

## RAINFALL AT

Chatburn Middlewood

80

Lat.

Long.

County of Lancashire

Rain Gauge, by

Observer W.K. Wilkinson Esq

Ribble &amp; Co.

Diameter . . . . .											5	
Height . . . . .											1.3	
Altitude . . . . .											363 T	
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January . . . . .											1.93	3.26
February . . . . .											3.10	2.87
March . . . . .											3.86	3.31
April . . . . .											2.28	2.23
May . . . . .											3.05	2.99
June . . . . .											1.35	2.79
July . . . . .											3.67	4.48
August . . . . .											6.04	3.61
September . . . . .											2.90	3.96
October . . . . .											4.53	4.02
November . . . . .											2.20	4.42
December . . . . .											3.60	4.87
TOTALS . . . . .											38.51	42.81

Chatburn Church 2½ mile N  
tree 20 ft high 60 ft W

Average = Downham Hall +5% (20 x 0.05)

## RAINFALL AT Chatburn Middlewood

Lat.

Long.

County of Lancashire

Rain Gauge, by

Observer W.K. Wilkinson Jr Esq

Ribble 761

Diameter .....	5										
Height .....	1 3										
Altitude ....	3637										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	5.28	3.04	3.21	.91	3.81	2.58	2.87	1.68	5.11	7.39	2.588
February .....	.63	.59	2.66	6.25	7.58	.61	2.36	3.90	4.34	1.89	2.081
March .....	4.82	1.70	1.20	2.12	4.53	3.25	6.93	5.49	2.56	2.93	2.582
April .....	1.47	2.00	2.44	.72	2.45	2.70	2.65	3.01	2.03	3.67	2.214
May .....	2.44	2.45	4.57	2.28	2.69	.83	.55	2.65	3.38	2.85	2.469
June .....	3.85	.96	3.69	2.47	3.57	2.93	3.05	4.43	2.83	1.56	2.924
July .....	4.34	2.51	1.46	4.26	3.81	5.41	3.16	2.34	.71	2.05	2.005
August .....	6.51	7.02	6.51	6.48	7.58	4.49	2.68	7.01	6.55	2.34	5.911
September....	4.23	3.90	4.44	5.05	.46	2.21	6.66	5.45	1.24	7.11	4.075
October.....	4.19	3.76	6.01	7.02	4.12	5.85	3.24	2.60	3.93	2.89	4.361
November....	6.58	3.80	2.79	3.65	3.02	3.20	1.48	4.73	4.30	3.05	3.660
December....	(50	7.06	3.26	4.63	4.03	6.04	5.17	4.96	5.79	3.38	(4.1182)
TOTALS .....	(44.84)	38.79	42.24	45.84	47.65	40.10	40.80	48.25	42.77	41.11	(42.229)

1890 Chatburn Church 2/3<sup>4</sup> mile N

Tree 20ft high 60ft

W

RAINFALL AT Chatburn Middlewood  
 Lat. .... Lon. .... Central County of Lancashire South  
 Circular Rain Gauge, by No. 3 Observer W. King Wilkinson Esq.  
 Ribble 1

Diameter ..	5										
Height ....	13										
Altitude ..	363 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.32	3.65	4.17	5.07	3.75	2.49	6.95	2.35	5.95	2.60	4.330
February ..	5.05	1.52	1.38	5.23	4.14	2.53	3.22	3.49	3.60	4.90	3.506
March ..	.87	3.31	3.27	5.93	2.86	3.15	4.27	5.13	3.47	2.79	3.505
April ..	3.14	2.52	1.50	2.93	4.21	3.44	1.30	1.69	3.79	4.25	2.877
May ..	1.80	.86	2.83	3.81	3.11	.55	5.02	3.80	3.68	1.93	2.739
June ..	2.68	1.49	1.08	2.32	1.29	3.47	1.75	8.10	2.52	2.41	2.711
July ..	3.18	1.96	3.49	4.48	1.81	2.38	2.08	2.43	5.21	6.19	3.321
August ..	6.06	3.10	2.89	6.64	6.58	4.88	4.57	4.93	3.31	2.70	4.569
September ..	2.26	.96	1.01	6.47	1.50	3.59	1.30	1.17	5.09	2.73	2.608
October ..	7.31	3.73	5.30	10.61	2.46	3.81	6.85	4.49	1.99	4.95	5.150
November ..	3.78	8.19	2.17	3.60	5.09	4.71	4.59	3.47	4.15	2.25	4.203
December ..	5.76	5.50	4.53	3.18	3.22	1.43	4.32	5.88	3.21	6.57	4.361
TOTALS ..	48.21	36.79	32.62	60.27	40.02	36.43	46.23	46.93	45.97	44.33	43.880

m m m m m

1900 Chatburn Church  $\frac{2}{3}$  mile N

Tree 20 ft high 60 ft W

1903 Chatburn Station  $\frac{1}{4}$  mile N

## RAINFALL at Chalburn Middleswood

County of Central Lancashire.

Observer W.K. Wilkinson Esq

River Basin Ribble + C

Rain Gauge, by N+3

Diameter ...	5									
Height .....	1.3									
Altitude ...	363 T									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	7.90	1.97	4.03	4.71	3.51	6.17	4.34	2.90		
February ...	4.92	6.65	1.87	1.83	2.62	4.63	4.40	.99		
March .....	.69	1.81	6.10	5.80	4.85	2.25	2.85	2.49		
April .....	3.41	2.71	1.32	4.97	1.15	2.11	3.17	X		
May .....	2.61	2.01	2.37	3.38	2.19	1.71	3.06			
June.....	2.64	4.52	6.66	2.91	1.90	1.67	2.75			
July .....	3.36	.78	4.29	1.44	4.22	3.01	2.99			
August.....	6.16	3.06	6.50	2.03	2.46	5.72	3.75			
September ..	.38	4.14	1.96	1.90	3.89	.94	2.83			
October ...	3.66	3.86	5.01	2.13	2.04	1.86	10.19			
November ..	5.52	4.87	4.76	4.29	7.40	2.21	3.43			
December ...	4.67	6.68	4.86	3.32	6.24	6.77	3.55			
TOTALS ...	45.92	43.06	49.72	38.71	42.47	38.45	47.31			

1912 Tree 20 ft high base W

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.54	2.22	Chalburn	1/4 m	N	Chalburn	2/3 m	N

## RAINFALL at Chatburn, School

County of C. Lancashire

Observer E. Percy Aldersley Esq. (Headmaster)

River Basin Ribble &amp;c.

Snowdon Rain Gauge, by \_\_\_\_\_

Diameter ...										5		
Height .....										0.11		
Altitude ...										322		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.E.M. 1930	
January ...									9.93	202	6.16	
February ...									6.71	.88	.59	
March .....									3.39	122	2.88	
April.....									2.32	1.17	3.03	
May .....									0.83	(2.46)	2.70	
June .....									6.68	2.24	3.11	
July .....									2.02	(4.18)	6.29	
August .....									8.45	6.63	6.35	
September...									1.66	2.44	3.90	
October.....									6.45	6.64	7.21	
November...									6.88	4.24	5.87	
December...									2.78	9.20	4.05	
TOTALS...									58.10	46.71	52.14	

1928 read. Jan. 1930

1929. House 20 ft high 50 yds S.W. Outbuilding 10 ft. high E.  
Hall 2 ft. 18 ft. N.W.  
Shut. 2 ft. 13 ft. N.Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929.			Chatburn	3 fm 95	S.W.	Chatburn	100 yds	N.E.

## RAINFALL at Chatburn School

County of Central Lancashire

Observer E.P. Aldersley, Esq.

River Basin Ribble &amp; L. - 1

Type of Gauge Standard. Glaisher (1937)

Annual Average 43.9 in. based on 2 years obs. unweighted. Period of average 1931-1935 Ref.

7577/30.

Diameter	5.										
Height	0.11								10	11	
Altitude	322										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total
January	4.68	6.96	3.48	4.33	2.18	4.82	1.99	6.05	6.17	2.23	41.29
February	5.72	21	5.43	37	7.32	2.26	6.60	2.14	4.32	2.21	36.58
March	77	3.24	2.71	2.76	1.61	2.76	2.45	1.12	1.89	3.29	22.60
April	3.51	3.90	1.83	3.26	3.71	1.85	2.81	1.16	1.83	3.01	26.47
May	2.66	4.58	2.27	4.64	1.16	1.23	2.74	3.63	1.32	1.45	25.58
June	5.75	1.42	1.83	2.98	3.39	3.50	2.30	4.91	4.58	1.30	31.96
July	4.84	4.81	2.77	2.27	2.10	4.36	2.47	5.13	5.82	4.26	38.33
August	5.08	1.63	2.64	4.62	1.52	3.50	2.39	5.68	2.13	1.86	31.05
September	2.56	6.31	1.88	3.95	7.91	5.17	2.43	1.86	1.23	5.25	38.55
October	3.51	7.85	4.03	6.15	11.09	3.61	2.49	8.96	1.78	4.01	53.48
November	7.89	3.60	2.49	1.89	5.22	5.09	1.87	5.41	7.75	6.64	47.35
December	3.28	2.18	.82	6.46	3.11	5.13	2.10	4.56	3.29	3.81	34.74
TOTALS	49.25	46.09	32.18	43.58	50.32	43.28	32.64	49.21	42.11	39.32	427.98

House 30' high 50' do. SW : Wall 4' high 18' W : Hut 8' high 13' NE : Building 9' high 11' SE.

1937 Wall 4' high 30' N.E.

1938 Low Rakey 2' high 7' S. Wall 2' 7" high 9' N. Outbuilding 9' high 11' E.  
Wall 2' high 17' W.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931			Chatburn	6 fms.	SW	Chatburn	150 yds.	NE.

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

Station No. M. 2991

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## RAINFALL at Chathorpe School

County of Central Lancashire

Observer E.P. Aldersley Esq.

River Basin Ribble &amp; C-1

Type of Gauge B.A.

Annual Average 43.0 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. 7547/20

Diameter	5"			573	106								
Height	0' 11"				1		10"						
Altitude	322'				41								
Year	1941	X	1942	X	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	1.33	5.14	6.19	6.16	2.90	4.79	5.39	7.62	2.32	2.90	4.47	7.14	
February	5.23	1.44	2.48	2.79	5.07	5.83	2.70	3.02	2.96	6.13	3.1	6.65	
March	3.86	3.98	1.27	3.35	2.13	1.33	7.08	2.03	1.45	2.03	2.5	5.51	
April	1.61	1.96	2.21	2.52	3.16	1.52	3.83	2.10	4.66	3.62	2.7	1.09	
May	2.34	2.08	2.97	5.12	3.76	2.14	3.46	1.46	2.68	1.58	2.7	5.56	
June	.34	1.96	3.89	3.29	4.76	3.75	3.19	5.38	.83	3.66	3.1	05	
July	(1.18)	4.26	2.93	3.98	2.99	6.09	5.11	1.85	2.45	4.18	3.5	32	
August	6.02	5.83	6.95	2.56	1.44	9.06	.71	3.86	3.06	9.87	4.9	42	
September	1.01	2.52	3.44	6.86	3.27	7.67	3.67	3.84	1.56	6.86	4.0	70	
October	5.70	5.90	4.13	4.72	5.88	1.34	.76	2.48	6.12	3.49	4.0	52	
November	2.53	1.28	2.86	7.54	.40	8.71	6.70	2.97	5.31	6.22	4.4	52	
December	2.21	3.70	2.06	4.31	2.67	4.56	3.22	2.90	6.80	2.70	3.5	13	
TOTALS	33.39	40.11	41.38	50.20	38.43	56.79	45.82	39.51	40.34	53.24	43.92	1	
	D	D	D	D	D	D	D	D	D	D	D		

July 15 east of from nearby skews.

1947 Rockery 2' high 7' S. Wall 2' 7" high 9' N. Building 9' high 11' E. Wall 2' high 11' W.

DOU04

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	Parish Church.	Distance from gauge	Direction
1947			Chathorpe	4 miles	S.W.	Chathorpe	1.50	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2991 m

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## RAINFALL at Chatterton School

County of Central Lancashire

Observer

E.P. Aldersley Esq. (actd. 1-4-55)

River Basin

Ribble &amp; L. -

HEADMASTER.

Type of Gauge

B.C.P.

Annual Average 43.0 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S.  
 " " 44.52 " " 27 " within 1928-57. " " 1916-50 " S.  
 File No. 7277/30

Diameter	5'	573	106									
Height	6' 10"		1									
Altitude	322'		51									
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	4.31	4.71	1.93	4.05	2.82	5.28	3.71	3.69	3.00	6.07	39.57	
February	4.27	1.39	1.89	3.32	1.40	1.00	3.31	6.92	4.40	2.67	26.57	
March	4.79	2.61	1.52	2.27	1.85	1.47	3.27	1.64	1.87	0.83	22.12	
April	2.39	3.01	3.44	1.01	2.15	2.73	1.33	1.06	3.37	2.60	23.09	
May	1.67	2.63	3.51	3.01	2.77	1.94	2.61	5.99	1.94	2.67	28.54	
June	1.18	3.23	2.43	3.52	3.22	2.12	1.67	4.97	3.28	1.12	26.74	
July	3.62	2.37	5.73	4.96	.96	4.89	4.29	3.45	2.77	7.35	40.89	
August	4.01	6.25	6.06	5.06	1.23	10.75	4.78	4.56	5.57	6.26	49.53	
September	3.86	4.92	5.07	5.26	2.78	3.92	5.47	4.76	3.33	3.16	39.53	
October	1.19	3.32	1.59	8.57	2.87	2.14	5.22	3.45	4.54	3.70	36.59	
November	8.47	2.27	5.07	5.87	1.86	1.76	1.52	1.89	5.80	2.76	41.74	
December	10.12	3.81	2.26	6.36	5.64	4.41	5.25	3.71	6.14	5.17	52.87	
TOTALS	49.88	40.52	40.50	52.76	29.55	42.41	42.23	46.59	34.01	49.36	427.81	
	D	D	D	D	D	D	D	D	D	D		

1951 Rockery 2' high at 71.8. Wall 2' 7" high at 9' N Building 9' high at 11' E Wall 2' high 17' W.  
 1956 Trees 30' at 90° S. School Bldgs 40' at 45° SE. Observer Confirms 32' on 18 July.  
 1957 Nov + 0.5 approx.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference (34) 768441

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Chatterton	4 fms	S.W.	Chatterton	150° N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			c 1928 —	✓	✓	✓