

RAINFALL AT *Carlisle*  
*Castle Bar Road*

Observer.....*Charles Jones*.....

Local Board Mat<sup>l</sup> Dep't.

Rain { By.....

Gauge {.....

Diameter.....*5*.....in.

Height above Ground, *7* ft. *1* in.

Above Mean Sea Level *120* ft.

1 - Shanes - Colver & Bent.

YEAR.....	MEANS.
January.....	<i>2.83</i>
February .....	<i>2.34</i>
March .....	<i>1.31</i>
April.....	<i>1.72</i>
May .....	<i>3.42</i>
June.....	<i>1.15</i>
July .....	<i>.91</i>
August.....	<i>1.55</i>
September....	<i>3.98</i>
October .....	<i>1.11</i>
November.....	<i>2.37</i>
December.....	<i>2.86</i>
TOTALS .....	<i>25.54</i>

Gauge sunk on lawn. There is an Elm tree about 30 ft high 25 ft E, the dwelling house 30 ft N, from SE to N is entirely open 9 A.M. for previous day, grass always kept cut very short.

60  
70

## RAINFALL AT Ealing Castle Bar Road

Lat..... 51° 3' N Lon..... 0° 1' 20" W. County of... Middlesex

..... Rain Gauge, by..... Observer Lehniger Jones

1 - Shallow Colne &amp; Bunt.

Diameter .....	.5										
Height .....	.1									2.3	
Altitude .....	120		100							134	
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	89			4.28 + 29	1.29	3.69					
February .....	1.59			1.98 + 40	1.40	1.18					
March .....	2.08			1.97 - 48	48	.63					
April .....	-17			1.36 + 19	1.19	1.37					
May .....	.86			3.04 - 65	.65	1.49					
June.....	.59			2.60 - 23	3.23	2.37					
July .....	.52			1.76 - 87	.87	4.48				# 4.29	
August.....	2.36			1.62 + 35	1.35	.80				5.26	
September.....	1.51			1.81 + 68	1.58	1.92				2.92	
October.....	+ 2.97			4.37 + 40	4.04	3.98				.75	
November.....	1.28			2.95 - 34	2.31	3.18				.62	
December.....	2.88			4.26 + 47	1.47	1.21				.73	
TOTALS.....	17.70			31.00 + 986	19.86	26.30				-	

C C

1870 There is an Elm Tree 30 ft. high about 25° E NNE about 30 ft. N from S E N the exposure is entirely open  
 1876 no reply

1879 Gauge moved to Local Board Offices about 300 or 400 yards S.

## RAINFALL AT Ealing Fennymerre Castlebar Road

Lat. ....

Lon. ....

County of Middlesex

1 - Thames Colne &amp; Brent Rain Gauge, by

Observer T. Simpson

Diameter ....										5	
Height ....										1 0	
Altitude ....										152	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....										·92	·83
February .....										·31	2·04
March .....										3·46	1·49
April .....										2·07	1·94
May .....										1·22	3·14
June .....										1·86	2·85
July .....										3·31	3·64
August .....										2·56	1·89
September .....										1·47	1·54
October .....										1·34	3·05
November .....										3·90	·94
December .....										3·44	1·27
TOTALS .....										25·86	24·62

*MC Reuter for average value*

Annual average = 25.0 used in London Survey.

Local Board Office 80  
RAINFALL AT Castlebar Road, Galway

Lat. ....

Long. ....

County of Middlesex

Rain Gauge, by

Observer C. Jones, Esq.

1 - Shanes - Collected at

Diameter	5										
Height	27.0	7.6									
Altitude	134 ft	85									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	.39	1.40	1.21	2.49		1.35	3.17	1.30	.73	1.36	
February	2.30	2.61	1.39	3.68		2.36	.62	.58	.72	1.28	
March	.69	2.12	.98	.71		1.08	1.24	1.82	3.33	1.33	
April	1.70	.59	3.10	1.29		2.74	1.26	.93	2.40	1.94	
May	3.22	1.16	1.00	1.59		2.20	3.66	1.58	1.05	3.33	
June	2.10	1.68	2.64	1.44		1.40	.92	.90	2.00	2.57	
July	4.81	1.89	2.68	2.20		.31	2.60	.67	4.80	2.88	
August	.56	4.42	1.51	1.02		.93	.79	3.54	2.94	1.53	
September	3.87	2.10	2.70	3.22		4.08	2.07	2.16	1.40	1.51	
October	5.25	2.25	5.05	1.74		3.37	2.22	1.47	1.21	3.69	
November	1.72	2.44	2.52	2.59		2.87	2.45	2.90	3.73	.71	
December	2.10	2.45	2.28	.63		.99	3.41	1.24	1.87	1.27	
TOTALS	26.79	25.11	27.66	22.60	inches not exact	23.08	24.41	19.09	26.18	23.40	

1880. Christ Church. 800 feet distant W.

1885 Parapet wall 1 ft. qm. high 3 ft. N.

1889 Christ Church 250 yards E

Stable outbuildings 30 feet high 25 feet W

Annual average rejected from Survey as 1° does.

# RAINFALL AT Ealing Local Board Office

Lat.

Lon.

County of Middlesex

Rain Gauge, by

Observer

C Jones Esq C.E.

1. Shanes - Colne &amp; Brent.

Diameter ....	5										
Height .....	7.6		9.0								
Altitude ....	85		114								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	2.29	1.56	.49	1.31	2.69	1.61	.73	1.83	.85	2.54	1.590
February .....	.62	.00	1.46	2.61	1.67	.13	.28	2.52	1.21	1.98	1.248
March .....	1.94	1.29	1.00	.34	1.58	1.33	3.37	3.41	1.27	.46	1.599
April .....	1.19	1.07	.69	.18	1.45	1.71	.59	1.70	1.27	2.42	1.224
May .....	1.20	2.27	1.31	.89	1.36	.44	.20	1.79	2.09	1.21	1.276
June .....	2.85	1.12	2.73	.66	2.10	.31	2.03	3.17	1.33	1.83	1.819
July .....	4.76	2.98	1.61	2.33	2.72	2.95	1.16	.50	.39	1.19	2.059
August .....	1.44	4.07	2.86	1.21	2.93	3.26	2.39	3.00	.49	.89	2.264
September....	.67	1.14	2.04	1.20	1.16	1.03	5.68	2.37	.40	2.61	1.890
October....	.97	5.80	3.22	3.85	3.01	2.55	2.52	.64	3.09	1.88	2.753
November....	1.73	2.06	2.29	1.74	2.94	2.36	1.11	.96	1.86	3.80	2.085
December....	.69	3.30	1.13	2.23	2.06	1.01	3.34	2.10	2.34	1.20	1.940
TOTALS .....	20.35	26.66	20.83	19.55	25.67	18.69	23.37	23.99	16.59	22.01	21.671

1890 Christ Church 250 yards E  
 Stable Buildings 30ft high 25ft W

Annual average = 23.0. Rejected from survey as 1° low.

RAINFALL AT Ealing Fennymore, Castlebar Road

Lat.

Lon.

County of

Middlesex

Rain Gauge, by

Observer

J. Simpson Esq

1- Thames Colne & Brent.

Diameter ....	5										
Height .....	10										
Altitude ....	152										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	2.37	2.10	.43	1.38	2.83	1.93	.93	2.01	.93	2.32	1.723
February .....	.73	.07	1.35	3.04	1.92	.12	.37	2.93	1.46	2.38	1.427
March .....	1.88	1.34	.72	.43	1.80	1.38	3.48	3.64	2.41	.60	1.768
April .....	1.20	.96	.83	.19	1.55	2.08	.67	1.67	1.54	2.49	1.218
May .....	1.08	2.49	1.27	.91	1.35	.85	.20	1.37	2.34	1.37	1.323
June .....	2.15	1.34	2.75	.99	2.18	.38	1.76	2.99	1.35	2.01	1.790
July .....	5.54	2.53	1.16	2.27	3.01	4.58	1.31	.42	.59	1.24	2.265
August .....	1.48	3.91	2.77	1.21	2.98	4.60	2.52	2.92	1.14	.79	2.432
September....	.49	1.70	2.81	.91	1.27	1.22	6.46	2.58	.54	2.72	2.070
October.....	1.03	6.08	2.74	4.01	4.89	3.51	2.65	.64	3.51	2.04	3.060
November....	1.77	2.07	2.40	2.08	3.27	4.24	1.28	1.14	2.15	3.98	2.438
December....	.18	3.43	1.23	2.41	2.30	2.17	3.98	2.42	2.52	1.08	2.172
TOTALS . . .	19.90	28.02	20.46	19.83	28.86	27.06	25.61	24.73	20.48	23.02	23.776

*Not Received from Surveyor on Order*

Annual average = 25.0 used in London Survey.

RAINFALL AT Ealing Public Buildings, Longfield Avenue

Lat. .... Lon. .... County of Middlesex

Rain Gauge, by

Observer C. Jones Esq C.E.

1 - Shamer - Colne & Brent.

Diameter ..	5										
Height ..	9	0									
Altitude ..	114										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.95	.63	.55	2.12	2.48	1.14	3.72	.82	1.89	.77	1.707
February ..	4.14	1.25	1.01	.76	2.24	.69	1.76	1.14	1.31	.37	1.467
March ..	.87	1.75	1.76	2.19	1.34	3.34	1.02	.98	2.47	2.54	1.821
April ..	1.07	1.72	.49	1.81	1.07	1.52	.64	3.38	2.22	1.90	1.582
May ..	1.05	.70	2.24	3.21	2.31	.60	1.38	1.64	1.40	1.88	1.641
June ..	1.98	1.51	3.70	6.02	.76	4.37	2.47	2.86	2.25	3.20	3.912
July ..	1.02	1.57	1.25	4.64	1.75	.75	1.28	2.22	2.68	3.08	2.024
August ..	2.66	1.72	3.65	4.25	1.81	2.92	.53	1.88	2.66	1.26	2.334
September ..	.60	1.13	1.40	3.34	1.46	1.44	1.77	.63	1.15	2.46	1.538
October ..	1.71	1.58	1.36	5.90	1.51	1.48	3.17	3.54	2.03	3.44	2.572
November ..	1.81	.19	1.71	1.59	1.91	2.64	3.81	1.99	.64	.69	1.698
December ..	2.63	3.05	1.40	1.44	1.96	.66	2.26	3.38	2.10	2.44	2.132
TOTALS ..	22.49	16.80	20.52	37.27	20.60	21.55	23.81	24.41	22.80	24.03	23.428

5

Aut

1906 Christchurch Ch 1/2 mile S.E.  
GWR Station 35° E

N.B. Recorded from Survey as 1" low.

RAINFALL AT *Ealing, Castle Bar Road, Tennymore Hill*

Lat. .... Lon. .... County of *Middlesex* ....

Rain Gauge, by .....

Observer .....

*J. Thompson Esq.*

1 - Shallow Gutter & Basin.

Diameter ..	5										
Height ....	1	0									
Altitude ..	152					7			7		
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.20	.69	.78	2.13	2.55	1.24	3.85	1.03	2.33	.82	1.862
February ..	3.86	1.29	1.03	.92	2.57	.70	1.89	1.86	1.55	.35	1.552
March ....	.92	1.83	1.89	2.25	1.41	3.44	1.22	1.20	3.05	2.69	1.990
April .....	1.20	1.91	.48	1.90	1.04	1.66	.63	3.79	2.68	1.87	1.716
May .....	1.08	.82	2.24	3.59	2.41	.47	1.43	1.81	1.77	1.84	1.746
June .....	2.00	1.50	3.10	5.81	.66	4.28	2.80	2.73	2.33	3.54	2.875
July .....	1.01	1.64	1.23	4.74	1.72	.59	1.02	2.13	2.78	3.19	2.005
August .....	2.81	1.79	3.46	4.48	1.93	2.87	.83	2.19	2.50	1.36	2.422
September ..	.54	1.24	1.18	3.45	1.46	1.67	1.79	.69	1.37	2.67	1.606
October .....	1.86	1.87	1.38	6.40	1.12	1.31	3.52	4.34	2.23	3.71	2.774
November ..	1.93	.49	1.62	1.68	2.01	2.90	4.20	2.37	.66	.72	1.858
December ..	2.80	3.19	1.43	1.68	1.91	.86	2.41	3.70	2.21	2.52	2.271
TOTALS ..	23.21	18.26	19.82	39.03	20.79	21.99	25.57	27.34	25.46	25.28	24.650

1903 St Stephens Church 500 yards S.W.

Ealing Station 8 1/2 Ealing 2/3 miles S.E.

House 40' high 50' distant N

Annual average = 25.0 used in London Survey.

## RAINFALL at Earley Longfield Avenue

County of Middlesex

Observer C. Jones Esq C.E. Died 24/8/13 aged 80

River Basin Thames - Colne &amp; Brent 1 WR Hicks Esq C.E.

Copper Snowdon Rain Gauge, by Basella

diam { 4.95  
5.00  
4.96  
4.97 } glass by Aitchison { .50-.51  
.50-.508  
.50-.505  
.50-.503  
.50-.504  
.51-.510 }

Diameter ...	5										MEANS.
Height .....	9	v									
Altitude ...	114										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	1.77	1.35	3.32	2.23	.48	3.44	.94	1.14	1.70	3.51	
February ...	3.04	1.46	1.47	.70	2.29	2.75	2.87	.92	.87	2.52	
March .....	.95	1.38	3.11	2.17	3.73	.82	3.95	2.03	.89	3.02	
April .....	1.26	1.75	.08	2.72	.59	1.14	1.00	2.44	3.22	2.80	
May .....	1.97	2.36	1.14	1.94	1.56	3.70	1.65	2.68	1.84	.44	
June .....	3.71	2.11	3.01	64	1.67	.62	2.04	2.66	1.38	1.20	
July .....	2.58	1.59	1.39	1.82	1.70	4.68	1.39	5.06	4.93	2.57	
August .....	2.95	.60	5.51	1.13	1.56	2.63	4.24	3.97	1.78	2.12	
September ..	.43	1.49	2.09	1.62	1.01	2.00	1.58	1.04	6.25	1.44	
October ...	2.36	2.93	2.26	3.06	1.23	1.89	3.60	3.26	1.32	.44	
November ..	2.53	3.60	1.43	1.98	2.49	1.92	3.81	1.35	2.18	1.36	
December ...	3.37	4.50	2.96	.83	5.96	5.01	2.80	1.81	2.12	3.88	
TOTALS ...	26.92	25.12	27.77	20.87	24.27	30.60	29.37	28.96	28.58	25.30	

Quite close to Avenue Lodge, Gordon Road.

N.B. Rejected from Survey as 1<sup>st</sup> low.

+ Inspected es. 18.V.13 On low roof, behind parapet. Building all round. g. in wooden box & v. loose.  
Bad exposure (will be fixed)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.30.45	0.18.25W						

RAINFALL at Ealing Castle Bar HillCounty of MiddlesexObserver Julia Limpson EsqRiver Basin Thames. Chesh. Brent

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

Diameter ...	5									
Height .....	10									
Altitude ...	152 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	1.76									
February ...	2.99									
March .....	.97									
April .....	1.23									
May .....	1.91									
June.....	3.62									
July .....	2.49									
August.....	3.23									
September ..	.42									
October ...	2.53									
November ..	2.83									
December ...	3.36									
TOTALS ...	27.84									

Annual Average = 25.0 used in London Survey.

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

RAINFALL at Ealing Longfield Avenue

County of Middlesex) Observer W. P. Hicks Esq C.E.

River Basin Thames, Colne &amp; Brent - Borough Environs Surveyor.

Copper Standard Rain Gauge, by Casella

Diameter ...	5"										
Height .....											
Altitude ...	114										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.13	2.08	2.41	1.12	2.28	1.25	2.41	1.53	3.05	.95	2.29
February ...	.46	.12	2.06	2.66	.38	2.72	2.25	3.34	1.20	.38	.51
March .....	1.12	1.04	1.26	2.04	.73	.40	.09	2.07	1.15	.20	1.24
April.....	2.75	.94	2.69	1.35	2.89	1.70	2.98	1.64	1.21	.98	1.66
May .....	3.04	1.23	.61	1.58	2.81	2.04	1.69	1.09	2.00	1.36	2.61
June .....	2.29	.19	.95	.20	1.95	.04	2.92	2.61	2.29	1.23	2.82
July .....	4.50	.19	2.86	3.20	3.51	3.59	1.75	2.88	2.08	2.69	1.70
August .....	1.76	1.64	2.42	1.47	1.91	2.18	1.59	4.84	2.23	1.75	2.46
September...	2.52	2.28	1.79	1.29	2.33	2.38	1.28	4.39	.97	.18	2.11
October.....	2.16	.62	.62	4.53	3.25	2.84	2.10	1.45	3.73	2.65	.87
November...	1.20	1.36	1.27	1.28	2.19	1.53	4.61	2.66	1.68	4.81	3.43
December...	2.12	.92	2.37	2.04	2.85	2.48	.19	3.05	2.20	3.70	1.87
TOTALS...	26.05	12.61	21.31	22.76	27.08	23.10	23.86	31.45	23.79	20.68	23.60

1920. Inspected C.S. 28.V.13. On low roof behind parapet. Buildings all round. g. in wooden box & v loose.  
 Bad exposure. (will be fixed)

NB. Relyed on Survey as 1" Low. (w 330 x)

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	51°30'45"	0°18'25"						

## RAINFALL at Ealing (Longfield Avenue)

County of Middlesex.

Observer H.P. Hickey Esq., F.R.S.

River Basin Thames - Colne &amp; Brent - 1.

Ealing Boro' Council

Type of Gauge

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

Ref.

661587/26

Diameter	5.										
Height	0.9			9' 2"							
Altitude	114			112							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.02	1.15	1.46	.96	.69	3.87	9.38	2.13	4.31		
February	1.42	1.13	2.42	.23	1.94	1.59	3.51	.28	.71		
March	.20	1.06	2.04	2.15	.28	1.03	2.18	.29	1.00		
April	3.04	1.66	.66	1.25	2.41	1.28	1.99	.06	2.17		
May	2.33	3.88	1.87	.63	.89	.43	1.76	1.14	1.15		
June	1.28	1.02	2.17	1.14	8.70	3.66	1.94	.33	1.55		
July	3.08	1.76	1.03	1.92	1.24	2.60	.62	.70	1.75		
August	6.19	1.02	.61	1.62	1.83	.33	2.33	2.23	4.71		
September	2.33	1.99	2.61	1.23	2.61	3.09	1.69	2.40	1.19		
October	.52	4.60	1.38	1.05	2.12	1.51	2.21	2.18	4.00		
November	1.26	1.15	1.09	1.95	3.83	2.96	1.32	2.52	4.07		
December	.52	1.44	.29	4.72	2.32	1.36	3.31	(3.42)	.81		
TOTALS	23.81	19.86	17.63	18.75	23.86	23.71	26.54	17.68	27.44	#	

1932. Readings of various heights. 1937 n.p. low. It was noted that action was poor.  
 1934. Gauge on roof. It was stated that gauge had been at this height for 40 yrs.  
 1939 n.p. low, roof gauge deleted from use.  
 1940 observer told that further records are required at present.

Annual average (1931-1932) 22.0 rejected from survey as 1st dec. Poor exposure.

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
			Ealing Broadway	1/2 mhd.	E	Christ Church	1/4 mhd.	

## Air Ministry, Meteorological Office

Station No.

24706,  
84716

## RAINFALL at Ealing (Castlebar)

County of Middlesex

Observer Middlesex County Council

River Basin L - THAMES Colne + Darent

J. G. Grant, Esq.

Type of Gauge

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

File No.

Diameter in.											
Height ft. in.				247	060				5		
Altitude ft.						1			0	7	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January											2.21 1.82
February											.10 2.31
March											1.87 1.79
April											2.43 .58
May											.55 2.02
June											.78 2.02
July											1.15 3.48
August											1.63 2.55
September											.01 4.89
October											2.67 5.38
November											2.49 3.91
December											3.80 2.36
TOTALS											19.69 32.61

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference TQ 172818

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

Summary of Earlier Records from 10-year Sheets:

Record D. or d	1910-19		1920-30		1931-40		1941-50		1951-60	
	1910	1919	1920	1930	1931	1940	1941	1950	1951	1960