

RAINFALL AT Helensburgh Ferniegar

Lat. _____

Lon. _____

County of _____

Dumbarton

Rain Gauge, by _____

Observer _____

J. P. Wilson Esq

First of Clyde - 2.

Diameter . . .												
Height											- 6	
Altitude											18	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
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 NE

RAINFALL AT

Helenburgh Fermiegar

Lat. _____

Lon. _____

County of _____

Dumbarton

Rain Gauge, by _____

Observer _____

J.R. 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	(5.89)	6.20	1.02	4.802	
September . . .	7.85	8.08	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	45.62	47.22	38.67	38.99	(44.16)	53.98	44.23	46.197	

W. J. W.

1890 May computed, gauge tampered with.

1891 Sept. gauge out of order

1896 Dec. " " " "

1897 Aug & Sept. gauge tampered with.

RAINFALL AT Helenburgh, Ferringair

Lat. Lon. County of Dumbarton

gauge used Rain Gauge, by John Wilson Esq Observer
 read by Rule 7 ft 9 Clyde - 2 W. R. Wilson Esq W. R. Wilson Esq

Diameter ..	6					12	6				
Height	0	6					5		6		
Altitude ..	16					18					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	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)	8.65	4.84	3.15	2.68	4.37	4.00	3.13	3.790
March44	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	1.37	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	5.04	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

Feb 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 Helenburgh Station 1 mile W
 1909. Obs. will place circular fence round gauge as
 suggested by Dr. Mill. 28.v.op.

RAINFALL at Helenburgh, Fernigair House (1915)County of DumbartonObserver J. Andrew Esq. B.P.River Basin Firth of Clyde & bowal 2.Jas. N. Stirling Esq. C.E. (1912)R. D. Brown Esq. B.P. (1915)Glaisher Rain Gauge, byH. M. Cross Esq. C.E. (1915)

1915 snowdon since Nov

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	4.50	5.73	8.04	6.27	1.48	7.37	2.06	
March	2.85	2.15	6.71	6.59	6.47	3.80	2.09	3.50	2.21	4.52	
April	4.58	4.07	3.00	4.39	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	4.27	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	3.26	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 H. O. Edinburgh 11/12/23.

W. from 680 g.

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

RAINFALL at Helensburgh, FerniegarCounty of DumbartonObserver J. N. Stirling Esq. G.E.River Basin Firth of Clyde & Govan 2.Baro Surveyor Helensburgh.(1928) M.O. Snowdon Rain Gauge, by _____

Diameter ...	8			8					5		
Height	1 0			1 0							
Altitude ...	22			22							21
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	8.47	10.02	6.85	6.68	6.32	5.75	7.03	6.98	12.74	2.49	7.07
February ...	8.30	1.94	5.43	6.33	1.59	4.41	7.03	4.78	5.82	2.82	3.3
March	5.20	6.88	2.68	2.40	1.65	3.06	5.23	5.03	5.21	1.73	3.19
April	2.25	1.48	3.50	4.82	2.77	6.40	2.48	3.62	2.61	1.47	2.15
May	6.11	3.51	5.23	2.30	5.01	7.39	3.44	3.37	2.03	3.59	2.55
June	2.45	.71	2.69	1.41	3.35	1.22	3.92	5.53	6.24	3.47	3.76
July	4.14	5.65	4.61	4.02	5.18	2.31	2.91	4.68	4.15	4.94	3.18
August	6.26	7.80	2.75	7.63	4.25	4.35	4.85	5.93	4.72	6.73	6.34
September...	3.89	3.09	2.99	8.47	5.99	4.88	3.91	8.05	4.89	1.78	4.46
October	3.27	5.17	2.69	7.76	4.30	4.64	7.60	7.50	8.48	7.40	8.05
November...	6.23	4.88	4.73	5.18	4.90	1.10	7.49	6.15	9.25	7.51	6.81
December...	4.61	10.80	5.06	5.26	7.99	4.50	3.61	2.16	6.08	13.12	5.18
TOTALS...	61.18	61.93	49.21	62.24	53.30	49.51	59.50	63.78	72.22	57.05	53.02
	D	D	D	D	D	D	D	D	D	D	D

1929. Station on level 5' 8" high, 4' 2" S.E.
 Facing surrounding enclosure: 3' 9" high, 6' 4"
 3' 9" " 5' 5" S.
 3' 9" " 8' E.
 3' 9" " 8' W.

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

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	56° 0' 26"	4° 45'	Helensburgh	1 mi	W	English	3 7/8 mi	E

RAINFALL at Kilsnaburgh (Ferniegair)County of Dumfries Observer J.N. Stirling, C.E. B.Sc.River Basin 2-Fish of Clyde & GallowayType of Gauge M.O.Annual Average 4.97 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.

Diameter	5.										
Height	1.0.										
Altitude	21'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.77	8.52	6.70								
February	5.10	1.02	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	3.27	4.14								
August	2.05	2.73	4.19								
September	1.23	2.43	1.72								
October	4.21	7.15	2.66								
November	4.01	5.74	3.33								
December	5.39	9.16	1.12	#	Terminating Dec 1933.						
TOTALS	48.79	52.1	53.75								
	2	3	3								

1931. Stevenson screen 5'8" high 4'2" S.E. Rating surrounding enclosure 3'9" high 6', 5'5", 5'0", 5'1"
N. S. E. W.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
1931.			Kilsnaburgh Dumfries	3850 ft.	16° 2' W.	Foot Sinclair St.	3800 ft.	W. 25° 2' N.