

RAINFALL AT Morecambe

Lat. _____

Lon. _____

County of

Lancashire

Rain Gauge, by _____

Observer

W. I. B. LambKent & Co.

Diameter									8		
Height								1	0		
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 SE
 Rails 4 ft high 24 ft

RAINFALL AT Morecambe

Lat. 54° 4' 21"

Lon. 2° 52' 19"

County of Lancashire North

Rain Gauge, by

Observer Mr J.B. Lamb

Kent 3

Diameter ..	8										
Height	1.0										
Altitude ..	244 T										
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
March49	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	2.90	1.36	5.00	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	6.82	2.22	3.23	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	4.36	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	41.03

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1901 Holy Trinity Church $\frac{1}{4}$ mile E
 1903 Midland Station $\frac{100}{400}$ yards W
 Low Rails 4 ft high 10 ft all round
 1905 St. Mary's Church $\frac{3}{4}$ mile W
 Midland Station $\frac{200}{600}$ yards S

Hub

RAINFALL at MoscambeCounty of North LancashireObserver Mr F.B. LambH. H. Wright 1918River Basin Kent + C 2Met off 11/14 Rain Gauge, by _____

Diameter ...	8												
Height	1	0											
Altitude ...	24	7											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	6.03	1.86	3.50	4.88	2.60	4.37	2.85	2.17	4.10	4.80			Totals 16.72 13.92
February ...	7.14	4.81	2.92	2.57	3.49	4.37	2.98	1.53	3.66	1.46			7.63
March	1.44	1.58	7.99	4.27	4.05	1.67	1.27	1.85	1.57	4.66			7.35
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			7.90
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	7.07	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	5.44	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			151.25 184

1912 In Rain 5 ft high 12 ft all round
 1913 New gauge 11/14

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 MorecambeCounty of N. LancashireObserver Mr. L. B. Lamb dis. 1927River Basin Plant & C. O.H. Morgans, Esq. (1927)

Met. Office Rain Gauge, by

Sanitary Inspector.

Diameter ...	9											
Height	1 0											
Altitude ...	244											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930	
January ...	3.60	6.02	3.43	4.27	3.72	2.99	4.16	3.94	9.33	1.80	5.10	Totals. 48.56
February ...	2.48	2.6	3.95	4.64	6.7	4.44	4.59	2.79	4.78	.93	2.6	29.99
March	4.77	3.50	2.02	.97	1.82	1.28	1.53	3.15	2.88	.87	1.91	24.70
April	4.22	1.34	1.66	2.96	1.60	2.56	1.56	2.03	1.60	1.39	1.84	22.76
May	3.91	2.28	2.44	2.59	5.30	4.86	2.30	1.92	1.13	1.98	1.08	29.79
June	1.97	.34	2.73	.70	2.51	.45	2.87	3.17	6.31	1.41	1.28	23.77
July	4.78	1.22	4.44	4.08	3.13	3.15	3.98	3.61	4.32	2.91	3.15	38.77
August	2.16	6.73	4.49	5.85	3.61	3.22	3.54	6.66	6.15	5.44	5.51	53.36
September...	2.53	1.87	3.76	4.11	5.20	3.93	3.99	6.81	2.72	2.54	2.23	37.62
October	1.16	2.64	.94	6.55	4.06	4.42	3.78	3.19	5.44	5.23	7.61	45.02
November...	1.95	2.35	2.02	5.25	2.10	2.29	6.13	4.38	6.57	8.03	4.70	45.83
December...	2.89	4.80	4.62	4.39	6.08	2.48	1.36	1.10	3.68	7.11	4.34	42.85
TOTALS...	36.62	33.35	36.50	46.36	39.86	35.97	39.79	42.75	55.71	39.70	39.01	445.02 48.56
	D	D	D	D	D	D	D	D	D	D	D	

1920 Iron Rails 6 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	54° 4' 21"	2° 52' 19"	Midland	200 yds	SW	Holy Trinity	3/4 mi	E

RAINFALL at Moresambie

M.W.R.

County of North LancashireObserver H. Morgan's Esq.River Basin Kenroc - 3No 2000 ft. alt.Type of Gauge M.P. No. 70

Chief Sanitary Inspector

The Town Clerk.Annual Average 37.2 in. based on 34 years obs. un-weighted. Period of average 1881-1914 Ref. S

Diameter	8											
Height	1.0											
Altitude	23		25	23					+ 24	23		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.75	4.68	3.11	4.57	1.77	3.52	2.34	5.07	3.83	2.28		Totals 35.92
February	3.79	.05	3.41	.15	4.85	1.38	5.10	1.43	2.70	1.72		24.58
March	.47	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	.48	3.17	.34	2.33	1.90		21.25
May	1.92	5.11	2.76	4.29	1.34	1.97	2.08	3.58	.82	1.79		25.66
June	6.79	2.39	2.01	1.55	3.77	3.18	2.91	4.14	3.59	.37		30.70
July	4.53	4.86	3.74 6.25	1.94	1.55	2.93	1.94	4.26	5.88	3.38		35.0
August	3.87	1.36	2.75	3.93	2.96	2.98	2.27	2.47	1.81	1.20		25.60
September	2.53	4.41	.76	4.40	8.38	6.30	2.66	1.32	1.41	4.33		36.50
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	.67	5.28	2.87	5.77	2.46	4.40	2.47	4.45		34.94
TOTALS	45.42	39.66	31.75 34.24	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.		42.1

30.8.31. Inspected see green file. Inspected 21/10/32. Height above M.S.L. is 23.5 ft.

26/7/33. Inspected by M.O. Inspector. G. & site satisfactory

1933 fully corrected by observer.

17/6/35 Inspected by M.O. Inspector. G & site satisfactory. Altitude given as 23 1/2 ft. and agreed as Chief San. Inspector. ✓

+ Catchment of 23.5.39

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

Station No. MR 3034RAINFALL at Marsden

41

County of North Lancashire Observer The Town Clerk.River Basin Kent & E - 3Type of Gauge StandardAnnual Average 37.0 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. E 7058/48

Diameter	8"			583	949						
Height	1'0"				1						
Altitude	23'				41						
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	
February	3.90	1.59	2.00	1.40	3.89	3.13	.78	2.12	2.02	4.03	
March	2.37	2.07	1.09	.50	2.44	.89	5.48	2.20	2.09	2.18	
April	1.17	1.61	2.29	3.00	1.67	1.21	3.82	1.27	3.35	2.55	
May	2.34	2.83	4.05	2.91	2.63	1.21	3.59	1.34	2.47	1.02	
June	.36	1.06	2.11	2.30	3.79	3.29	2.95	5.16	3.6	2.14	
July	1.02	3.73	4.66	3.05	2.47	4.49	3.51	1.82	3.76	3.36	
August	2.60	4.11	6.39	2.90	.79	4.35	.58	4.19	2.97	6.19	
September	1.26	3.82	4.73	5.10	3.83	5.87	3.54	5.12	1.34	7.57	
October	6.43	4.21	5.16	4.45	4.85	.40	.27	2.39	5.30	4.03	
November	1.96	.87	3.38	6.09	.08	5.95	5.32	3.55	4.45	4.87	
December	1.67	4.84	1.82	3.11	2.82	4.91	2.10	2.90	5.76	2.27	
TOTALS	27.08	34.52	43.29	39.99	32.77	39.69	35.36	38.99	36.00	41.90	
	D	D	D	D	D	D	D	D	D	D	

Totals.
36.15

24.86

21.31

21.94

24.89

24.12

31.87

36.07

42.17

37.49

36.52

32.20

369.59

(12) Gauge removed on 11/1/48

Inspected by Mr W. J. Grassick 24.9.48 New plot for enclosure adapted 10.4.7, 60 yds E of old site. Enclosure 25' square. Radar sheltered S.W., S.E. 8" gauge serviceable but dented New site under consideration in Happy Mount Park 300 yds inland. New 5" gauge recommended

Existing 8" gauge repaired 10.11.48

Inspected 22.9.49 by Mr F. E. Lamb. Site unsuitable for existing 8" gauge. Recommended to be removed. Gauge 8" is. Please measure advised, as old one indicated top, though still serviceable. Observer resigning and new one to be appointed.

14.3.58 New official feature in use.

1960 inspected 18/6/60 satis.

32.76 6.9

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. 3034

m.w.R. 51
(24)RAINFALL at MorecambeCounty of N. LancashireObserver The Town ClerkRiver Basin Kent C-3Type of Gauge Snowdon New 20.5.54Annual Average 37.0 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. S & A 538.38 " " " 55 " " 1916-1950File No. 2 70.55/48 P

Diameter ...	8"	5.83	9.49	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	.26	3.16	5.31	1.34	3.48	24.26	
March ...	3.86	2.34	.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	.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	4.71	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 D	35.86 D	30.92 D	53.44 D	29.75 D	35.29 D	40.96 d	40.51 d	34.60 D	47.10 D	390.01	

Wsp. H.C.V. 24.6.53. Airline good but gauge in poor. New gauge recommended. B.S.B. Covid refers H to new gauge + new repaired old one.
 New gauge installed 20.5.54.

On 18.10.57 H. Holgate G. Sound. Site sat.

Insfp. 16.6.54 G.S. Ransden Esq. - Satisfactory but bottle required cleaning.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD(34) 421645

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
	✓ D 10-14, 19	✓ ✓	✓ ✓	✓ ✓	