

RAINFALL AT *Rivington, Great Hill*

Lat. *53° 39' 59" N*

Lon. *2° 32' 8" W*

County of *Lancashire*

Rain Gauge, by

Observer

Liverpool Corporation
(per J. L. L. L.)

Ribble - Douglas 2

Diameter											
Height											
Altitude	<i>1240</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS ...			<i>57.89</i>	<i>49.62</i>	<i>39.72</i>	<i>43.22</i>	<i>50.68</i>	<i>32.34</i>	<i>44.07</i>	<i>46.28</i>	

Rejected from Survey: 4' too Low.

from Rinked Table

RAINFALL AT Rivington, Great Hill

Lat. 53° 29' 59" N.

Lon 2° 32' 8" W.

County of Lancashire

Rain Gauge, by

Observer

Liverpool Corporation

(Messrs. Perry & Co.)

Ribble - Douglas 2'

Diameter												
Height												
Altitude	1210											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September....												
October.....												
November....												
December												
TOTALS . . .	51.58	54.55	47.13	41.5	51.50	62.41	85.49	114.74	124.13	63.41	16.47	59

Rejected from Rainy : 4' too low.

RAINFALL AT

Rivington Great Hill

Lat.

Lon.

County of *Lancashire* *South*

Rain Gauge, by

Observer *J. Parry C.E.*

Douglas 2

Diameter ..				8							
Height				1 8							
Altitude ..				1240							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.81	2.48	4.98	3.56	4.09	2.34	6.90	2.61	4.02	2.84	3.963
February ..	3.04	1.62	1.65	4.09	2.97	2.18	3.89	1.98	6.44	2.08	2.994
March	4.9	3.13	3.04	4.36	2.28	3.66	3.98	3.93	3.33	2.87	3.107
April	2.64	3.14	2.74	2.11	3.00	3.27	2.41	2.51	3.30	5.12	3.024
May	2.08	1.22	3.93	4.04	2.11	1.22	4.52	4.58	4.42	3.13	3.125
June	2.51	2.57	2.24	1.88	2.66	2.51	2.97	10.59	2.38	4.69	3.500
July	3.27	2.14	3.07	5.15	1.75	3.70	3.00	4.22	8.91	7.46	4.267
August	6.24	3.27	3.70	7.10	5.25	4.59	4.52	6.27	6.50	5.64	5.308
September..	3.66	1.22	2.60	5.71	1.48	3.56	2.15	1.39	8.02	3.50	3.329
October	7.79	4.78	7.33	9.70	3.93	5.35	8.12	4.36	2.34	7.29	6.099
November..	4.95	6.34	3.47	4.36	3.70	6.30	4.16	4.72	4.03	2.18	4.421
December ..	5.61	4.03	4.55	2.81	3.66	1.39	6.05	5.71	2.71	7.26	4.378
TOTALS ..	48.09	35.94	43.30	54.87	36.88	40.07	52.67	52.87	56.40	54.06	47.55

Records previous to 1903 not printed in "B.R."
1900-1902. Monthly totals recd. XII. 08. Entered IX. 09.

Rejected from Survey 14" too low

† *Inspected*

RAINFALL at Rivington Great HillCounty of Central LancashireObserver J. Parry Esq. C.E.River Basin Ribble-Douglas 2J.R. Davidson Esq. C.E. 1915New Gauge Rain Gauge, by
Mar 1913

Diameter ...	8											
Height	1	8										
Altitude ...	1240	ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	5.87	1.98	4.29	7.39	?	5.94	3.92	2.43	2.97	4.65		Total 18.14 13.97
February ...	4.39	4.69	2.37	2.74	?	2.64	5.25	3.46	1.55	5.44	1.18	11.63
March	1.19	2.31	6.80	7.85	?	5.11	2.24	1.65	2.47	1.98	4.44	10.54
April	4.62	4.02	.96	5.31	1.52	2.60	4.22	2.08	1.38	3.12		10.80
May	5.18	3.93	3.13	4.29	2.37	1.68	3.69	1.81	2.64	1.70		9.84
June	4.22	4.62	6.60	3.48	2.11	2.18	3.86	2.86	2.93	2.80		12.45
July	7.26	.36		2.21	5.94	4.93	3.03	2.60	4.03	2.09		11.75
August	7.38	4.85		2.90		5.81	3.50	8.54	5.57	4.62		22.23
September ..	.86	4.82		2.07	4.46	1.15	3.23	3.16	12.93	2.83		22.15
October ...	5.12	4.75		2.34	2.97	2.49	8.81	8.64	5.21	3.60		26.26
November ..	6.11	5.04		5.94	5.73	1.45	3.17	6.00	2.71	3.33		15.21
December ...	5.51	8.42		3.46	5.64	7.92	3.36	2.77	9.76	7.62		23.51
TOTALS ...	57.71	50.79				43.64	45.90	44.91	57.55	41.98		190.34 12.45

1910 Aug Gauge broken open & bulk of water emptied out. 2.50 in estimated for Aug 25-31.

1912 Jan-Dec Readings unreliable.

1913 p' Leaky New Gauge April

1914 p' Jan + Aug tampered with

+ Inspected

Rejected from Survey: 4" too low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Risington Great HillCounty of G. LancashireObserver Col. J. R. Davidson G.E.River Basin Ribble - Douglas 21 foot W.H.

Rain Gauge, by _____

Over exposed on Moor

Diameter ...	8													
Height	1 8													
Altitude ...	1240													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1920			
January ...	4.53	7.42	3.33	5.01	3.66	3.10	4.53	4.36	10.54	1.85	7.19	Totals 55.52		
February ...	3.63	4.2	5.28	5.80	1.22	6.06	4.75	2.24	4.81	1.35	.50	36.06		
March	3.99	3.66	2.74	1.98	1.65	2.27	1.82	5.30	3.00	2.02	4.09	32.52		
April	6.00	2.35	2.70	3.89	2.08	2.79	1.96	3.66	1.38	1.45	2.81	31.07		
May	8.44	3.16	2.30	4.39	6.24	4.90	3.53	1.68	1.52	3.40	2.24	41.80		
June	3.03	.89	4.52	1.86	3.99	.16	3.00	4.97	6.73	2.31	3.96	35.42		
July	6.99	2.24	5.97	5.84	5.84	3.36	4.25	4.52	3.27	4.82	7.99	55.09		
August	2.90	8.11	5.50	7.00	9.57	4.27	4.36	6.46	8.65	6.77	9.93	73.52		
September...	4.09	2.24	5.90	6.02	5.44	5.19	5.34	7.62	1.75	2.71	3.86	50.16		
October	1.60	3.76	.96	7.50	6.13	5.89	3.39	5.02	6.00	8.42	6.97	55.64		
November...	2.44	3.50	4.12	5.71	3.26	4.21	6.90	5.81	7.45	8.75	3.48	60.63		
December...	2.64	6.93	4.71	5.40	7.18	2.63	2.38	1.59	3.17	12.77	4.46	53.86		
TOTALS...	50.28	44.68	48.03	60.40	56.26	44.83	46.21	53.23	58.27	56.62	62.48	581.29		

1927. May. 9. interfered with. one week estimated.

18/1/28 Inspected by Mr Colenso see green file.

Reflected from Runway - 14' too shortPosition 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

RAINFALL at Rivington (Great Hill)*County of Central LancashireObserver Col. J. R. Davidson, C.E.River Basin Ribble-Douglas-2Col. J. Hibbert C.E.

Type of Gauge.....

Annual Average 2.7 in. based on 22 years obs. un-weighted. Period of average 1891-1915 Ref. S

660603/26

Diameter	8.											
Height	1.8.1.0.											
Altitude	1240.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.21	3.80	3.21	3.83	3.47	6.11	3.47	4.79	6.57	2.85		Totals 64.31
February	5.38	2.0	5.28	4.3	6.44	3.33	5.54	1.68	4.42	3.49		36.19
March	1.52	3.33	4.06	3.83	1.65	5.08	2.51	2.05	2.08	2.90		27.01
April	4.06	3.57	2.08	3.00	3.83	1.16	3.93	.73	3.30	3.20		28.86
May	2.58	5.35	2.34	4.22	1.02	1.58	2.67	4.55	1.72	1.06		27.09
June	7.79	.92	3.07	2.48	3.10	4.88	2.34	5.28	3.80	1.06		34.72
July	4.98	5.97	3.27	2.51	2.48	5.45	2.67	5.78	7.72	6.40		47.20
August	5.84	1.52	4.03	7.12	1.88	4.29	2.54	3.66	3.07	3.80		37.75
September	5.12	6.80	1.06	4.30	8.45	4.72	2.15	3.10	1.78	5.18		42.66
October	3.37	8.61	5.05	6.96	9.20	5.18	2.41	9.21	2.67	(5.00) 6.34		57.66
November	8.52	3.80	3.04	2.77	5.38	8.05	2.41	6.11	8.58	(7.70) 7.70		56.36
December	2.97	2.07	.69	7.46	4.98	4.92	4.03	6.17	3.04	(5.00) 8.35		41.33
TOTALS	58.31	45.94	37.18	48.91	51.88	54.75	36.67	53.11	48.75	(47.64) 53.87		483.14
	W	W	W	N	W	W	W	W	W	W		89.8

* Gauge over exposed on moor (B.R.)

1940. Oct.-Dec. amendments compiled by Liverpool W.W. when gauge was found to be faulty. New values adopted for B.R. 1940.

Revised from January as 4" too low. Letter sent 7/6/53

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 2003RAINFALL at Livingston (Great Hill) #

41

County of Central Lancashire Observer Lt Col. F. Herbert & C.River Basin Ribble - Douglas Liverpool Corps M.W.

Type of Gauge.....

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

File No. 660603/26 E32854

Diameter	8"	570	619	5								
Height	1'0"		1									
Altitude	1240'		41									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.84	4.32	7.28	6.85	5.40	5.58	5.48	10.58	3.75	4.53		Totals 57.24
February	(5.99)	2.40	3.18	2.78	5.70	6.40	2.85	2.60	3.23	6.08		41.21
March	4.19	3.97	1.47	1.20	1.98	1.32	8.93	2.13	3.08	2.68		30.95
April	2.75	2.30	3.73	2.62	2.94	1.82	3.77	2.28	4.38	3.48		30.07
May	2.95	3.85	3.82	4.79	3.88	1.93	3.57	2.57	4.18	2.07		33.61
June	.63	1.05	4.65	4.27	5.08	3.93	3.38	5.92	1.83	3.63		34.37
July	3.22	7.02	4.18	5.70	3.30	4.87	4.18	3.42	3.36	4.92		44.77
August	7.90	5.91	8.63	4.15	3.40	9.77	.25	6.13	3.02	9.46		58.62
September	1.65	4.05	6.20	7.79	2.57	9.18	5.17	3.78	2.73	9.02		52.14
October	5.68	10.14	5.33	6.55	6.87	1.53	1.18	3.82	5.33	4.13		50.56
November	3.06	1.42	4.55	7.65	.78	7.07	6.08	2.58	6.38	7.43		47.00
December	3.45	5.08	3.40	6.60	3.88	5.37	4.48	5.18	6.62	4.50		48.56
TOTALS	44.34	52.11	56.42	60.95	45.78	58.77	49.32	50.99	47.89	61.93		528.50
	W	W	W	W	W	W	W	W	W	W		1446

1941 & later total amended by Liverpool M. W.

" New gauge set up May 1st.

20004

|| Gauge over-affected on moor

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

51

Observer *Liverpool Harbor W. W.*

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2015年12月31日 星期三

File No. E 3261/45 E 23261/58

1955 May est. M. O. 3.

1956 April bank est 1903

1958 soft cat 000004

1958 rept cat 00004

av. 51.43 in. based on 28 yrs. Also within 1930-57. 5 in. low. Period of average 1916-50 - Ref 8. Rejected
 11 Peak with footnote "game over-estimated" & Turf-wall.

Position of Station on Ordnance One-Inch map : No. of Map 101 National Grid Reference 52(34)646190

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - *Rejected*

(62) Wt. 13072—180 10M 6/50 T.S. 841