

RAINFALL AT

Port Glasgow (Doughhill Bc.)

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *J. Wilson Esq. C.E.*

First of day - 3.

Diameter				5							
Height				9		13					
Altitude				549 ft							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				8.79	8.89	5.14	4.92	4.09	5.15	6.29	
February				7.72	8.91	6.07	1.73	5.34	1.02	3.49	
March				3.05	4.06	3.33	4.77	1.83	3.46	2.53	
April				3.19	1.41	3.54	3.28	3.01	2.14	2.08	
May				2.81	5.48	3.47	3.19	1.06	6.16	3.95	
June				3.88	1.24	1.50	1.64	1.32	3.19	1.35	
July				2.84	7.43	2.42	3.26	3.55	5.61	3.06	
August				5.11	3.01	3.49	2.59	3.13	3.86	5.45	
September				3.40	4.18	8.32	7.27	5.27	2.08	2.22	
October				7.69	5.49	5.59	4.83	2.02	3.42	3.51	
November				9.47	6.34	3.45	5.84	4.84	9.71	3.10	
December				7.16	11.31	2.62	4.95	5.34	5.83	4.72	
TOTALS				65.11	67.75	48.94	48.27	40.80	51.63	40.75	

RAINFALL AT Port Glasgow Duglish Hill Reservoir

Lat. _____

Lon. _____

County of _____

Renfrew

Rain Gauge, by _____

Observer _____

J. Wilson Esq. Cl.
S. W. Dalziel Esq. Cl.

7th of Dec. 4 - 3.

Diameter	5											
Height	0 9	1 0										
Altitude	549 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.19	3.63	4.52	2.47	9.34	1.30	4.01	1.82				
February	9.4	2.02	2.09	4.27	13.37	.62	3.17	5.45				
March	3.59	4.13	1.20	2.94	5.77	4.39	7.34	6.64				
April	1.85	1.86	1.45	2.27	3.34	3.17	2.55	3.84				
May	2.91	2.32	5.30	3.03	3.25	.13	.91	3.30				
June	5.18	1.23	2.64	1.31	3.10	1.08	4.58	6.57				
July	2.97	.97	2.27	4.50	2.52	4.85	5.11	2.78				
August	3.72	4.70	7.95	3.64	5.31	7.13	2.71	4.92				
September....	3.09	6.74	6.54	4.37	3.14	2.59	5.79	7.62				
October	5.94	5.72	4.36	8.27	2.81	4.42	5.14	5.67				
November....	9.89	7.69	6.24	6.41	4.97	7.84	2.32	4.52				
December	1.51	10.53	2.59	6.78	5.17	6.90	8.13	7.31				
TOTALS	51.78	51.54	47.15	50.26	62.29	44.42	51.76	60.44				

RAINFALL AT *Doughlishill Res. Portlough W.W.*

Lat. Lon. County of *Renfrew*

Rain Gauge, by *Casullo* Observer *D. Buchan F.R.S.*

Fish of Clyde - 3.

James Munro & Co.

Diameter ..								5			
Height ...								1.6			
Altitude ..							540				
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	8.34	4.25	3.86	7.90	5.43	3.89	7.90	3.57	6.59	6.38	
March	3.70	3.35	1.84	9.25	4.71	4.93	5.21	3.65	3.70	2.48	
April17	2.13	4.83	10.35	2.28	4.62	5.27	4.95	5.11	1.72	
May	3.17	4.18	2.28	1.92	7.10	2.83	1.17	2.27	2.63	5.38	
June	4.86	1.83	2.40	3.40	3.48	1.67	6.00	5.10	2.20	2.79	
July	4.20	2.72	1.61	2.09	2.95	.56	1.65	5.10	2.50	2.85	
August	2.51	2.60	3.46	4.72	2.05	2.92	2.91	2.66	3.48	3.58	
September ..	2.64	4.93	2.81	7.26	4.85	5.33	4.85	6.25	3.76	3.28	
October	5.08	3.64	4.77	5.10	4.62	3.07	2.12	1.60	6.58	2.04	
November ..	9.18	4.73	3.16	10.00	3.48	4.04	6.45	5.79	1.68	8.14	
December ..	8.08	5.90	5.45	4.40	2.90	6.50	5.32	3.61	4.66	2.75	
TOTALS ..	62.23	47.00	43.36	71.89	48.90	45.36	53.35	52.02	48.69	49.83	

1907 Portlough Ch Newark, 1 mile NE

" " Station NE

Gauge in walk at Filters

1908 May-Dec approximate gauge being tampered with rough networks being constructed alongside present filter but a new gauge was not erected and will be as soon as possible.

1900-1904 Late mp. - Values received from M.O. Edinburgh. RQ. 11.34

RAINFALL at *Doughiehill Res. (Port Glasgow W.W.)*County of *Renfrew* Observer *James Murray Esq.*River Basin *Firth of Clyde left bank trib. 3.*

Rain Gauge, by _____

Diameter ...	5	8									
Height	1	6									
Altitude ...	540T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUM MEANS 1910-19
January ...	6.93	6.00	6.37	4.95	5.24	4.67	9.06	4.37	5.86	4.72	24.11
February ...	6.52	8.12	5.74	4.73	9.26	9.92	6.42	1.29	8.95	1.33	18.19
March	4.43	2.05	7.32	7.96	7.09	3.65	1.38	3.10	1.89	4.36	10.73
April	4.15	4.47	3.89	5.53	4.19	4.43	4.28	1.14	.82	2.52	8.46
May	2.75	4.14	2.37	4.63	1.84	1.22	3.95	4.55	2.67	1.22	12.39
June	1.95	4.05	6.03	5.15	1.09	1.68	3.52	4.09	1.63	4.47	13.71
July	5.51	3.86	3.27	1.47	2.58	3.59	2.55	2.48	4.03	.30	9.36
August	10.92	5.42	4.41	1.57	5.65	2.54	4.40	5.16	5.06	3.78	18.40
September ..	2.00	2.57	3.69	3.22	2.52	1.86	1.71	3.25	7.43	4.10	16.49
October ...	1.96	5.09	7.76	4.24	2.61	4.91	8.83	9.63	9.28	1.32	29.06
November ..	5.90	8.18	6.16	8.50	6.98	2.53	8.24	10.94	7.58	4.99	31.75
December ...	6.35	12.09	13.80	5.49	11.74	5.15	5.72	3.54	7.57	10.33	27.16
TOTALS ...	59.37	66.04	70.81	57.44	60.79	45.55	60.06	53.54	62.77	43.44	219.81

imp D. imp D

imp D

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Port Glasgow					

RAINFALL at *Doughiehill Filters, Port Glasgow N.W.*County of *Prenfrew*Observer *James Murray Esq. M.D.*River Basin *Firth of Clyde 3.*Rain Gauge, by *W*

Diameter ...	8												
Height	1 6												
Altitude ...	540				540								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.		Surfs
January ...	6.98	8.86	7.14	6.89	6.36	6.83	9.57	7.72	11.32	1.93	11.06		85.06
February ...	7.25	1.60	6.50	7.82	1.08	5.45	7.09	3.31	6.36	2.44	.83		49.23
March	5.20	9.91	3.69	3.08	1.02	.75	4.76	5.87	6.27	.70	3.52		44.87
April	3.48	2.90	3.34	4.25	2.85	8.61	2.70	3.31	2.84	.90	3.63		38.71
May	5.72	4.13	5.00	2.50	4.70	6.79	3.35	3.42	2.21	4.38	2.63		44.83
June	2.63	.61	2.24	1.53	2.81	2.26	4.29	4.35	7.38	3.50	3.13		34.73
July	3.24	4.07	3.34	4.12	4.33	1.86	2.40	3.93	4.08	5.27	2.45		37.09
August	6.19	7.66	3.24	6.75	4.12	4.94	4.82	5.47	4.40	6.44	5.55		59.58
September...	3.22	3.33	3.04	9.92	7.05	3.10	3.08	6.08	4.40	1.57	4.81		49.10
October	3.85	5.53	1.78	8.66	3.64	4.69	8.81	8.09	10.39	6.84	9.11		71.39
November...	5.87	3.82	3.96	3.56	4.99	1.41	8.21	8.85	11.85	9.48	7.38		69.38
December...	6.35	7.83	6.63	4.29	11.16	4.50	1.94	1.28	5.97	14.92	3.39		68.26
TOTALS...	59.88	60.25	49.90	63.37	54.11	51.19	61.02	61.68	78.07	58.37	56.39		654.23
	W	W	W	W	W	W				W	W		

1922: Read on last day of month

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	Parish Church.	Distance from gauge	Direction
1912			Port Glasgow					

RAINFALL at Doughlic Hills (A. Glas. W.W.)County of RenfrewObserver James Murray, M.R.C.S.River Basin 3-Firth of Clyde

Type of Gauge.....

Annual Average 53.4 in. based on 43 years obs. un-weighted. Period of average 1881-1915. Ref. Summary.commenced 11/36

Diameter	8.										
Height	1. 6.										
Altitude	540					550			550		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	5 yrs Means
January	5.36	11.20	6.15	9.89	2.10	5.20	8.21	9.45	4.90	(2.94)	6.540
February	4.27	.08	6.19	.65	6.87	4.01	5.28	4.12	8.33	2.35	4.215
March	1.38	2.04	3.63	2.34	2.33	4.11	1.33	5.86	6.41	4.28	3.371
April	2.24	5.00	2.50	3.57	4.36	1.86	3.04	.78	3.27	4.10	3.072
May	4.54	2.79	4.02	2.88	.53	2.30	1.92	3.25	1.77	.85	2.485
June	6.47	2.07	2.61	2.48	3.30	1.56	2.57	7.00	1.70	1.57	3.133
July	3.94	4.19	3.55	2.64	1.77	6.20	3.62	4.20	5.15	3.74	3.900
August	1.59	2.30	3.35	4.57	2.54	2.29	2.99	2.48	2.14	2.13	2.638
September	1.63	5.75	.74	7.58	7.71	4.62	3.55	4.88	2.78	4.15	4.539
October	4.71	6.55	3.25	9.15	14.59	5.66	3.77	11.25	3.59	7.74	6.726
November	9.89	6.16	3.13	1.76	4.81	4.48	.95	12.26	9.51	9.72	6.247
December	5.27	11.20	.70	9.53	2.87	10.26	2.75	7.48	5.17	6.79	6.202
TOTALS	51.29	57.33	39.82	57.04	50.78	52.55	39.98	73.01	54.72	50.36	52.88

1940 Jan. estd from same nearby stations.

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
1935 1937			Port Glasgow	1 1/2	N.E.			

649890

RAINFALL at Doughliehill Filters (Pt Glas W.W.) Station No. 5308

41

County of Renfrew Observer JAMES MUNAY, C.E.River Basin 3-Falk of Clyde Jan M. Maclean SE (1945)

Type of Gauge.....

Annual Average 53.4 in. based on 43 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref Survey

File No.

Diameter	8"				649	890					
Height	1'6"					1					
Altitude	550'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SVHS Means
January	0.42	6.20	7.68	6.96	1.74	9.25	8.04	7.98	7.31	4.51	60.09
February	4.10	2.15	4.81	1.94	9.69	4.26	(1.00)	6.49	5.69	5.94	46.07
March	2.51	3.38	3.48	.71	3.60	3.15	(4.32)	6.47	2.35	2.82	32.85
April	3.31	3.57	4.24	3.89	4.00	1.98	9.47	2.37	6.60	3.12	42.55
May	2.06	4.02	3.62	4.34	4.87	1.22	5.03	1.80	2.12	1.81	30.99
June	.85	2.84	4.17	4.32	4.30	4.04	3.77	5.97	1.15	2.15	33.56
July	2.73	3.51	2.83	4.70	5.43	3.39	4.81	4.72	2.46	6.39	40.97
August	4.95	5.70	7.66	3.30	1.92	2.56	0.00	7.47	4.74	6.89	45.19
September	2.33	5.75	4.84	5.29	5.79	8.86	5.27	7.65	2.26	10.93	58.97
October	9.12	7.29	11.21	6.83	6.44	0.72	2.48	8.17	6.90	5.43	64.59
November	6.27	1.05	3.14	7.52	1.03	6.62	8.79	4.97	6.48	3.95	49.82
December	4.55	9.97	.99	7.14	5.36	6.50	1.93	8.43	10.92	1.77	57.49
TOTALS	43.20	55.43	58.60	67.00	54.17	52.55	54.91	72.49	58.98	55.71	563.04

1947. Feb + Mar corr. for snow

3000ft

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.
1948			Port Glasgow	$\frac{3}{8}$ ml	NNE	Princes Street	$\frac{1}{2}$ ml	NNE

BRITISH RAINFALL ORGANIZATION

649890

RAINFALL at Doughlishill Filters (Pt. Glas. W. W.) Station No. 5308
 County of Renfrew Observer Jan M. MacLean Esq. C.E.
 River Basin Girth of Clyde - 3
 Type of Gauge Glasher

51

Annual Average 58.4 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref. S
56.17 " " " 35 " " 1916-1950 1916-1950 P
 File No. 1916-1950

Diameter ...	8"				649	890					
Height ...	1'6"					1					
Altitude ...	560'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.93	4.41	2.57	5.66	3.02	3.35	8.43	5.89	1.69	3.53	
February ...	2.64	2.05	3.07	4.85	3.17	1.12	3.89	3.42	1.90	4.58	
March ...	2.89	4.36	1.86	3.52	1.30	2.45	4.99	1.63	3.29	2.84	
April ...	3.60	2.60	2.56	1.77	2.81	1.67	2.66	1.98	3.41	6.12	
May ...	2.47	2.00	2.84	3.72	4.59	2.55	2.46	3.91	1.84	2.36	
June ...	1.83	3.20	1.19	3.03	2.43	2.54	1.86	3.56	3.57	2.86	
July ...	2.64	2.27	4.59	3.06	1.31	4.25	6.35	7.57	6.73	4.34	
August ...	5.11	4.97	4.42	4.70	1.40	5.20	4.18	5.46	1.11	3.40	
September ...	4.86	3.95	5.89	6.97	4.96	4.57	3.62	5.18	1.38	3.08	
October ...	1.34	7.06	3.38	11.16	6.03	4.13	8.51	5.11	6.03	3.02	
November ...	8.05	1.60	10.06	8.86	2.91	2.60	2.13	1.91	6.27	7.24	
December ...	8.79	5.26	6.79	5.82	8.68	7.57	8.29	6.47	8.84	6.17	
TOTALS ...	49.15	43.73	49.22	63.12	41.61	42.00	67.37	52.09	45.06	49.54	
	D	D	D	D	D	D	D	D	D	D	

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference N6627739

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1957			Port Glasgow	3 1/2 NNE	Princes Street	1 1/2 NNE

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ - but d 11.12 1915	✓ W 20-25 29-30 - 26.28	✓ W	✓ W but D 46.50	