

RAINFALL AT *Rivington, Hurst Hill*

70

Lat. *53° 39' N.*

Lon. *2° 34' W.*

County of *Lancashire*

Rain Gauge, by

Observer *Liverpool Corporation*
(*per J. Barry, C.E.*)

Diameter.												
Height.												
Altitude.						<i>1029</i>						
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
TOTALS						<i>41.10</i>	<i>41.65</i>	<i>63.10</i>	<i>47.60</i>	<i>44.30</i>		

RAINFALL AT Rivington, Hurst HillLat. 53° 39' 20" N.Lon. 2° 33' 44" W.County of Lancashire

Rain Gauge, by.....

Observer Liverpool Corporation
(per J. L. H. C. E.)

Ribble - Douglas 2

Diameter												
Height												
Altitude	1029											
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 ...	44.10	47.30	51.16	44.76	34.42	38.71	47.74	29.76	39.75	41.48		

Rejected from Survey : 5" too low.

from Printed Table

RAINFALL AT Rivington, Hurst Hill

Lat. 53° 37' 20" N.

Long. 2° 33' 44" W.

County of Lancashire

Rain Gauge, by

Observer Liverpool Corporation

Ribble. Douglas 2

(see p. 214 C.S.)

Diameter												
Height												
Altitude	<u>1029</u>											
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	<u>47.03</u>	<u>50.43</u>	<u>42.50</u>	<u>42.61</u>	<u>47.45</u>	<u>37.68</u>	<u>43.40</u>	<u>44.32</u>	<u>39.39</u>	<u>38.15</u>	<u>43.29</u>	

Rejected from Survey: 5" too Low

RAINFALL AT

Rivington Hurst Hill

Lat.

Lon.

County of *San Antonio*

South

Rain Gauge, by

Observer *J. Langley, C.E.*

Douglas 2

Diameter ..				8							
Height				1 10							
Altitude ..				1029							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	5.31	2.54	4.39	2.81	3.66	1.68	5.05	1.82	3.14	2.31	3.271
March	2.24	1.62	1.45	3.46	3.05	1.78	3.20	1.58	3.70	1.54	2.362
April	56	2.77	2.74	3.86	2.18	3.14	3.40	3.47	3.13	2.90	2.815
May	2.21	2.97	2.61	1.75	2.48	2.81	1.85	2.18	2.84	4.29	2.599
June	2.15	.92	3.89	3.66	2.01	1.00	4.19	4.29	3.43	2.44	2.798
July	2.21	2.51	2.01	1.75	2.58	2.38	3.20	8.94	1.98	4.22	3.178
August	2.90	1.98	4.36	4.69	1.88	3.14	2.54	3.86	5.74	6.47	3.756
September ..	5.64	2.97	2.64	6.10	4.75	4.52	3.93	5.77	3.63	4.62	4.457
October	3.23	1.16	2.24	5.35	1.45	3.10	1.95	1.19	5.61	3.24	2.852
November ..	6.11	4.22	5.74	8.35	3.50	4.49	7.33	3.23	2.18	7.03	5.218
December ..	4.26	5.08	2.81	4.03	3.37	5.21	3.76	3.37	3.43	1.85	3.717
TOTALS ..	5.02	3.63	3.80	2.67	3.43	1.35	4.99	3.86	2.51	7.92	3.918
TOTALS ..	41.84	32.37	38.68	48.48	34.34	34.60	45.39	43.56	41.32	48.83	40.041

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

Rejected from Survey : 5° 60' low

† Inspected

RAINFALL at Livingston Hunt HillCounty of Central LancashireObserver J. Garry Esq. C.E.River Basin Pibble-Douglas 2J.R. Davidson Esq. C.E. 1905

Rain Gauge, by _____

Diameter ...	8										
Height	10										
Altitude ...	1029 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.21	1.29	2.77	3.82	2.92	5.57	3.20	2.34	2.90	4.55	
February ...	4.13	3.89	1.95	1.38	2.47	5.13	3.30	1.41	4.62	1.09	
March99	1.68	5.97	4.55	4.45	1.84	1.74	2.67	1.74	4.54	
April	3.17	3.33	.73	5.07	1.22	2.34	4.06	2.01	1.22	2.77	
May	3.59	2.91	2.54	3.89	2.17	1.51	3.33	1.95	2.64	1.54	
June	3.67	2.93	6.22	3.16	1.65	2.18	2.63	2.83	2.57	2.61	
July	6.11	.36	5.31	1.88	5.21	4.88	3.00	2.28	3.50	1.90	
August	6.07	4.39	5.35	2.54	3.36	5.94	3.33	8.08	5.08	4.32	
September ..	.69	4.23	2.64	2.21	3.91	1.09	3.03	2.83	12.34	2.47	
October ...	3.99	3.14	4.98	2.57	2.70	2.30	7.59	7.95	5.34	3.23	
November ..	5.41	4.32	3.33	5.28	5.14	1.42	2.80	4.90	2.44	3.03	
December ...	4.39	7.16	3.76	2.73	6.17	7.16	3.43	2.34	8.74	7.72	
TOTALS ...	47.42	40.63	48.75	39.08	41.37	41.36	42.44	41.59	53.13	39.77	

+ Inspected

Rejected from Survey: 5" too low

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

RAINFALL at Swington Hurst HillCounty of C. LancashireObserver Col. J. P. Davidson C.E.River Basin Pibble-Douglas 2.L. food 150.

Rain Gauge, by _____

Overexposed on knoor

Diameter ...	8											
Height	1 10											
Altitude ...	1029											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	
January ...	4.16	7.13	4.09	4.36	3.50	2.99	4.42	5.41	11.91	2.05	6.33	
February ...	3.03	3.6	5.24	6.10	1.09	6.17	4.60	2.25	6.63	1.39	.43	
March	3.92	3.43	2.54	2.11	1.63	2.10	1.81	6.28	3.02	1.88	3.93	
April	5.41	2.18	2.41	3.79	1.88	2.42	1.79	3.36	1.32	1.42	2.81	
May	7.91	3.00	2.01	4.19	3.31	3.30	2.77	1.99	1.51	3.41	2.21	
June	2.97	72	3.86	1.50	3.27	13	2.40	5.28	6.60	2.25	3.07	
July	6.69	1.84	5.57	5.69	5.25	4.34	4.06	5.01	3.30	4.69	6.27	
August	2.90	7.22	5.11	5.80	7.75	4.41	4.59	5.87	8.07	6.04	9.74	
September...	3.49	(1.91)	5.08	5.84	4.68	4.96	4.85	7.22	1.68	2.54	3.50	
October	1.37	3.29	82	6.70	5.31	5.99	3.37	4.37	6.33	9.09	7.36	
November...	2.07	3.24	4.09	5.77	2.80	4.72	8.05	6.17	7.72	8.88	8.45	
December...	2.44	6.96	4.68	5.01	6.43	2.47	2.93	1.56	3.07	10.11	5.58	
TOTALS...	46.36	(41.28)	45.50	56.86	48.92	46.00	45.64	54.77	61.21	53.75	60.18	

1921 September estimated

1927. In March, April & Sept. 19. was interfered with. one week estimated in each month

10/11/28 Inspected by Mr. Colson no green file

Refused from Survey 5" too lowPosition 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

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

Type of Gauge.....

Annual Average ~~4.25~~ in. based on ~~25~~ years obs. un-weighted. Period of average 1891-1915 Ref. S

660603/26

Diameter	8.										
Height	1.10	1.	0.								
Altitude	1024.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.78	5.38	3.18	3.86	2.77	5.21	3.20	5.94	6.17	2.45	
February	5.35	2.0	6.73	3.30	6.70	3.99	5.91	1.55	4.55	2.86	
March	1.12	3.10	3.17	3.14	1.49	3.33	2.74	1.82	2.24	2.97	
April	3.66	3.43	1.82	2.87	3.40	1.45	3.86	0.67	3.43	2.84	
May	2.64	5.21	2.41	4.09	1.35	1.85	2.90	4.72	1.62	1.35	
June	7.55	1.83	3.43	2.24	3.43	4.92	2.15	5.41	3.86	1.09	
July	4.32	5.41	2.81	2.54	2.24	5.54	2.37	5.12	7.59	6.34	
August	5.71	1.49	3.53	6.17	1.88	3.40	2.51	3.50	2.74	3.10	
September	5.44	5.97	1.16	4.16	9.34	4.52	2.21	3.23	1.85	3.50	
October	2.97	8.35	4.95	7.06	8.68	4.69	2.64	9.37	2.71	4.72	
November	8.29	2.97	3.07	2.84	5.51	6.60	2.57	5.84	7.92	5.95	
December	2.78	2.14	66	7.46	5.51	4.85	4.46	6.01	3.14	4.90	
TOTALS	55.61	44.48	36.92	46.73	52.30	50.35	37.72	53.18	47.82	44.74	
	W	W	W	W	W	W	W	W	W	W	

* Gauge over exposed on 1700 ft. (B.R.)

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

* Reported from survey as 5'6" low. Letter sent 17/9/32.

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

Station No. T.F. 3002RAINFALL at Rivington (Hurst Hall) ^{12. VII. 51}

41

County of Central Lancashire Observer Lt. Col. F. H. H. L. E.River Basin Rees - Douglas 2 Liverpool Corp. W.W.Type of Gauge Octagon

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

File No. 660603/26 E3285/4

Diameter	8"	576	548	5'							
Height	1'0"		1								
Altitude	1029'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(2.70)	4.85	5.96	5.60	5.05	4.87	5.08	9.08	3.30	3.73	
February	(5.67)	2.35	2.36	2.30	5.30	5.90	2.70	2.55	2.53	5.48	
March	(3.95)	3.92	1.30	1.00	1.78	1.20	8.08	1.87	2.78	2.27	
April	(2.50)	2.05	2.70	2.48	2.53	1.32	3.78	2.03	3.73	3.13	
May	2.78	3.80	3.50	3.42	3.49	1.91	3.43	2.08	3.73	1.78	
June	.62	1.00	3.76	3.25	4.27	3.83	2.73	5.53	1.58	3.42	
July	3.12	5.98	3.62	4.75	3.05	4.43	3.73	3.13	2.98	4.47	
August	7.05	4.92	7.83	3.25	3.07	9.33	.20	5.83	2.53	9.22	
September	1.35	3.80	5.20	7.35	2.25	8.05	4.43	3.15	2.33	7.87	
October	5.33	8.10	4.70	5.73	6.55	1.45	.93	3.12	4.50	3.83	
November	3.02	1.18	3.95	7.40	.66	6.70	5.27	2.38	5.43	6.83	
December	3.15	4.82	2.90	4.85	3.18	4.80	4.37	4.23	5.93	4.50	
TOTALS	(41.24) W	46.77 W	47.78 W	51.48 W	41.28 W	53.79 W	44.73 W	44.98 W	41.36 W	56.53 W	

1941. Jan. est'd from map. Feb.-Apr. totals amended by Liverpool W.W.
" New gauge set up May 1st.

74004

12. VII. 51
3/73

11 Gauge over exposed on roof.

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. 3002 ^{1.6}RAINFALL at Rivington (Hurst Hill)

51

County of Central Lancashire Observer Liverpool Corp. W. W.River Basin Ribble-Douglas-2Type of Gauge OctapentAnnual Average in. based on years obs. un-weighted. Period of average Ref.File No. E 3225/45

Diameter ...	5'		576	548							
Height ...	1' 0"			1							
Altitude ...	1029'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.47										
February ...	3.42										
March ...	4.73										
April ...	3.00										
May ...	2.87										
June ...	1.23										
July ...	3.37										
August ...	4.52										
September ...	3.08										
October ...	1.00										
November ...	8.52										
December ...	8.48										
TOTALS ...	50.19										

1951 is mean at end of year

1951 M.P. low

Position of Station on Ordnance One-Inch map : No. of Map SD631 179 National Grid Reference

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ n.p. 49	