

RAINFALL AT Morecambe

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

Mr T. B. Lamb

Kent & Co.

Diameter										8	
Height										10	
Altitude										24	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						# 2.68	.68	3.45	4.30		
February						1.51	2.44	2.50	2.34		
March						5.73	4.40	.89	1.79		
April						1.87	2.17	2.35	3.46		
May38	1.65	2.36	2.48		
June						2.52	3.56	2.26	1.38		
July						4.29	.94	.26	3.35		
August						3.08	3.95	5.47	1.31		
September						5.70	4.29	1.50	4.29		
October						4.27	2.18	4.09	2.93		
November						1.62	5.13	3.80	2.96		
December						4.93	5.40	3.52	2.84		
TOTALS						38.58	36.79	32.45	33.43		

Holy Trinity Church 1/2 mile S E
Rails 4 ft high 24 ft

RAINFALL AT Morecambe

Lat. $54^{\circ} 4' 21''$ Lon. $2^{\circ} 52' 19''$ County of Lancashire North
Rain Gauge, by Observer Mr T.B. Lamb

Kent 3

Diameter ..	8										
Height ..	1.0										
Altitude ..	247										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.30	1.77	2.01	3.86	5.33	2.17	4.95	2.72	4.94	3.04	3.509
February ..	3.09	1.35	1.02	3.42	4.06	1.91	2.87	2.42	2.72	3.49	2.635
March ..	1.49	3.21	2.41	4.54	2.99	2.72	3.34	4.84	3.27	3.40	3.121
April ..	2.20	1.62	1.39	1.76	3.50	3.28	1.53	2.28	2.65	3.51	2.372
May ..	2.34	.82	2.70	3.19	2.98	1.36	5.80	5.47	3.95	1.99	3.005
June ..	2.57	1.48	.79	1.88	1.33	2.36	2.42	8.09	2.59	1.98	2.549
July ..	2.22	1.83	3.19	3.53	1.37	1.49	2.11	4.24	3.71	6.81	3.050
August ..	4.80	2.87	2.90	5.89	2.59	5.27	4.49	4.04	5.73	3.66	4.224
September ..	2.01	.94	1.15	6.83	2.22	3.33	1.09	.88	5.17	3.02	2.664
October ..	7.05	3.83	4.32	9.12	3.22	3.23	6.98	5.77	2.31	7.75	5.358
November ..	3.63	4.15	2.82	3.97	3.14	4.08	4.06	4.67	5.82	2.11	3.875
December ..	5.08	4.17	3.45	3.85	3.77	1.29	4.09	5.89	4.46	10.70	4.675
TOTALS ..	39.78	28.04	28.15	51.84	36.45	32.49	43.53	51.31	47.32	51.46	41.05

D D D D D

H.W.

1901 Holy Trinity Church $\frac{1}{4}$ mile E S E1903 Midland Station $\frac{100}{400}$ yards W S

Iron Rails 4 ft high 10 ft all round

1905 St Mary Church $\frac{3}{4}$ mile E W 1909 Midland Station 600 yards S 1907

RAINFALL at Morecambe

County of North Lancashire

Observer Mr J.B. Lamb

H.H. Wright 1918.

River Basin Kent & C 2

Met off Rain Gauge, by

1/1/18

Diameter ...	8	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height	1 0											
Altitude ...	24 ft											
January ...	6.03	1.86	3.50	4.88	2.60	4.37	2.85	2.17	4.10	4.80		
February ...	7.14	4.81	2.92	2.57	3.49	4.37	2.98	1.53	3.66	1.46		9.63
March	1.44	1.58	7.99	4.27	4.05	1.67	1.27	1.85	1.57	4.66		9.35
April	2.35	2.82	.69	5.70	.95	2.43	2.23	1.22	1.14	1.57		6.16
May	1.53	1.69	1.56	2.18	2.13	1.41	3.51	2.28	2.56	1.55		9.90
June	2.00	2.50	5.43	1.99	1.02	.86	2.00	2.67	1.97	1.51		8.15
July	3.97	.92	4.97	1.27	4.17	3.79	1.97	9.07	4.29	.72		8.05
August	6.48	3.85	5.56	1.85	2.59	3.50	6.45	8.19	3.50	4.09		22.23
September ..	.44	4.44	1.72	3.40	3.01	.57	2.72	3.27	9.13	2.01		17.13
October ...	2.47	5.49	5.11	3.38	2.10	.97	5.80	8.44	4.02	2.52		17.75
November ..	5.99	5.80	5.71	4.09	4.65	1.77	3.10	4.29	2.09	2.42		11.90
December ...	4.83	7.70	4.26	2.52	5.34	6.50	2.70	1.92	6.97	5.49		17.08
TOTALS ...	44.67	43.46	49.42	38.10	36.10	32.21	37.58	35.87	45.00	32.80		151.25
	7	7	7	7	7	7						50.66

1912 Iron Rail 5 ft high 12 ft all round

1913 New gauge 1/1/18

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
54.4.24	2.52.19		Midland	200 yds	WSW	Holy Trinity	3/4 m	E

RAINFALL at Morecambe

County of N. Lancashire)

Observer Mr. J. B. Lamb dues $\frac{1}{2}$

River Basin Lent & c 3

H. Moogans, Esq. (1927)

Met. Office) Rain Gauge, by _____

Sanitary Inspector

1920 Iron Rail 5 ft high 12 ft all round

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
1920	62° 4' 21"	2° 52' 19"	Midland	200 yds	S W	Holy Trinity	3/4 min	E

RAINFALL at Morecambe

M.W.R.

County of North Lancashire

Observer H. Morgan, Esq.

River Basin Kent & C - 3

The Town Clerk

Type of Gauge M.G. No 72 Standard 1924

Chief Sanitary Inspector

Annual Average 37.2 in. based on 34 years obs. un-weighted. Period of average 1931-1940 Ref. S

Diameter	8.										
Height	1.0.										
Altitude	23.	25	23								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.75	4.68	3.11	4.87	1.77	3.52	2.34	5.07	3.83	2.28	Totals 35.92
February	3.79	1.05	3.41	1.15	4.85	1.38	6.10	1.43	2.70	1.72	24.58
March	1.7	2.75	3.01	2.06	1.29	1.71	1.65	1.28	1.66	3.59	19.47
April	1.90	2.52	2.06	3.29	2.96	1.48	3.17	1.34	2.33	1.90	21.25
May	1.92	5.11	2.76	4.29	1.34	1.97	2.08	3.58	1.82	1.79	25.66
June	6.79	2.59	2.01	1.65	3.77	3.18	2.91	4.14	3.59	.37	30.70
July	4.53	4.86	6.25	1.94	1.55	2.93	1.94	4.26	5.88	3.38	35.01
August	3.87	1.36	2.75	3.93	2.96	2.98	2.27	2.47	1.81	1.20	23.60
September	2.53	4.41	1.76	4.40	8.38	6.30	2.06	1.32	1.41	4.33	36.80
October	3.51	5.24	5.68	6.05	6.10	2.95	1.91	8.67	.97	5.49	46.57
November	7.62	3.16	1.79	1.47	4.53	5.36	1.73	5.88	4.84	4.70	41.08
December	3.74	2.83	1.67	5.28	2.87	5.77	2.46	4.40	2.47	4.45	34.94
TOTALS	45.42	39.66	34.27	38.98	42.37	38.53	30.22	42.84	32.31	35.20	377.28
D	D	D	D	D	D	D	D	D	D	D	

so X 31. Inspected see green file. Inspected 21/10/32. Height above M.S.L. 60 23.5 ft.

26/7/33. Inspected by M.O. Inspector. Site satisfactory

1932 July corrected by observer.

17/6/35 Inspected by M.O. Inspector. Site satisfactory. Altitude given as 23.5 ft.
and airily as Chief San. Inspector. ✓

+ Correction of 23.5-39

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Macclesfield

41

County of North Lancashire Observer The Town Clerk.River Basin Kent & E - 3Type of Gauge SnowdonAnnual Average 37.0 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. E 7058/148

Diameter	<u>8"</u>			<u>583</u>	<u>949</u>							
Height	<u>10'</u>					<u>1</u>						
Altitude	<u>23'</u>					<u>111</u>						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	.51	3.78	5.61	4.58	3.51	3.99	3.42	6.93	2.13	1.69		Totals.
February	3.90	1.59	2.00	1.40	3.89	3.13	.78	2.12	2.02	4.03		36.15
March	2.37	2.07	1.09	.50	2.44	.89	5.48	2.20	2.09	2.18		24.86
April	1.19	1.61	2.29	3.00	1.67	1.21	3.82	1.27	3.35	2.55		21.31
May	2.84	2.83	4.05	2.91	2.63	1.21	3.59	1.34	2.47	1.02		21.94
June	.36	1.06	2.11	2.90	3.79	3.29	2.95	5.16	3.6	2.14		24.12
July	1.02	3.73	4.66	3.05	2.47	4.49	3.51	1.82	3.76	3.36		31.87
August	3.60	4.11	6.39	2.90	.79	4.35	.58	4.19	2.97	6.19		36.07
September	1.26	3.82	4.73	5.10	3.83	5.87	3.54	5.12	1.34	7.57		42.17
October	6.43	4.21	5.16	4.45	4.85	.40	.27	2.39	5.30	4.03		37.49
November	1.96	.87	3.38	6.09	.08	5.95	5.32	3.55	4.45	4.87		36.52
December	1.67	4.84	1.82	3.11	2.82	4.91	2.10	2.90	5.76	2.27		32.20
TOTALS	27.08	34.52	43.29	39.99	32.77	39.69	35.36	38.99	36.00	41.90		369.59
	D	D	D	D	D	D	D	D	D	D		

New gauge removed after inspection.
Inspected by Mr. W. J. Grassick 24.9.48 New plot for enclosure adapted 10.47, 60 yds E of old site. Enclosure 25' square. Rafter sheltered SW, S, SE.
8" gauge serviceable but dented. New site under consideration in Happy Mount Park 300 yds inland.

Existing 8" gauge repaired 10.11.48

Inspected 22.9.49 by F.E. Lamb. Site satisfactory except for boarding left high 12 ft from gauge which was recommended to be removed. Gauge 8" is now measure advised, as old one broken at top, though still serviceable.

Observer re-inspecting and new one to be appointed.

14.3.50 New certified reading in use.

1950 Inspected 19/6/50 Sales.

327.6%

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	Parish Church.	Distance from gauge

Station No. 3034

M.W.R.
(274) 51

RAINFALL at Morecambe

County of N Lancashire

Observer The Town Clerk

River Basin Kent 6-3

Type of Gauge Snowden New 20.554

Annual Average 37.0 in. based on 34 years obs. un-weighted. Period of average 1881 - 1915 Ref. S & A.W.S.
 38.38 " " 35 " 1916-1950 P
 File No. E 7058/48

Diameter ...	8	583	949	5"			8"				
Height ...	1'	0"		1							
Altitude ...	23'		51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means-Total
January	4.13	3.89	2.01	3.34	2.06	3.06	4.06	4.02	2.44	5.64	34.65
February	2.99	1.07	1.06	3.17	2.42	2.26	3.16	5.31	1.34	3.48	24.26
March	3.86	2.34	1.49	2.36	1.11	1.07	2.50	1.61	2.05	1.46	18.85
April	1.64	3.27	2.98	1.04	2.51	1.16	1.49	1.41	2.17	3.12	19.79
May	1.47	2.34	1.84	2.62	3.11	2.20	3.06	3.86	2.02	2.18	24.70
June	1.28	4.35	1.54	4.20	3.56	1.70	1.88	3.54	4.24	1.24	27.53
July	2.24	1.35	3.87	4.63	1.78	4.37	3.28	2.57	3.68	5.71	33.48
August	3.75	4.15	3.45	4.66	1.63	9.71	4.23	3.70	.33	5.25	40.86
September	3.42	3.35	4.33	7.45	2.90	2.74	5.82	4.48	.60	3.82	38.91
October	1.10	3.49	1.80	8.72	2.09	2.43	6.57	4.84	3.77	2.90	38.77
November	7.14	1.96	5.20	6.56	1.87	1.48	1.53	1.53	4.17	7.74	39.18
December	8.56	4.30	2.35	4.69	4.71	4.11	4.38	3.64	7.79	4.50	49.03
TOTALS ...	44.58	36.86	30.92	53.44	29.75	35.29	40.96	40.51	34.60	47.10	390.01

Imp. M.C.U. Smith 24.6.53. Present good level gauge in poor. New gauge recommended. 8-58. Council refers to 2nd New gauge + 1st original old one.

+ New gauge installed 20.5.56.

Inv 18-10-57 H-Holgate G-Sound. Site sat.

Inv. 16-6-59 G.S. Andersen Eq. - Satisfactory but bottle required cleaning.

Position of Station on Ordnance One-Inch map :	No. of Map	National Grid Reference SD (3.4) 4711645				
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
	✓ D 10-14, 19	✓	✓	✓	✓