

2808/5

RAINFALL AT Formby (Hightown)

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer R.W. Eaton Esq.

Alt ac-1

Diameter					5						
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					1.99	2.93	.95	1.29	2.08	3.69	
February					3.41	.20	.89	2.11	2.15	1.16	
March					1.82	2.17	4.09	2.57	.84	1.21	
April .....					.97	1.48	.85	2.57	1.71	2.45	
May					2.40	1.07	.30	1.22	3.27	1.93	
June					2.03	.41	2.05	4.14	2.86	1.17	
July					1.36	2.74	4.03	1.09	.33	1.95	
August					3.27	2.54	2.49	5.34	4.17	1.32	
September....					.57	1.11	3.98	3.27	1.71	3.57	
October.....					3.63	5.11	4.68	1.13	2.65	2.03	
November....					2.72	2.10	1.55	1.51	2.74	1.41	
December					3.18	2.17	3.89	2.59	2.20	2.64	
TOTALS . . .					27.35	24.62	29.75	28.82	26.71	24.53	

Back years 1894-1936 received 19.x.37.

RAINFALL at Farnley (Hightown)

County of Lancashire

Observer R. W. Eaton Esq.

River Basin Alt. 4.5 - 1

Type of Gauge.....

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

Diameter											
Height											
Altitude											
Year	1900 1901	1901 1902	1902 1903	1903 1904	1904 1905	1905 1906	1906 1907	1907 1908	1908 1909	1909 1910	Means
January	2.64	2.11	2.10	2.24	3.14	1.15	3.60	1.23	2.33	2.53	
February	3.46	1.32	2.00	2.13	3.81	1.23	2.73	1.59	3.25	1.21	
March	2.33	2.27	2.02	2.86	1.54	3.06	2.35	2.10	3.41	2.67	
April	1.64	.86	1.39	1.79	1.44	2.06	.87	1.01	2.55	3.78	
May	1.60	1.20	2.59	3.07	1.22	.59	2.94	1.99	2.72	1.36	
June	2.74	1.60	1.88	1.89	1.70	1.76	1.45	5.77	1.87	4.09	
July	.82	1.58	2.53	1.77	.75	2.33	1.26	2.74	3.20	5.10	
August	5.97	2.96	1.75	4.31	2.96	2.57	2.88	3.42	2.92	4.61	
September	1.14	.96	.94	4.42	1.67	1.68	1.56	.75	4.25	3.01	
October	4.29	3.66	3.02	6.49	2.32	2.13	5.18	4.08	2.09	4.30	
November	3.23	3.77	1.52	2.70	1.88	3.73	1.98	3.26	2.88	1.44	
December	2.93	3.42	2.60	1.61	2.82	.85	3.47	3.45	2.72	7.34	
TOTALS	32.79	25.71	24.34	36.28	25.25	23.14	30.27	31.39	34.19	41.44	

Back yrs. 1894-1926 received 19.x.37. (The records 1909-1911 may be too big)

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 Fornby (Hightown)County of LancashireObserver R.W. Eaton Esq.River Basin Alt. & C-1

Type of Gauge

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

Diameter												
Height												
Altitude												
Year	1910 1931	1911 1932	1912 1933	1913 1934	1914 1935	1915 1936	1916 1937	1917 1938	1918 1939	1919 1940	1910-19 Means Totals	
January	3.97	1.12	5.78	2.48	1.57	3.63	1.40	1.64	2.48	3.28	8.80	
February	3.27	2.27	1.59	.94	1.65	2.70	2.81	1.21	2.75	1.12	7.89	
March	1.13	1.80	4.25	3.29	2.99	1.45	1.69	2.27	.73	4.91	9.60	
April	2.38	2.37	.62	3.18	.62	1.66	1.92	2.81	1.36	1.53	7.62	
May	3.25	.82	1.61	2.45	1.77	1.20	2.25	2.69	3.36	1.40	9.70	
June	4.16	3.50	3.54	2.67	1.72	1.20	1.71	1.61	1.56	1.26	6.14	
July	4.21	.86	2.18	2.42	4.68	2.83	1.17	1.31	4.02	1.85	8.35	
August	4.69	3.71	7.28	3.34	2.01	4.04	1.62	5.76	2.33	3.28	12.99	
September .....	.64	6.07	1.82	2.63	3.47	1.28	2.98	2.36	7.64	2.16	15.14	
October	3.16	2.82	4.24	2.31	1.66	1.38	5.42	6.13	2.68	2.89	17.12	
November	7.57	3.38	2.11	3.21	3.01	2.15	2.08	3.37	1.65	1.70	8.80	
December	3.33	6.15	2.47	2.27	5.30	5.37	1.80	1.68	5.41	4.78	13.67	
TOTALS	41.76	34.87	37.49	31.19	30.45	28.89	26.85	32.84	35.97	30.16	125.82	41.76

✓ Back years 1894-1936 received 19.2.37. (the records 1909-1911 may be lost)

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, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Farnley (Hightown)County of LancashireObserver R.W. Eaton Esq.River Basin Wharfedale

Rain Gauge, by

Diameter	5											
Height												
Altitude												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1928-30 Total
January	3.34	3.41	3.22	2.01	2.80	1.69	2.51	3.54	5.30	1.52	4.42	33.76
February	2.65	1.65	3.49	3.50	1.52	4.60	2.65	1.29	2.95	1.81	1.52	23.62
March	4.21	2.27	1.18	1.40	1.12	1.78	1.60	2.75	1.72	1.18	2.90	20.11
April	4.08	1.27	1.51	2.16	1.79	1.91	1.14	1.65	1.79	1.86	3.09	20.25
May	3.22	2.05	1.12	3.24	3.64	4.07	3.10	1.72	1.38	1.70	1.98	25.22
June	3.23	1.41	1.75	1.54	4.34	1.12	1.46	3.18	4.22	1.35	1.75	22.39
July	5.56	1.01	4.27	2.59	4.55	3.04	3.54	2.85	1.43	2.21	4.03	35.11
August	2.09	4.32	3.33	3.33	5.12	2.54	2.86	4.55	3.73	4.37	5.96	42.20
September	2.56	1.63	3.16	3.10	3.96	4.69	4.19	4.19	1.14	1.67	3.18	33.47
October	1.84	2.90	1.47	3.01	4.61	3.61	3.70	2.67	3.50	4.96	4.33	36.20
November	1.41	2.72	1.99	3.54	2.10	2.75	4.75	4.41	4.99	5.15	5.73	39.54
December	2.16	3.27	4.02	4.25	4.19	2.41	1.10	1.99	2.55	5.08	3.88	37.90
TOTALS	36.40	25.91	29.51	33.27	38.74	32.21	31.59	32.79	33.70	30.96	40.77	365.81

Back years 1894-1936 received 19.2.37.

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 Fornby (Highton)County of LancashireObserver R. W. Eaton Esq.River Basin Alt. & L.Lancashire County Council *

Type of Gauge.....

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

579.03/36

Diameter	5											
Height	1	0										
Altitude												
Year	1981	1982	1983	1984	1985	1986	1987	1988	1989	1940	Means Totals	1921-50 Totals
January	2.87	3.03	1.84	2.00	1.56	4.33	2.24	3.09	4.91	2.82	28.69	
February	2.72	.05	2.33	.14	2.76	2.24	4.79	.98	2.28	2.43	20.72	
March .....	.59	1.92	1.87	1.35	.91	1.80	1.75	1.20	1.71	2.03	15.13	
April	2.25	2.73	1.32	1.64	2.02	.93	2.93	.21	2.30	1.84	18.17	
May	2.46	4.11	1.94	2.27	1.39	.64	2.22	3.11	1.45	2.54	22.13	
June	5.25	.44	1.48	1.92	2.77	3.51	1.80	3.68	3.55	.63	25.03	
July	3.07	4.64	1.52	1.20	1.74	3.17	1.70	2.96	5.91	4.22	30.13	
August	5.01	1.53	1.79	2.78	3.14	1.51	1.46	4.28	1.44	.97	23.91	
September	3.08	3.81	1.09	2.06	5.86	3.50	2.07	2.22	.91	2.84	27.44	
October	2.30	6.86	3.23	4.12	5.05	2.20	2.32	6.44	2.27	3.94	38.75	
November	5.53	2.01	1.53	2.44	3.30	3.87	1.68	4.24	4.81	5.39	34.50	
December	1.35	1.77	.66	3.76	3.16	3.23	1.96	3.80	3.74	2.59	26.02	
TOTALS	36.48 n/v	32.92 n/v	20.60 n/v	25.68 n/v	33.66 n/v	30.93 n/v	26.92 n/v	36.21 v	34.98 d	32.24 d	310.62	446

Back years 1894. 1926 received 19.1.37.

1. 1937 n/v late.

Inspected 19.9.38 - Gauge sound but situated on ground sloping down to north to R. Alt.

* Per hand Drainage Engineer.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
	53° 32'	3° 4'	Alcock Ryle Range Station	500 yds ESE	Fornby Power Station	1300 yds N

RAINFALL at High Town Farmby (Highland) Station No. T.F. 2808/5 41County of Lancashire Observer Lancashire County Council*River Basin Alt. & B. - 1 Messers River Basin (15.7)

Type of Gauge.....

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

File No. 549013/26

Diameter	5"		568	594							
Height	1'0"			1							
Altitude				41	25'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	1.59	4.11	3.66	4.00	2.18	4.29	2.53	6.22	2.65	1.28	32.51
February	3.45	1.37	1.70	1.42	3.21	4.69	.83	1.82	1.32	4.36	24.22
March	2.92	2.73	.59	.77	.99	.85	4.49	1.15	2.23	1.29	18.01
April	1.56	1.57	1.51	2.54	1.94	1.07	2.91	1.35	2.57	2.61	19.63
May	1.43	3.39	3.12	1.75	3.87	1.92	4.25	1.90	2.52	.80	25.25
June	.38	.25	2.26	1.93	2.56	3.50	2.50	3.80	.69	1.32	19.19
July	1.75	2.92	4.55	2.65	3.73	4.29	3.54	2.16	1.79	2.62	30.00
August	3.10	5.25	4.52	2.67	1.58	4.70	.23	3.69	2.06	5.90	33.79
September	.84	2.34	3.58	5.80	2.15	3.83	2.81	2.64	.77	5.47	30.23
October	4.25	2.51	4.05	3.77	4.02	.71	.75	2.65	1.20	2.53	29.44
November	2.09	.86	2.16	5.77	.25	4.88	3.50	2.23	4.44	4.23	30.71
December	1.10	3.17	1.76	2.37	2.68	3.59	2.04	3.37	5.14	3.32	28.54
TOTALS	24.76 d	30.47 d	33.46 d	35.44 d	29.16 d	38.32 d	30.43 d	32.98 d	30.68 d	35.73 d	321.42 926

* Per Land Drainage Engineer for Messrs. River Basin (Land)

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	Parish Church.	Distance from gauge.	Direction

BRITISH RAINFALL ORGANIZATION

RAINFALL at Formby (Hightown)

County of *S. Lancashire*

Observer Lancashire County Council

River Basin Alt 46-1

Mersey River Board 4/51

Type of Gauge.

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

Ref. E-16297 / 53

32.10 = " " 35 " " 1916-1950

1916-1950
File No. 579012/34 E672/43

Diameter ...	5"			568	594						
Height ...	1' 0"				1						
Altitude ...	25'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means T-240
January ...	2.88	3.28	1.25	2.83	2.67	3.82	2.03	2.73	3.11	4.83	29.43
February ...	2.46	.84	1.11	3.50	2.26	.33	2.22	4.59	.24	2.18	19.73
March ...	4.50	1.68	.98	2.38	1.62	1.30	2.11	1.46	1.50	1.65	19.18
April ...	1.41	1.93	2.08	1.10	1.62	2.16	.32	.90	2.36	1.33	15.21
May ...	2.90	2.08	1.96	2.55	2.62	1.11	1.59	3.37	1.93	2.29	22.40
June ...	.81	1.76	1.58	3.23	3.22	1.31	1.22	3.22	3.24	0.94	20.53
July ...	1.66	1.23	2.22	3.48	.85	4.20	3.63	3.83	3.42	4.16	28.68
August ...	5.12	2.08	3.73	3.78	1.21	11.71	4.10	3.49	.61	3.65	39.48
September ...	2.40	4.15	3.69	3.97	2.27	2.99	5.04	3.74	.45	2.75	31.45
October ...	.90	3.33	1.40	5.99	2.23	2.13	3.34	2.98	3.00	3.00	28.80
November ...	4.40	2.44	3.82	6.58	1.34	1.67	1.16	1.71	4.93	5.93	36.98
December ...	5.23	3.65	1.57	3.39	3.62	2.48	2.60	3.35	5.38	3.26	34.43
TOTALS ...	37.67 D	28.35 D	28.39 D	42.78 D	25.53 D	35.21 D	29.36 D	35.37 D	30.17 D	35.97 D	325.80

1951. Above fence 5' at 6' 6" branching. Thul' 12' at 30' S. Branches 15' at 40' W.
 Transposed July 1986. Mr. Deal. Orange sand, near road. Site on ^W bank of
 River alt. of fence 8' 58". Reservoir, etc in nearby garden or move to site behind
 hut.

Re Land Drainage Engineer

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 36/296044

[illegible]

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ —	✓ —	✓ d 37, 39, 40 38	✓ ✓	