

# RAINFALL AT *Rivington, Gamekeepers (60)*

Lat. *53° 41' N.*

Lon. *2° 33' W.*

County of *Lancashire*

Rain Gauge, by

Observer

*Liverpool Corporation*  
(*for J. Barry*)

Diameter.....												
Height.....												
Altitude.....						<i>850</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>41.82</i>	<i>45.84</i>	<i>64.65</i>	<i>46.47</i>	<i>44.32</i>		

from sundial table

70

RAINFALL AT *Rivington* Gamekeeper's (New)

Lat.  $53^{\circ} 41' N$

Long.  $2^{\circ} 33' W$

County of *Lancashire*

Rain Gauge, by

Observer *Liverpool Corporation*  
*per J. Barry C.E.*

Diameter. . . . .												
Height. . . . .												
Altitude. . . . .									<i>850</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>1528</i>	<i>113.25</i>		

RAINFALL AT Livingston, Gamekeepers (old)

Lat. 53°40'59" N.

Lon. 2°32'40" W.

County of Lancashire

Rain Gauge, by

Observer Liverpool Corporation

Ribble - Douglas 2

Geo. J. Barry CE

Diameter ....												
Height .....												
Altitude ....	<u>850</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>45.11</u>	<u>51.01</u>										

*See next page*

RAINFALL AT Livingston, Gamekeepers' (New)Lat. 52° 40' 59" NLon. 2° 32' 40" WCounty of Lancashire

Rain Gauge, by .....

Observer

Liverpool CorporationRibble - Douglas 2(per 9 barrells)

Diameter ....											
Height .....											
Altitude ....	<u>850</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>111.29</u>	<u>119.40</u>	<u>53.61</u>	<u>47.62</u>	<u>39.11</u>	<u>39.62</u>	<u>48.11</u>	<u>30.97</u>	<u>40.56</u>	<u>111.55</u>	



from Banked Table.

# RAINFALL AT Rivington, Gamekeepers (Hbd.) (New)

Lat.  $53^{\circ} 40' 59''$  N.

Long.  $2^{\circ} 32' 40''$  W.

County of Lancashire

Rain Gauge, by

Observer

Ribble - Douglas 2

Liverpool Corporation  
(per G. Harry C.E.)

Diameter . . .												
Height . . . . .												
Altitude . . . .	850											
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 . . .	48.29	49.67	45.75	41.43	46.81	40.14	45.75	48.56	44.20	43.44	45.43	44

# RAINFALL AT

*Rivington Jamkeepers*

Lat. ....

Lon. ....

County of *San Carlos*

Rain Gauge, by .....

Observer *J. Parry, Jr. C.E.*

*Douglas 2*

Diameter ..				8							
Height ....				0 8							
Altitude ..				850							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.30	2.96	5.40	6.65	3.98	2.23	6.13	2.47	3.72	2.74	3.958
February ..	3.93	2.14	3.22	4.48	4.74	2.43	4.25	2.66	4.25	1.81	3.391
March ....	.66	3.95	3.42	5.14	2.89	3.85	4.11	3.79	3.55	3.53	3.489
April .....	2.74	3.12	3.04	2.30	3.32	3.32	2.30	2.17	2.56	4.74	2.961
May .....	2.31	1.11	3.95	3.85	2.24	1.15	4.25	4.31	3.62	2.90	2.969
June .....	2.44	2.47	1.71	1.90	2.73	2.60	2.37	9.16	2.14	4.03	3.155
July .....	2.90	2.00	5.17	4.15	2.00	3.49	2.86	3.62	5.57	6.70	3.846
August ....	5.54	3.36	2.96	6.59	5.14	4.41	4.18	5.83	4.25	4.52	4.678
September ..	3.63	1.15	2.73	6.19	1.48	3.39	1.70	1.31	5.76	3.04	3.038
October ....	7.36	4.74	5.50	9.79	4.02	4.84	7.32	3.52	2.13	6.57	5.579
November ..	4.46	6.06	3.13	4.15	4.05	5.63	4.15	3.55	4.02	2.01	4.121
December ..	6.17	5.07	4.02	3.46	4.21	1.44	5.61	4.61	2.50	7.23	4.432
TOTALS ..	<del>48.44</del>	38.13	44.25	55.65	40.80	38.78	49.23	47.00	44.07	49.82	45.62

*Records previous to 1903 not printed in "B.R."*  
 1900-1902. Monthly totals read XII. 08. Entered IX. 09  
 1900. Original total altered to sum of monthly amounts.

+ Inspected

RAINFALL at Rivington JamkeeperCounty of Central LancashireObserver J. Harry E. C.E.River Basin Pibble-Douglas 2J. R. Davidson E. C. E. 1915

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

Diameter ...	8											
Height .....	0 8											
Altitude ...	850 $\pi$											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	5.68	1.67	3.40	4.27	3.53	6.00	3.56	3.07	2.97	5.05		<i>Totals</i> 76.78 14.95
February ...	4.55	4.78	2.14	1.74	3.30	6.62	2.93	1.41	5.38	1.12		10.84
March .....	1.16	2.10	7.03	5.61	5.51	2.09	1.73	2.54	1.91	4.99		11.17
April .....	3.68	3.79	.89	5.64	1.48	2.51	4.12	2.34	1.35	2.94		10.75
May .....	4.50	3.88	2.51	4.68	2.37	1.61	3.60	1.81	2.47	1.67		9.55
June .....	3.43	3.99	6.34	3.39	2.08	2.18	4.05	2.90	2.87	2.73		12.55
July .....	6.27	.46	5.71	1.65	5.51	4.42	3.17	2.51	3.96	1.97		11.61
August .....	7.36	4.32	8.41	2.97	3.49	5.80	3.50	7.03	4.91	4.65		20.09
September ..	.77	4.79	2.90	2.45	4.49	1.02	3.79	2.97	12.73	2.87		22.36
October ...	4.06	3.53	5.36	2.31	3.20	2.08	9.17	8.77	4.68	3.50		26.12
November ..	5.68	4.69	3.88	5.84	6.33	1.55	3.20	5.72	2.77	3.30		14.99
December ...	5.13	8.22	4.15	3.72	6.36	7.42	3.43	2.73	9.53	7.69		23.38
TOTALS ...	52.27	46.22	52.72	44.27	47.65	43.30	46.55	43.80	53.53	42.48		188.36 32.66

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



RAINFALL at Livingston, Gamekeeper'sCounty of C. LancashireObserver Col. J. R. Davidson C.E.River Basin Pibble-Douglas 2Lipson NW

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

Diameter ...	9												
Height .....	0.9												
Altitude ...	850												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930		
January ...	4.88	7.70	3.72	5.21	5.76	3.28	5.62	5.08	11.40	2.05	6.44	57.17	TOTALS
February ...	3.66	3.36	5.47	7.26	1.20	7.54	4.85	2.04	4.95	1.22	.40	38.95	
March .....	4.45	3.79	2.74	2.03	1.85	2.13	1.98	5.27	3.43	1.62	2.97	32.26	
April .....	5.90	2.60	2.80	4.25	2.03	2.97	1.84	3.34	1.48	1.22	2.44	30.89	
May .....	8.05	(2.96)	2.27	4.39	6.17	5.19	3.56	1.74	1.42	3.40	2.08	41.23	
June .....	3.13	1.02	3.96	1.63	3.89	.39	2.95	5.05	6.83	2.02	3.70	34.57	
July .....	6.60	2.64	5.84	5.67	5.84	3.32	4.18	4.52	3.27	4.52	6.60	53.00	
August .....	2.77	7.62	5.44	6.67	8.38	4.09	3.92	6.96	7.75	6.44	8.71	62.75	
September...	3.92	2.37	5.54	5.22	5.08	5.10	5.41	6.96	1.55	2.44	3.47	47.06	
October .....	1.53	3.56	6.9	7.29	5.04	5.69	3.86	4.52	5.52	4.89	6.90	52.79	
November...	2.37	3.20	4.08	6.37	2.87	4.24	7.75	5.64	6.99	8.12	7.19	58.82	
December...	2.70	6.83	5.38	5.44	6.13	2.89	1.94	1.45	3.33	8.85	4.98	47.72	
TOTALS...	49.96	(44.65)	47.93	61.43	52.26	46.83	47.86	52.57	58.22	49.82	55.88	567.41	

1921 May 6 (estimate)

18/11/28 Inspected by Mr Colson see green file.

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	Parish Church.	Distance from gauge	Direction



## RAINFALL at Rivington (Gamekeeper's)

County of Central LancashireObserver Cel. J. R. Davidson, S.E.River Basin Ribble-Douglas-2Rt. Col. F. Hilbert C.E.

Type of Gauge.....

Annual Average 45.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 5

660603/26

Diameter	8.											
Height	0.8.	1.	1.									
Altitude	850.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.84	5.45	3.27	3.63	2.81	4.62	3.56	5.08	5.12	2.68		Total 42.06
February	4.92	7.3	3.33	3.6	6.20	2.81	5.68	1.75	4.55	2.61		32.34
March	9.6	3.04	3.20	2.77	1.49	3.20	2.11	1.82	2.24	2.90		23.73
April	3.93	3.40	2.01	3.4	3.66	1.19	3.80	.69	3.20	2.81		27.83
May	2.54	5.02	2.11	4.19	1.45	1.29	2.54	4.46	1.55	1.06		26.21
June	7.06	9.6	2.67	2.44	3.17	4.59	2.24	5.12	3.56	.83		32.64
July	4.46	4.39	3.73	2.24	2.18	4.98	2.57	5.45	7.03	5.61		42.06
August	5.78	1.72	3.99	5.71	1.82	2.81	2.51	3.40	2.81	3.23		33.78
September	4.19	6.93	1.22	3.96	7.92	4.49	2.31	2.57	1.82	4.92		40.33
October	3.17	8.45	5.12	6.30	9.01	5.31	2.41	9.74	2.34	4.98		56.83
November	8.61	3.80	2.56	2.54	5.15	6.67	2.21	6.50	7.46	7.49		53.19
December	2.90	2.01	.66	6.57	3.70	4.92	2.34	5.48	3.00	5.05		36.63
TOTALS	54.36	45.30	33.87	43.85	48.56	46.88	34.28	52.06	44.88	44.17		448.21
	W	W	W	W	W	W	W	W	W	W		448.21

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.

Station No. T.F. 3005RAINFALL at Rivington (Gamekeeper's)

41

County of Central Lancashire

Observer

L. Col. F. H. B. C. E.River Basin Little Donkey - 2Type of Gauge Detached 11/50Annual Average 45.4 in. based on 3.5 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 660603/26 E3285/45

Diameter	8"			576	190							
Height	1' 1"				1			1' 0"				
Altitude	850'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.88	5.10	5.74	6.01	(4.60)	4.85	4.49	9.31	3.10	3.63		Total 48.71
February	5.74	2.29	3.33	2.21	5.38	6.07	(2.20)	2.71	3.04	5.38		38.35
March	3.63	3.40	1.35	.92	1.82	.96	7.83	2.31	2.51	2.57		27.30
April	1.85	2.38	2.74	2.41	2.48	1.60	3.80	2.44	4.55	3.37		27.62
May	2.94	3.60	3.60	5.28	3.53	1.68	3.10	2.28	3.63	2.01		31.68
June	.59	1.02	4.00	3.83	4.95	3.73	3.17	5.81	1.68	3.27		32.05
July	3.04	6.40	3.23	4.55	2.87	5.28	3.73	3.04	3.07	4.62		39.86
August	7.10	5.18	8.02	3.91	2.61	9.21	.26	6.04	3.30	9.84		55.47
September	1.52	4.39	5.74	7.53	2.87	8.32	5.12	3.37	3.17	8.95		50.98
October	5.35	8.88	4.92	5.97	6.80	1.55	1.16	3.33	5.41	4.20		47.57
November	3.10	1.42	4.32	7.33	.56	6.83	6.37	2.61	6.44	7.80		46.78
December	3.24	4.62	2.81	4.59	3.53	5.68	4.13	4.46	6.50	4.50		44.09
TOTALS	40.04	48.68	49.80	54.54	42.00	55.76	45.36	47.71	46.40	60.14		490.46
	W	W	W	W	W	W	W	W	W	W		1950

1945 Jan. part col'd.

1947. Feb. and Jan. snow

\* 1950 new octupent, 1st July/50.

40004

20004

430.32

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 3005

P. 38

RAINFALL at *Livingston (Garnkhuysen)*

51

County of *Central Lancashire*Observer *Liverpool Corp. W. H.*River Basin *Ribble Douglas - 2*Type of Gauge *Potential*Annual Average *45.4* in. based on *35* years obs. un-weighted.Period of average *1881-1915*Ref. *S**48.41* " " *35* " " *1916-1950*File No. *E 320/145 P 23261/55*

Diameter ...	8"	576	190	5"		8"					
Height ...	1' 1"	1						11"			
Altitude ...	850'	51									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	5.25	4.45	2.50	5.15	2.55	5.75	3.60	5.00	3.25	6.35	43.85
February ...	3.95	1.80	1.80	3.55	2.30	.85	3.35	8.30	.98	3.95	30.83
March ...	4.98	2.48	2.35	3.35	2.10	1.85	4.10	2.50	1.99	1.43	27.13
April ...	2.67	4.00	3.65	1.25	3.15	3.05	.50	1.77	3.30	3.05	26.49
May ...	2.57	2.47	2.86	3.55	4.00	1.82	2.50	5.38	2.13	2.29	29.57
June ...	1.55	4.65	3.10	4.35	4.05	2.90	2.38	4.95	2.57	1.58	32.08
July ...	3.98	3.30	5.35	7.85	1.20	6.10	7.55	4.00	6.18	9.38	54.89
August ...	5.12	5.96	5.50	7.65	1.10	14.90	7.05	4.75	.35	5.70	58.07
September ...	3.70	5.45	5.65	5.60	4.95	4.32	9.45	5.60	.48	4.12	49.32
October ...	1.25	5.32	2.40	9.75	3.25	2.85	7.45	5.45	5.30	4.15	47.17
November ...	9.87	3.30	6.40	8.20	2.95	1.50	2.75	2.25	6.35	7.68	51.25
December ...	10.85	4.65	2.15	7.00	6.68	4.64	6.15	5.12	10.15	4.90	62.29
TOTALS ...	55.74 M	47.82 M	43.71 M	67.35 M	38.28 M	50.53 M	56.83 M	55.07 M	43.03 M	54.58 M	512.94

1956 Rain too but accept.

July 1959 P.M. of. record. Slightly over-exposed SW-SE-NE. from Livingston (Garnkhuysen) (See note report) and

Position of Station on Ordnance One-Inch map :

No. of Map *10095*National Grid Reference *52(34) 440297*

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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