86	2.18	3.20	3.45	7.15	1.78	4.50
February ...	3.05	4.43	3.55	4.60	.75	4.82	2.87	1.32	3.35	1.02	.23
March	3.16	2.52	1.87	1.51	1.15	1.21	1.45	2.57	1.81	.82	2.73
April	5.04	1.30	2.38	2.70	2.06	1.71	1.07	1.95	1.35	.80	1.86
May	4.66	1.90	1.65	3.12	5.13	4.06	3.07	1.62	1.26	2.19	1.32
June	2.54	.32	2.14	.80	2.24	.15	1.84	4.34	5.65	1.20	1.24
July	6.38	1.02	4.12	4.10	3.83	2.13	3.52	1.60	1.84	2.98	6.07
August	2.08	4.88	4.68	4.47	6.22	4.42	3.42	4.47	4.51	4.71	4.90
September...	2.84	1.06	2.84	4.28	3.41	4.75	3.48	6.54	.93	2.02	3.33
October	1.86	2.12	.22	4.20	3.90	4.43	4.17	2.41	4.02	5.05	4.35
November...	.99	2.15	2.13	4.08	1.35	2.05	5.19	2.91	5.45	6.84	4.04
December...	2.57	4.42	4.46	4.23	3.83	2.33	1.16	1.33	1.99	6.00	3.30
TOTALS...	38.87	26.39	33.69	40.69	36.73	34.29	34.44	34.51	39.33	35.51	37.87

1925. House 20 ft. high 25 ft. N.W. W. name changed, but gauge not moved.
See entry in file 662094/26.

1929. Offer of the loan of a Mo gauge, to be set at 1 ft. to compare with Brerley gauge at 2 ft 6 in. was refused. See entry 12A-13A file 662094/26

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
	53° 23' 30"	2° 21'	Altrincham	600 yds	S	St. Georges	300 yds	S.W.

RAINFALL at Altrincham (Burlington Cott.)County of CheshireObserver Miss Laura Newton,River Basin Mersey-Upper I.Type of Gauge B.A.Annual Average 21.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Av. W. Sh.

662094/26.

Diameter	8.										
Height	2.6.										
Altitude	103.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.66	3.44	1.86	2.12							
February	3.45	1.1	2.90	2.7							
March	1.7	2.09	2.63	2.26							
April	2.33	3.57	1.01	1.85							
May	2.88	5.19	1.89	2.24							
June	5.45	.62	29.0	1.85							
July	3.79	3.76	1.94	1.76							
August	8.53	1.52	1.62	2.52							
September	3.27	2.92	0.97	2.46							
October	1.69	6.97	4.30	4.76							
November	5.71	2.87	0.96	1.49							
December	1.44	1.17	0.30	4.68							
TOTALS	43.37	34.23	23.10	28.26							

Cottage 20' high 30' NNW.

Owing to absence from home unable to continue after 1934

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	600 yds.	S.S.E.	St. George's	300 yds.	S.S.W.

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