

RAINFALL AT Leeds

Allerton Hall Chapeltown

Observer Mrs. Penwick

Rain { By 20.41 in.

Gauge { Diameter 5 in. Height above Ground, 7 in.

Above Mean Sea Level 41.8 ft.

YEAR.....	1866	1867	1868	1869	MEANS.
January		2.01	2.70	2.68	
February		1.79	1.29	2.41	
March		2.04	1.99	1.69	
April		2.52	1.64	1.67	
May		2.85	1.36	5.39	
June		1.49	.17	.63	
July		2.79	.31	.26	
August		2.57	1.66	1.15	
September.....		1.88	3.56	4.38	
October	\$ 2.65	1.91	2.60	1.36	
November.....		4.23	1.06	1.82	1.77
December.....		2.77	2.07	6.69	4.14
TOTALS		24.98	25.79	27.53	

On the lawn East porch of dwelling house. 36 ft. distant & about 25 ft to the Eaves

1868 In May June and July the pastures round were so dried that in many case they ignited from the fall of tobacco or lucifers used by smokers

1867 rain between 9 AM & 9 PM 13.62 or by day

" 9 PM & 9 AM 11.36 by night

greatest rain fall during the daytime in March May June July Sept. & Dec. in the night during the other months

RAINFALL AT Leeds Allerton Hill Chapeltown

Lat..... Long..... County of..... Yorkshire, W.R.
 Rain Gauge, by..... Observer J. Fenwick Esq. C.C.

Diameter	.5										
Height	.7										
Altitude	418.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	2.19	.87	3.17	2.20	1.57	3.65	2.85	3.85	2.57	1.23	2.215
February	1.76	2.20	2.85	.93	1.26	1.69	2.31	1.93	.98	2.67	1.858
March	1.71	.87	2.15	2.46	1.52	.65	3.55	2.90	.65	1.69	1.815
April	1.68	3.39	3.76	.57	1.08	.65	2.30	3.67	2.44	2.72	2.126
May	1.33	.98	1.66	2.61	.66	1.52	.97	2.35	4.16	1.69	1.793
June	1.77	3.64	4.44	1.54	.60	3.18	1.86	1.55	4.51	4.45	2.754
July	.72	2.59	5.61	2.88	1.98	3.34	2.29	3.63	1.41	3.06	2.751
August	2.03	.89	2.94	2.23	2.12	2.34	2.04	4.08	6.26	3.98	2.891
September	1.17	5.96	3.92	1.88	2.24	2.75	3.90	3.29	2.85	1.67	2.963
October	+ 6.46	2.92	4.72	1.87	2.10	4.50	3.40	3.50	2.14	4.47	3.208
November	2.10	.79	4.47	1.97	2.47	3.99	3.25	2.50	2.47	1.37	2.538
December	3.11	1.29	2.85	.34	2.50	1.06	6.87	2.29	1.38	1.34	2.303
TOTALS	25.03	26.39	42.54	21.48	20.10	29.32	33.59	35.54	31.82	26.34	29.215
	C	C	C								

1870 Aurora 24th & 25th of Oct On 31st 8.8. Therm fell to 8° Fahr
 In many parts the pastures were completely scorched by the
 drought in June and meadows instead of being green were parched
 by sun. Lawn 40 ft. from E post of House and 40 ft. from Trees 8°

RAINFALL AT Leeds, Allerton Hill**80**

Lat. _____

Lon. _____

County of

York

Rain Gauge, by _____

Observer J. Fenwick, Esq., C.E.

Base. Aire - 9

Diameter	5										
Height	7										
Altitude	4187										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January06	.46	1.72	3.83	3.78	1.49	3.54	2.42	.86	1.11	1.864
February	2.00	4.64	1.85	2.27	2.12	2.11	.66	.61	.96	1.31	1.853
March	2.19	3.41	2.53	1.06	1.68	1.81	1.40	1.40	3.46	2.43	2.137
April	2.27	1.61	3.35	3.06	2.54	1.75	2.31	.53	2.66	2.81	2.230
May	2.43	1.22	1.37	1.50	1.01	2.61	5.60	1.96	.81	3.02	2.153
June	5.18	2.23	4.58	3.12	.90	2.85	.47	.06	2.82	.32	2.253
July	1.90	2.13	3.59	3.92	4.44	1.06	5.02	1.68	4.94	1.70	3.338
August	1.59	3.86	2.12	2.13	1.09	1.29	2.16	1.54	2.07	4.10	2.195
September....	3.99	2.55	1.99	4.92	1.57	3.68	1.32	3.16	.85	1.30	2.533
October.....	5.20	3.42	3.38	3.28	1.23	4.72	4.19	2.17	.54	4.22	3.235
November....	2.05	2.92	2.82	2.50	1.64	1.78	1.64	2.02	5.59	.85	2.381
December....	3.65	2.29	5.35	.80	1.75	.59	2.37	1.62	1.82	1.60	2.184
TOTALS	35.51	30.74	34.66	32.59	23.15	25.14	30.68	19.17	27.38	24.77	28.359

N.B. Rejected from Survey as 2° low.

RAINFALL AT Leeds Allerton Hill

Lat.

Lon.

County of York W.R.

Rain Gauge, by

Observer J Fenwick Esq C.B.

House Aire 9

Diameter	5	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
Height	07											
Altitude	418 ft											
Year		1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January		2.87	1.25	1.61	1.07	2.56	3.94	.48	2.15	.83	3.43	2.019
February94	.03	1.98	2.68	3.80	.24	.83	2.76	1.34	1.54	1.614
March		1.74	1.12	1.00	24	1.54	2.13	2.74	2.67	.86	1.14	1.518
April92	1.78	1.80	1.22	3.04	1.55	1.36	1.62	2.56	1.89	1.994
May		2.67	2.34	2.89	2.30	1.32	.44	.56	1.39	1.95	3.19	1.905
June		2.81	1.27	4.56	1.55	2.62	3.19	4.36	3.40	1.49	1.37	2.665
July		2.26	3.37	1.67	4.30	2.97	5.91	1.52	.50	.78	1.84	2.012
August		4.16	3.87	3.07	2.61	2.55	1.98	2.38	2.78	3.29	1.52	2.821
September		1.97	1.66	1.53	1.63	.61	.92	3.51	2.40	.50	3.89	1.813
October88	3.55	6.69	2.09	4.49	3.31	3.97	1.73	3.98	2.49	3.218
November		2.65	3.19	1.89	1.73	1.50	2.90	1.95	2.43	2.21	1.09	2.154
December		1.15	14.05	.60	2.66	1.58	2.70	3.49	2.54	2.32	2.57	2.266
TOTALS		25.02	27.48	29.29	24.11	28.58	20.21	27.15	26.37	22.11	25.46	26.1178

1892 St Matthews Chapel Allerton 1/4 mile SE
 House 35 ft high 33 ft NW
 Shrub 15.. - 24.. E

N.B. Rejected from Survey as 2° low.

RAINFALL AT Leeds Allerton Hill

Lat.

Lon.

County of York W.R. Central

Rain Gauge, by

Observer T.E. Fenwick Esq [C]

for Messrs Martin & Fenwick Co.

Base-Area 9

Diameter ..	<u>5</u>										
Height ..	<u>0 7</u>										
Altitude ..	<u>418 ft</u>										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.R.A.N.
January ..	3.88	1.36	1.01	1.92	2.65	.69	2.83	.75	1.04	1.07	1720
February ..	4.84	1.45	1.41	1.66	3.47	1.15	1.88	1.48	1.22	.63	1919
March ..	.87	1.89	.74	3.10	1.65	2.11	1.57	1.50	3.43	3.62	2048
April ..	1.15	2.35	1.66	1.33	1.48	2.40	.58	1.51	2.74	2.69	17920
May ..	1.20	1.23	2.88	3.12	3.07	.67	1.84	3.48	2.43	1.78	2170
June ..	2.90	1.08	1.77	1.57	1.11	1.76	.97	3.15	.88	2.87	1836
July ..	2.91	.99	2.13	3.19	1.91	1.49	1.35	2.30	2.66	3.06	2199
August ..	4.44	1.44	3.73	3.09	3.28	4.24	1.88	1.75	1.76	2.73	2854
September ..	.67	1.30	1.04	3.44	1.06	1.76	.65	.91	2.40	1.62	1485
October ..	3.35	1.84	2.59	6.93	.53	1.78	4.12	5.43	1.39	2.06	30020
November ..	3.07	3.41	1.69	1.47	1.52	3.90	3.05	3.24	1.31	.44	2310
December ..	2.99	4.34	2.02	1.13	1.61	.34	2.06	2.55	1.51	(4.71)	2326 + 25
TOTALS ..	32.27	22.68	22.67	32.25	23.34	22.32	23.03	28.05	22.77	(27.28)	25666

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Hul

1906. Dec 26. A strong wind blowing during a snow storm which made the record unreliable.

1909 Chapel Allerton Church 150 yards N
Leeds Station 3 miles S

See .30 is added for Snow

N.B. Rejected from Survey as 2° low.

RAINFALL at Leeds Allerton Hill

County of W.R. Yorkshire

Observer J.E. Fenwick Esq. C.E.

River Basin Ouse-Aire 9

J. Hardinge (Buntingford)

Rain Gauge, by Casella No 6874

Diameter ...	5										
Height	0.7										
Altitude ...	418 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.88	.64	4.48	2.72							
February ...	2.15	1.47	1.84	.71							
March52	.94	3.18	2.55							
April	2.10	.86	.29	2.64							
May	2.40	.97	3.37	2.22							
June	2.19	4.29	4.75	1.56							
July	3.35	.51	5.68	.81							
August	3.36	1.83	3.60	1.02							
September ..	.18	2.42	1.39	1.32							6.81
October ...	3.26	2.66	1.56	2.90							
November ..	3.84	2.64	1.80	1.83							
December ...	2.74	3.58	2.33	1.54	5.70						
TOTALS ...	28.97	22.81	35.26	21.82	26.94	28.79	27.81	23.70	31.20	27.08	

N.B. Rejected from Survey as 2° low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Leeds	3 mi	S	St Matthews	near	N

RAINFALL at Leeds Allerton Hill

County of N. P. Yorkshire

Observer J. Harding Churton Esq.

River Basin Guse Aire 9

Snowdon Rain Gauge, by Casella No 6874

W

Diameter ...	5"										
Height	0 7								0 8		
Altitude ...	418										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...											
February ...											
March											
April											
May											
June											
July	6.38										
August											
September...											
October.....											
November...											
December...											
TOTALS...	19.36	19.35	19.07	29.38	27.86	28.78	26.03	34.87	31.83	22.65	34.30

1927. 8" above ground - on lawn - no shade - has been in same position many years.

N.B. Rejected from Survey as 2° low.

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
			Leeds	3 mi	S	St. Matthews	near	N

RAINFALL at Leeds (Allerton Hill)

County of West Riding.....

Observer T. Harding Churton, Esq.,

River Basin Ouse-Aire-9.....

Type of Gauge.....

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

Diameter	S.											
Height	0.8											
Altitude	418.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January				1.64								
February				(1.49)								
March				(2.18)								
April				(1.20)								
May				(2.75)								
June				(1.17) (9.31)								
July				2.42								
August				0.52								
September				(1.60)								
October				(3.21)								
November				2.83								
December				0.58								
TOTALS	32.31	22.97	21.09	22.41								

1934 Site unsatisfactory. Obs. refused to consider new site - Black hill end.
1935 low.

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

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