

RAINFALL AT Blackpool Met Observatory

Lat. Lon. County of N. Lancashire

Md off Partition Rain Gauge, by Halliwell Observer F. H. Garret Esq. M.A.

Wyre 5 New Gauge

Diameter ..				5							MEANS.
Height ..				10							
Altitude ..				67 ft							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..					3.70	1.55	4.31	1.36	2.14	1.92	
February ..					3.77	1.35	3.28	1.50	1.93	.94	
March					2.25	2.67	2.59	2.60	2.36	2.70	
April					2.22	2.57	1.08	1.67	2.87	2.86	
May					1.94	.58	3.90	2.81	2.85	2.13	
June					1.22	2.04	1.35	5.48	2.30	2.14	
July					1.31	1.56	1.92	2.56	4.50	4.81	
August					2.87	3.82	2.98	3.61	3.52	2.97	
September ..					3.64	2.78	.94	.83	3.94	3.00	
October					2.41	2.76	5.25	4.11	2.54	4.92	
November ..					2.85	4.45	2.22	3.21	3.05	1.23	
December ..					2.68	.83	2.84	3.61	2.48	5.94	
TOTALS ..					30.86	26.96	32.76	33.35	34.48	35.46	

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1904 New Gauge erected Jan 1st at New Observatory about 1200 yards NE
of old gauge.

St. Johns Church 1/2 mile S

Blackpool Station 200 yards ENE

1906 Church Ground 1/4 mile W

Birkenhead Station 300 yard E

+ Impeached

RAINFALL at Blackpool Meteorological Observatory

County of North Lancashire

Observer E. R. Penruddock, M.D.

River Basin Wyre & S.

Met off Rain Gauge, by H + 3

Diameter ...	5	Height	10	Altitude ...	67 ft	Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1910-19
January ...	3.72	.98	3.86	4.30	1.75	4.10	1.58	2.04	3.43	4.26	11.31						
February ...	3.48	3.18	1.85	1.48	2.46	3.45	2.92	1.25	3.26	1.34	8.77						
March	1.04	.99	4.91	3.30	3.27	1.20	1.88	2.40	1.43	4.74	10.45						
April	1.71	2.29	.41	3.75	.67	2.30	2.44	1.48	1.25	1.47	6.64						
May	1.77	1.39	1.80	2.31	2.28	1.10	2.80	2.55	2.71	1.42	9.48						
June	2.50	2.61	4.46	1.99	1.07	1.17	1.62	2.45	1.34	1.30	6.71						
July	3.78	.68	5.01	1.36	4.80	3.10	1.17	.96	3.91	1.45	7.49						
August	4.31	3.39	4.45	1.79	2.22	4.05	2.00	6.89	3.25	4.03	16.17						
September ..	.40	3.72	1.10	3.22	3.05	.49	2.59	2.34	8.92	2.16	16.01						
October ...	2.69	2.94	4.58	3.18	1.72	1.67	4.58	6.27	3.34	3.50	17.69						
November ...	5.16	3.30	2.66	4.07	4.33	1.88	2.96	3.49	2.21	1.82	10.48						
December ...	2.70	5.65	3.42	1.94	5.06	6.68	2.12	1.57	6.86	5.85	16.40						
TOTALS ...	38.26	31.12	38.51	32.69	32.68	31.19	28.66	33.69	41.91	33.34	137.60						

1912 Buildings 12 ft high 20 yds N

+ Impacted

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 47'	3° 3' W	Bognor	300 yds	ENE	Christ Church near St. Marks	1 1/4 m. 300 yds	W ESE

RAINFALL at Blackpool Meteorological Observatory

County of N. Lancashire

Observer E. W. Rees-Jones Esq M.D.

River Basin Wyre & C 5

(H. S. 1924)

Met. Office Rain Gauge, by Net &
Snowdon.

Diameter ...	5"	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEDIAN 1920-1929	1920-1929
Height	1.0												
Altitude ...	67												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			
January ...	3.29	5.36	3.75	2.64	3.02	2.27	3.48	3.17	7.19	1.71	5.04	4112	
February ...	2.18	3.32	3.39	4.27	1.84	4.07	3.91	2.02	3.41	.98	.43	2582	
March	4.37	2.60	1.76	1.31	1.53	.97	1.31	2.61	2.39	.76	2.61	2222	
April	4.37	1.74	1.72	2.92	1.68	2.13	.97	1.07	1.34	.91	1.47	2032	
May	4.29	1.73	2.99	1.89	5.18	5.02	2.64	1.65	0.99	1.86	1.02	2926	
June	2.39	.37	1.93	.54	2.16	.27	2.09	2.59	5.38	1.23	1.24	2019	
July	5.14	1.64	4.90	4.27	3.95	2.91	4.13	2.80	2.60	2.27	3.31	3792	
August	1.57	6.40	6.98	6.02	3.94	2.82	3.50	5.89	4.95	3.92	7.88	5197	
September...	3.36	1.48	3.65	3.48	5.23	4.35	3.42	5.80	1.38	1.96	2.19	3630	
October.....	1.47	1.72	6.7	4.73	4.32	4.87	4.37	3.26	5.48	5.14	5.13	4118	
November...	1.60	3.13	2.19	4.82	1.70	2.42	6.08	4.59	6.39	6.48	4.89	4429	
December...	2.58	4.37	4.17	4.33	5.31	2.13	.98	1.47	2.98	6.81	4.71	3984	
TOTALS...	36.81	29.86	38.12	41.22	38.86	34.23	36.88	36.92	43.58	34.03	39.92	410.43	
	D	D	D	D	D	D	D	D	D	D	D		

1920. Observatory building 12 ft. high 207° N.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 49'	3° 3'	Bispham	400 yds	ENE	Blackpool	1/4 mi WSW

RAINFALL at Blackpool (Met. Observatory)

County of North Lancashire

Observer E.W. Rees-Jones, Esq., M.D.

River Basin Wyre & S.

Medical Officer of Health.

Type of Gauge M.O.

Annual Average 33.4 in. based on 25 years obs. un-weighted. Period of average 1921-1940 Ref. Box N

Diameter	5.					5"					
Height	1.0.					1.0					
Altitude	67.					65'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.46	4.34	2.22	3.19	1.80	3.61	2.38	3.77	3.81	2.60	3124
February	2.98	.05	3.00	.05	3.54	2.21	5.02	1.13	2.28	1.86	2212
March	1.39	2.18	2.29	1.96	.98	1.86	1.36	1.37	2.14	2.70	1725
April	2.14	2.76	1.61	2.13	2.25	.95	3.07	2.44	2.51	1.93	1959
May	1.55	4.70	2.02	3.48	1.25	.75	1.80	2.79	.76	1.95	2105
June	7.37	1.29	1.48	2.14	3.50	4.15	2.25	4.06	3.01	.51	3006
July	3.08	1.09	1.95	3.07	.65	2.42	1.97	3.61	5.01	3.32	2918
August	3.66	1.43	3.17	4.13	2.04	2.45	2.02	3.90	2.25	1.25	2600
September	2.51	4.46	0.66	5.00	6.16	4.35	2.02	1.53	1.44	2.85	3098
October	2.51	5.30	4.86	4.95	5.72	2.19	2.78	7.19	1.66	4.15	4133
November	6.83	2.51	2.04	1.98	4.38	4.01	1.52	5.04	4.34	5.32	3799
December	2.69	2.05	0.86	5.12	2.71	4.97	2.42	3.69	2.46	3.26	3023
TOTALS	39.92	89.17	85.16	26.15	37.50	34.98	33.63	28.62	28.32	31.79	31.70
	D.										

Inspected 20/10/32. Flat bottomed measure

28/7/33 Inspected by R.O. Inspector. Instruments and site very good.

Impaired 20/9/34. g. in poor order except for leak in outer can. Proposed to transfer site to 16 Sunken Rose gardens, Stanley Pk during

Inspected 17.6.34. as at previous inspection 20/9/34

Inspected 14.5.56. All instruments had been moved to new site by April 1957.

Gauge moved 1 m.s. April 1957

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. 3055

RAINFALL at Blackpool (Stanley Park) (+A) (M.W.R. 234) 41

County of North Lancashire Observer Medical Officer of Health

River Basin Wyre S.E.S.

Type of Gauge M.O.

Annual Average 33.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 1916-1950 Ref. B. of N. P

File No.

Diameter	5"	577	467							P
Height	1' 0"		1							100
Altitude	65'		41							166 feet 3
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	1.56	4.34	5.39	4.04	2.39	4.27	3.26	6.99	2.12	1.68
February	3.80	1.48	1.75	1.23	4.07	3.66	.76	1.95	1.38	4.21
March	2.66	2.57	.63	.52	1.43	.97	5.13	1.61	1.98	1.64
April	.82	1.60	2.19	2.88	1.83	1.21	3.39	1.28	2.98	(2.35)
May	2.51	3.15	3.59	2.51	3.09	1.89	4.40	1.65	9.68	(1.00)
June	.28	.93	2.12	2.43	3.15	2.49	2.85	4.48	.51	(1.55)
July	1.01	3.98	5.06	2.78	2.33	4.53	2.47	2.06	2.58	(2.80)
August	2.65	3.77	5.37	3.30	.93	3.80	.53	3.66	2.45	(6.80)
September	1.46	2.38	4.80	5.13	3.47	4.83	4.03	4.60	.84	(6.40)
October	4.26	3.75	4.93	3.75	5.10	.57	.49	3.58	5.69	(2.65)
November	2.08	1.00	3.13	6.12	.10	4.97	3.80	2.57	3.62	(3.65)
December	1.09	3.51	1.94	3.28	2.27	3.96	2.78	2.74	5.00	(3.10)
TOTALS	24.22	32.46	40.90	37.37	30.16	37.15	33.89	37.17	32.03	37.83
	D	D	D	D	D	D	D	D	D	D

Highest July total recorded 6.35 in 1888 at Clifton Church.

August " 8.10 in 1891 at Blackpool (South Shore)

4.10 49. Disputed Mr F. E. Lupton. Gauge & instrument exposure good.

305.95

There is a 'Hydrograph' in operation at Blackpool

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map Reference No. SD 323360

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