

RAINFALL AT Helensburgh Firth of Clyde - 2.

Lat.

Long.

County of

Dumbarton

Rain Gauge, by

Observer

J. R. Wilson Esq

Diameter	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
Height											- 6
Altitude											18
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	
January											5.16
February											3.30
March											1.93
April											3.20
May											3.30
June											1.44
July											1.70
August											7.76
September											1.89
October											4.43
November											2.73
December											4.66
TOTALS											41.50

Helensburgh Church 1 Mile E by S
House 36 ft high 20 ft N.E

RAINFALL AT Helenburgh Fermegair

Lat.

Lon.

County of

Dumbarton

Rain Gauge, by

Observer

JR Wilson Esq

Firth of Clyde - 2.

Diameter	6										
Height	6										
Altitude	18										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.88	4.45	5.25	2.57	6.78	.84	4.00	1.46	4.93	7.10	4.626
February	1.30	1.60	2.30	5.48	11.45	.39	2.97	3.08	4.61	2.99	3.617
March	4.55	4.12	1.57	1.90	3.86	3.14	5.45	5.90	2.30	4.29	3.708
April	1.50	1.94	1.28	1.92	1.24	2.38	2.55	1.93	3.98	3.62	2.234
May	(2.10)	2.13	4.74	2.44	2.29	.17	.70	2.58	2.09	3.01	2.225
June	5.00	1.41	3.93	1.35	2.53	2.30	3.03	5.74	3.26	1.79	3.034
July	3.34	1.09	2.80	4.60	3.23	3.71	3.88	2.25	1.59	2.94	2.943
August	3.18	5.39	8.39	5.20	3.60	7.00	2.15	(5.81)	6.20	1.02	4.802
September	7.85	7.08	6.45	3.80	.21	1.88	4.01	(4.08)	6.41	4.83	4.760
October	3.98	5.12	3.62	6.36	3.07	3.54	2.79	2.33	4.06	3.92	3.879
November	8.50	5.18	4.70	4.12	4.10	6.99	1.99	3.43	5.78	3.91	4.870
December	1.18	9.02	2.98	6.08	4.86	6.33	(5.47)	5.49	8.77	4.81	5.499
TOTALS	51.36	49.53	48.01	45.82	47.22	38.67	38.99	44.16	53.98	44.23	46.197

W from NW

1890 May computed, gauge tampered with.

 1891 Sept^r gauge out of order

 1896 Dec^r " "

 1897 Aug & Sept^r gauge tampered with.

RAINFALL AT Helensburgh Ferriugain

Lat.

Lon.

County of Dunbarton

graduated Rain Gauge, by
read by Rule Fifth of Clyde - 2.

Observer J.R. Wilson Esq.

Brought up to date from 1905
T. Andrew Eges.

Diameter ..	6					12	6			
Height	5	6					5		6	
Altitude ..	16					18				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	5.88	3.24	2.78	8.91	4.84	2.89	5.58	4.08	7.03	7.72 5.295
February ..	3.30	1.63	(2.25)	8.55	4.84	3.15	2.68	4.37	4.00	3.13 3.790
March ..	4.44	1.83	3.24	8.87	2.47	3.99	3.65	5.80	5.69	2.10 3.808
April ..	2.74	2.32	1.68	1.70	5.67	2.86	1.16	2.70	1.87	4.15 2.635
May ..	3.46	1.60	2.67	2.97	4.01	2.00	5.50	4.60	2.89	3.25 3.295
June ..	3.14	3.29	1.83	2.86	3.14	.81	1.60	5.21	2.92	3.18 2.798
July ..	4.00	2.53	3.52	4.08	2.42	3.48	3.08	2.70	4.00	3.96 3.377
August ..	5.04	4.80	2.67	8.65	6.04	4.95	4.15	7.05	5.00	3.29 5.064
September ..	3.91	2.69	4.12	4.54	4.70	2.11	2.42	1.99	7.16	2.39 3.603
October ..	7.04	4.76	2.57	10.40	2.41	4.33	6.61	5.40	1.23	7.85 5.260
November ..	5.76	3.76	4.13	3.68	2.89	5.38	4.54	4.54	4.30	3.45 4.243
December ..	8.11	4.66	6.40	4.30	5.66	3.97	4.25	6.89	5.25	7.40 5.689
TOTALS ..	52.82	37.11	37.86	69.51	48.09	39.92	45.22	55.33	50.84	51.87 48.857

Set from W.W.

1901 Church 1/2 mile E

1902 February Gauge out of order

Nov 31 Gauge moved from Sea 210 yards N

1907 Helensburgh Station 1 mile W

1909. Obs. will place circular fence round gauge as suggested by Dr. Mill. 28.V.09.

RAINFALL AT Helensburgh, Fenegair new 2.

Lat.

Lett.

County of

County of Dumbarton

• 100 •

County of Dumbarton

Rain

Rain Gauge, by—

Observer.

Jas. Andrew Esq. G.S.

RAINFALL at Helensburgh, Ferniegair House (1915)

County of Dumbarton

Observer.

J. Andrew Esq. B.Sc.

River Basin Firth of Clyde & Cowal Z.

Gas. N. Stirling Esq. C.E. (1912)

Flasher Rain Gauge, by

R. D. Brown. Esq. B.Sc. (1915)

1915 Snowdon since Nov

H.M. Gross Esq. C.E. (1916)

Diameter ...	8										
Height		1	0								
Altitude ...			22								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	7.62	4.93	6.33	5.49	4.43	4.65	7.02	3.24	7.13	4.60	
February	7.23	8.71	5.43	4.80	5.73	8.04	6.27	1.48	7.37	3.06	
March	2.85	2.15	6.71	6.59	6.47	3.80	2.09	3.50	2.21	4.53	
April	4.58	4.07	3.00	4.29	3.17	3.47	4.05	1.89	.81	3.10	
May	1.98	3.07	2.40	4.72	2.58	.99	4.88	4.07	3.49	1.15	
June	2.70	3.48	5.38	3.37	.97	1.99	1.83	4.47	1.68	3.80	
July	4.77	4.08	2.58	2.02	2.88	3.34	2.77	1.99	3.98	1.72	
August	9.55	4.48	5.37	2.29	6.34	2.64	3.82	5.46	4.20	3.77	
September	1.85	2.78	4.27	2.53	2.84	1.88	1.42	3.86	5.53	3.81	
October	2.61	4.74	6.81	2.46	2.68	3.26	8.83	8.62	6.85	.87	
November	4.38	7.34	5.77	7.16	7.50	2.78	6.40	9.92	7.63	4.59	
December	6.06	8.94	12.82	4.82	10.18	5.72	6.67	3.98	6.58	8.55	
TOTALS ...	56.18	58.77	66.87	50.69	55.77	42.56	56.05	52.28	57.46	42.54	

1917 June & September values amended in accordance with those used by M.O. Edinburgh 11/12/23.

(from 620)

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.								
1912.	56.0.26	4.45	Helensburgh 1918 6 fms.	1 mile	W. E	English	3 miles.	E

RAINFALL at Helensburgh, Ferniegair

County of Dumbarton Observer J. N. Sterling Esq. G.E.

River Basin Firth of Clyde & Cowal 2. Boro Surveyor, Helensburgh.

(1928) M.O. Snowdon Rain Gauge, by _____

Diameter ...	8		8						5	
Height	1 0		1 0							
Altitude ...	22		22							2/ 1930 MEANS.
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	8.47	10.02	6.85	6.68	6.32	5.75	7.03	6.98	12.74	2.49
February ...	9.30	1.94	5.43	6.33	1.59	4.41	7.03	4.78	5.82	2.82
March	5.20	6.88	2.68	2.40	1.65	3.06	5.23	5.03	5.21	1.73
April.....	2.25	1.48	3.50	4.82	2.77	6.40	2.48	3.62	2.61	1.47
May	6.11	3.51	5.23	2.30	5.01	7.39	3.44	3.37	2.03	3.59
June	2.45	7.71	2.69	1.41	3.35	1.22	3.92	5.53	6.24	3.47
July	4.14	5.65	4.61	4.02	5.18	2.31	2.91	4.68	4.15	4.94
August	6.26	7.80	2.75	7.63	4.25	4.35	4.85	5.93	4.72	6.73
September...	3.89	3.09	2.99	8.47	5.99	4.38	3.91	8.05	4.89	1.78
October.....	3.27	5.17	2.69	7.76	4.30	4.64	7.60	7.50	8.48	7.40
November...	6.23	4.88	4.73	5.18	4.90	1.10	7.49	6.15	9.25	7.51
December...	4.61	10.80	5.06	5.26	7.99	4.50	3.61	2.16	6.08	13.12
TOTALS...	61.18	61.93	49.21	62.24	53.30	49.51	59.50	63.78	72.22	57.05
	2	3	3	2	2	2	2	2	2	2

1929. Stevenson screen 5' 8" high, 4' 2" S.E.

Being surrounding enclosure: 3' 9" high, 6' N.
3' 9" - 5' 5" E.
3' 9" - 8' E.
3' 9" - 8' W.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	56° 0' 26"	4° 45'	Helensburgh	1 mi	W	English	3/4 mi	E

RAINFALL at Glenrothes (Ferniegair)County of Dumbarton.Observer T.N. Stirling, C.E., B.Sc.River Basin 2-Fifth of Clyde & CowalType of Gauge M.O.Annual Average 4.27 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.

Diameter	5										
Height	1.0										
Altitude	81'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.77	6.52	6.70								
February	5.10	.02	5.53								
March	1.46	2.47	2.64								
April	2.46	4.27	2.66								
May	4.77	3.15	3.69								
June	6.18	1.24	2.37								
July	3.16	8.27	4.14								
August	2.05	2.73	4.19								
September	1.23	4.43	.72								
October	4.21	7.15	2.66								
November	4.01	5.74	3.33								
December	5.39	9.16	1.12								
TOTALS	48.79	52.15	39.75								

1931. Stevenson screen 5'8" high 4'2" S.E. Paling surrounding enclosure 3'9" high N. S. E. W.

Interpolation Dec 1933.

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
1931			Glenrothes Terminus	3550 ft.	16° 2' W.	Foot Sinclair St.	3800 ft.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.