

RAINFALL AT *Rivington, Hughes Hill*

Lat. *53° 42' N*

Lon. *2° 31' W*

County of *Lancashire*

Rain Gauge, by

Observer

Liverpool Corporation
(*per J. Lacey C.E.*)

Diameter.												
Height.												
Altitude.						<i>733</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>33.95</i>	<i>35.45</i>	<i>55.70</i>	<i>40.30</i>	<i>34.40</i>		

from Sinker's Table.

80

RAINFALL AT Livingston, Higher Hill

Lat. 53° 41' 50" N.

Lon. 2° 31' 2" W.

County of Lancashire

Rain Gauge, by

Observer Liverpool Corporation

Ribble - Douglas 2

Herz Parry C.E.

Diameter . . .												
Height												
Altitude . . .	<u>733</u>											
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 . . .	<u>39.75</u>	<u>40.35</u>	<u>45.91</u>	<u>40.56</u>	<u>32.69</u>	<u>34.05</u>	<u>41.16</u>	<u>26.68</u>	<u>34.05</u>	<u>33.87</u>		

-from Booked Table.

RAINFALL AT Livingston, Higher Hill

Lat. 53° 41' 50" N.

Lon. 2° 31' 2" W.

County of Lancashire

Rain Gauge, by

Observer

Liverpool Corporation

Ribble - Douglas 2.

(see p. 114 C)

Diameter												
Height												
Altitude	<u>733</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>39.48</u>	<u>41.38</u>	<u>36.45</u>	<u>35.00</u>	<u>38.13</u>	<u>34.89</u>	<u>37.90</u>	<u>39.02</u>	<u>35.21</u>	<u>35.92</u>	<u>37.33</u>	

RAINFALL AT

Livingston Higher Hill

Lat.

Lon.

County of *Lincolnshire*

South

Rain Gauge, by

Observer *J. Larry Esq. C.E.*

Douglas 2

Diameter ..				8							
Height				1 4							
Altitude ..				733							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	5.15	2.18	3.30	2.90	3.10	1.65	4.98	1.09	2.51	1.89	2.875
March	2.95	1.22	1.95	3.07	3.60	1.45	2.77	1.19	2.34	1.51	2.205
April .....	.53	3.20	2.57	4.13	2.34	3.14	2.97	2.64	2.65	2.31	2.648
May	2.11	2.31	2.81	1.49	2.64	2.34	1.95	1.65	1.78	4.29	2.337
June	1.75	1.06	3.27	3.83	2.05	.96	3.83	3.56	3.33	2.54	2.621
July	2.57	2.05	1.61	1.62	2.15	2.54	1.82	7.36	1.85	3.66	2.723
August	2.38	2.14	3.83	3.73	1.65	2.67	1.91	3.46	4.62	4.85	3.124
September ..	4.92	2.51	2.74	5.05	4.95	4.46	2.97	4.26	3.36	4.36	3.958
October	2.41	.86	2.21	5.18	1.15	2.28	1.22	1.06	4.32	2.71	2.340
November ..	5.74	3.40	3.93	8.32	2.67	3.33	6.47	2.94	1.52	4.87	4.319
December ..	3.33	5.38	2.44	2.94	2.61	4.42	3.37	2.64	2.74	1.12	3.099
TOTALS ..	4.46	3.43	3.07	2.80	3.30	1.19	4.30	3.76	1.85	5.38	3.354
TOTALS ..	38.30	29.74	33.73	45.06	32.24	30.43	38.56	35.61	32.87	39.49	35.603

Records previous to 1903 not printed in "B.R."

1900-1902. Monthly totals recd. XII. 08.

Entered IX. 09.

+ Inspected

H.W.

RAINFALL at Rivington Higher HillCounty of Central LancashireObserver J. Barry Esq. C.E.River Basin Pibble & Douglas 2.J. A. Davidson Esq. C.E. (14)Rain Gauge, by

Diameter ...	8										
Height	1.4										
Altitude ...	733 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.63	1.47	3.27	3.76	2.60	5.22	2.83	2.44	2.64	4.48	
February ...	3.20	3.76	1.81	1.28	2.73	6.03	3.53	.95	4.35	1.05	
March .....	.86	1.65	5.65	4.70	4.19	1.58	2.00	2.21	1.65	4.61	
April	2.81	2.94	.66	5.11	1.35	1.94	3.70	1.73	1.18	2.38	
May	3.73	2.00	2.29	3.66	1.83	1.52	2.33	2.18	1.98	1.67	
June	3.04	3.63	6.24	2.73	2.13	2.11	3.74	2.44	2.37	2.07	
July	6.00	.43	5.91	1.59	4.48	3.83	2.90	1.94	3.36	1.91	
August	5.64	3.59	6.43	2.35	2.67	5.24	4.56	6.20	4.15	4.06	
September ..	.46	4.39	2.01	1.94	3.73	.82	2.91	2.14	11.58	2.17	
October ...	3.30	3.00	4.69	1.98	2.50	1.81	7.01	7.82	3.59	3.13	
November ..	4.52	3.47	2.80	4.38	5.24	1.50	2.50	4.12	2.18	2.61	
December...	4.16	7.52	3.43	2.77	5.44	6.83	2.87	2.21	7.36	6.66	
TOTALS ...	(41.35)	37.87	45.22	36.25	38.89	38.43	40.90	36.38	46.39	36.80	

1910 July partly estimated

+ Inspected

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

DARWEN.
RAINFALL at Darwen Higher Mill

County of Central Lancashire Observer Col. J. R. Davidson C.E.River Basin Ribble - Darwen 2 * Walsley Conf. Liverpool

Rain Gauge, by _____

Diameter ...	8										
Height	1 1/4										
Altitude ...	733										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...	3.53	6.20	3.17	5.49	3.00	2.76	4.32	3.53	9.47	1.78	5.91
February ...	2.97	2.6	4.32	6.89	8.9	6.51	4.09	1.72	3.86	1.06	.33
March	3.99	2.83	2.24	1.97	1.67	1.84	1.32	4.58	3.23	1.34	2.81
April	5.31	1.94	2.50	3.66	1.81	2.55	1.54	2.77	1.26	1.16	2.44
May	6.57	2.50	2.00	3.96	5.44	4.05	3.30	1.35	1.42	2.97	1.65
June	3.23	.75	3.23	1.15	3.13	.26	2.60	4.32	5.74	1.52	2.71
July	5.81	2.14	5.48	4.62	4.95	2.66	3.33	3.86	2.41	3.76	6.24
August	2.60	6.23	5.37	5.90	6.90	4.01	3.63	6.01	6.70	5.05	8.68
September...	2.97	2.04	4.39	4.62	4.52	4.11	4.69	6.73	1.32	1.96	3.07
October	1.40	2.73	5.6	6.14	4.25	4.97	3.17	3.76	5.61	6.63	5.41
November...	1.81	2.70	3.49	5.85	2.16	3.42	7.02	4.17	5.72	4.42	6.29
December...	2.37	5.31	5.24	4.21	5.21	2.05	1.26	1.48	2.73	8.15	4.95
TOTALS...	42.56	35.63	42.29	52.46	43.93	39.19	40.27	44.28	49.49	42.80	50.49

18/12/28 Inspected by Mr. Colman. see green file.

Rejected on Survey Sheet 1928. Said to be 8 inches low.

* Trans from C. James 1. in 1928

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

RAINFALL at DARWEN (HIGHER HILL) *County of C. LANCASHIREObserver Col. J. R. Davidson, C.E.River Basin I - Ribble & C.Lt. Col. F. Herbert, C.E.

Type of Gauge.....

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

660603/26

Diameter								8"			
Height								1'6"			
Altitude								733'			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January								4.69	4.62	2.43	
February								1.52	3.86	2.45	
March	Station previously numbered 3008 - renumbered owing to revision of w/c division lines - 4/39.							1.29	2.08	2.54	
April .....								.53	2.94	2.81	
May								4.29	1.85	.92	
June								4.59	3.33	.83	
July								4.39	6.14	5.45	
August								3.07	2.90	2.48	
September								2.21	1.58	4.32	
October								7.92	2.08	4.42	
November								5.71	6.53	6.27	
December								4.72	2.67	4.19	
TOTALS								44.93 N.P.	40.58 N.P.	39.11 N.P.	

* Gauge overexposed on Moor (B.R.)
1938 not printed.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.

RAINFALL at Darwen (Higher Hill)*County of Central LancashireObserver Col. J. R. Davidson, C.E.River Basin Ribble-Douglas-2Lt. Col. F. Hilbert, C.E.

Type of Gauge.....

Annual Average 28.8 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 660603/26

Diameter	4.										
Height	1.4.	1.	6.								
Altitude	733.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.32	4.46	2.84	3.30	2.18	4.39	3.07	4.69			
February	4.13	2.3	3.14	3.0	5.08	2.97	5.08	1.52			
March	.92	2.71	2.84	2.44	1.09	2.87	2.38	1.29			
April	3.23	2.87	1.65	3.30	3.07	1.09	3.40	.53	Station renumbered 2944/5 owing to revision of wire dis. lines 4/30.		
May	2.31	4.46	2.05	3.66	1.58	.83	2.41	4.39			
June	6.04	.99	2.28	1.78	2.74	3.83	1.72	4.59			
July	3.84	3.96	3.00	1.75	1.98	4.29	1.88	4.39			
August	5.71	1.68	3.04	4.98	1.65	3.00	3.23	3.07			
September	4.13	5.61	1.22	3.30	7.53	3.73	1.75	2.21			
October	2.74	7.46	4.39	5.71	7.53	3.99	2.38	7.92			
November	7.23	3.07	2.28	2.34	4.82	5.78	2.11				
December	1.85	1.75	.66	6.34	3.40	4.13	2.11				
TOTALS	46.55	39.15 W	29.39 W	39.20 W	42.65 W	41.10 W	31.52 W				

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

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

RAINFALL at Danvers (Higher Hill)Station No. T.F. 2944/5

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County of Co. LancashireObserver Lt Col. F. Hibbert C.E.River Basin Ribble & C. - 1

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average RefFile No. 6406 03/26 F3285/45

Diameter	8"										
Height	1'6"										
Altitude	733										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.49	4.74	5.71								
February	4.72	2.18	2.71								
March	3.53	3.27	1.09								
April	1.32	2.11	2.21								
May	2.41	3.30	3.27								
June	.53	.99	3.37								
July	2.84	5.21	2.64								
August	6.11	5.02	6.35								
September	1.29	3.37	4.49								
October	4.46	6.80	3.83								
November	2.84	1.16	3.23								
December	2.69	3.23	2.38								
TOTALS	34.21 w.p.	42.14 m.p.	41.28 n.p.								

1941 n.p. low.

1942 n.p. low

1943 n.p. low

site abandoned

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