

RAINFALL AT Kilmalcolm Water Works

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer,

D. L. Cameron Esq.Chyde, L. bank - 2.St. Andrew's Rd
near Muthill

Diameter ..											
Height											
Altitude ..					500?						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..				13.10	6.82	5.98	11.28		9.31	9.28	
March				13.00	6.92	7.08	5.80		5.93	4.55	
April				13.80	3.60	7.19	7.40		8.38	3.80	
May				2.50	9.80	4.85	3.15		2.80	6.25	
June				4.16	3.19	2.47	8.33		3.56	3.36	
July				2.51	3.94	2.24	2.05		3.71	5.08	
August				5.90	3.88	3.76	4.13		5.30	6.07	
September ..				10.25	6.62	6.80	6.89		5.30	4.63	
October				6.39	8.64	5.37	3.65		10.60	3.27	
November ..				12.70	5.25	6.17	10.85		2.76	11.89	
December ..				5.90	5.20	9.84	7.40		7.38	6.25	
				7.95	6.85	7.70	7.30		8.53	9.76	
TOTALS ..				98.16	70.71	69.45	78.23	N.R.	73.56	74.19	

1903 not printed - received late.

1909 Kilmalcolm Church 3 miles E.
 " Station 3 " E.

RAINFALL at Kilmacolm WaterworksCounty of Renfrew Observer D. S. Carson Esq.River Basin Glyde-left bank tribs. 2.Rain Gauge, by Basella

Diameter ...	5										
Height	1	0									
Altitude ...	500?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.89	8.41	6.48	8.92	5.13	6.36	10.64				
February ...	9.84	11.25	7.20	6.56	7.89	11.56	7.83				
March	4.75	2.84	9.18	9.56	9.24	3.67	2.12				
April	6.35	4.82	4.21	6.72	6.25	5.27	6.57				
May	3.75	4.19	2.73	5.13	2.80	1.40	4.92				
June	2.83	5.08	6.94	6.08	1.12	2.59	2.93				
July	5.38	3.95	4.15	2.18	3.21	5.32	3.75				
August	12.90	6.03	5.80	2.21	6.22	4.12	5.93				
September ..	2.75	3.64	5.09	3.75	3.62	2.10	2.14				
October ...	4.87	8.26	8.64	5.41	2.48	4.92	11.31				
November ..	5.20	8.54	7.83	9.67	8.31	3.41	8.62				
December ...	8.62	11.36	12.67	8.43	12.35	8.73	6.94				
TOTALS ...	76.13	78.37	80.92	74.92	68.62	59.45	73.70	N.R.			

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Kilmacolm	3 mls.	E.	Kilmacolm	3 mls.	E.

RAINFALL at *Kilmacolin* (*water works*)County of *Pemrew*Observer *Mr. R. Blackwood*River Basin *Glyde - left bank tribs. 2.**1921 per "Greenock Telegraph"*
*1927 J. Griens Esq. (Water Supply)**Snowdon* Rain Gauge, by *Casella*

Diameter ...	<i>5</i>				<i>5</i>							
Height	<i>1</i>	<i>0</i>			<i>1</i>	<i>0</i>						
Altitude ...	<i>300</i>		<i>600</i>		<i>600</i>							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANS.
January ...	<i>7.40</i>	<i>16.90</i>	<i>8.75</i>	<i>8.32</i>	<i>8.73</i>	<i>7.88</i>	<i>10.97</i>	<i>11.69</i>	<i>14.39</i>	<i>3.06</i>	<i>10.90</i>	
February ...	<i>10.05</i>	<i>2.39</i>	<i>8.70</i>	<i>8.93</i>	<i>2.06</i>	<i>5.45</i>	<i>7.38</i>	<i>4.53</i>	<i>7.53</i>	<i>3.18</i>	<i>.68</i>	
March	<i>6.15</i>	<i>13.40</i>	<i>3.37</i>	<i>4.32</i>	<i>1.58</i>	<i>3.62</i>	<i>6.30</i>	<i>5.40</i>	<i>7.76</i>	<i>1.45</i>	<i>5.08</i>	
April	<i>2.30</i>	<i>2.62</i>	<i>5.35</i>	<i>5.20</i>	<i>4.12</i>	<i>8.56</i>	<i>3.28</i>	<i>5.13</i>	<i>2.77</i>	<i>1.59</i>	<i>2.46</i>	
May	<i>6.62</i>	<i>4.12</i>	<i>6.15</i>	<i>3.50</i>	<i>5.87</i>	<i>9.50</i>	<i>4.75</i>	<i>3.04</i>	<i>1.76</i>	<i>5.58</i>	<i>3.38</i>	
June	<i>1.70</i>	<i>1.00</i>	<i>2.68</i>	<i>2.30</i>	<i>3.10</i>	<i>1.21</i>	<i>4.13</i>	<i>5.08</i>	<i>8.18</i>	<i>3.22</i>	<i>3.42</i>	
July	<i>3.85</i>	<i>6.95</i>	<i>5.81</i>	<i>6.25</i>	<i>4.60</i>	<i>2.01</i>	<i>3.50</i>	<i>4.25</i>	<i>4.35</i>	<i>6.67</i>	<i>3.78</i>	
August	<i>5.66</i>	<i>7.75</i>	<i>5.69</i>	<i>8.06</i>	<i>5.10</i>	<i>4.91</i>	<i>4.87</i>	<i>5.85</i>	<i>5.42</i>	<i>7.71</i>	<i>6.66</i>	
September...	<i>3.03</i>	<i>3.61</i>	<i>4.89</i>	<i>11.13</i>	<i>7.76</i>	<i>4.37</i>	<i>4.25</i>	<i>9.26</i>	<i>4.81</i>	<i>2.44</i>	<i>5.59</i>	
October	<i>2.68</i>	<i>7.05</i>	<i>3.04</i>	<i>8.71</i>	<i>4.92</i>	<i>6.90</i>	<i>9.62</i>	<i>8.07</i>	<i>12.69</i>	<i>11.02</i>	<i>12.77</i>	
November...	<i>7.30</i>	<i>4.80</i>	<i>4.38</i>	<i>6.57</i>	<i>7.95</i>	<i>1.25</i>	<i>9.25</i>	<i>6.63</i>	<i>12.35</i>	<i>10.46</i>	<i>9.85</i>	
December...	<i>6.10</i>	<i>12.88</i>	<i>7.92</i>	<i>7.13</i>	<i>11.85</i>	<i>5.20</i>	<i>5.04</i>	<i>1.24</i>	<i>8.61</i>	<i>18.01</i>	<i>7.50</i>	
TOTALS...	<i>63.04</i>	<i>83.47</i>	<i>66.73</i>	<i>80.42</i>	<i>67.94</i>	<i>60.91</i>	<i>73.34</i>	<i>70.17</i>	<i>90.63</i>	<i>74.39</i>	<i>72.22</i>	

1920 Railway bank 40 ft high 500 yds E
"no object to rain gauge"

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
<i>1920</i>	<i>53° 53' 10"</i>	<i>4° 37' 30"</i>	<i>Kilmacolin</i>	<i>3 1/2 miles</i>	<i>SE</i>	<i>Kilmacolin</i>	<i>3 1/2 miles</i>	<i>SE</i>

RAINFALL at Kilmacolin W.W.County of Renfrew. Observer James Grier.River Basin 2. Clyde - Left Bank.Type of Gauge London.Annual Average 1887 in. based on 25 years obs. un-weighted. Period of average 1881-1905 Ref. any.
Rejected as too high. 30.5.40 WH. computed x1/36.

Diameter	5.										
Height	1. 0.										
Altitude	600.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.79	14.10	9.51	12.32	4.49	6.10	9.87	11.88	5.58	3.17	
February	7.78	'03	7.11	1.85	9.99	4.51	7.17	4.90	9.74	2.40	
March	1.85	2.85	5.23	4.11	2.91	4.77	1.99	7.97	5.74	6.61	
April	3.27	7.66	4.69	4.36	4.61	1.71	3.06	1.52	4.46	3.49	
May	5.97	3.87	3.72	3.62	.87	2.72	1.97	3.44	1.49	.87	
June	8.17	2.40	3.36	2.93	4.63	1.99	3.38	7.26	2.33	1.80	
July	5.49	4.88	4.87	3.26	3.87	6.89	4.15	4.86	5.33	3.15	
August	2.19	3.51	4.75	6.17	2.27	3.37	3.70	3.90	2.43	3.18	
September	2.09	7.35	1.04	8.19	9.29	5.34	4.68	5.99	2.83	6.12	
October	7.46	8.43	4.69	12.45	15.37	8.77	3.88	15.28	2.68	7.71	
November	10.95	7.63	3.12	3.24	7.92	6.02	1.12	14.47	12.60	9.97	
December	9.25	15.04	1.82	10.56	4.77	11.03	3.72	6.95	4.58	9.43	
TOTALS	73.26	77.25	53.91	73.06	70.99	63.22	48.69	88.42	57.79	57.90	

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.			Kilmacolin	3 1/2 m.	N.E.	Kilmacolin	3 3/4 m	N.E.

RAINFALL at Kilnabreena W.W. Station No. 5298

41

County of Renfrew Observer James Grier Esq.River Basin 2 - Clyde - Left BankType of Gauge StandardAnnual Average 67.6 in. based on 640 years obs. un-weighted. Period of average X Ref. File No.

Diameter	5"				659	888					
Height	1'0"					1					
Altitude	600'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	111	920	8.03	11.12	4.40	11.06	8.89	9.70	10.73	7.62	
February	542	224	10.40	3.69	11.06	6.64	1.93	7.81	9.50	6.56	
March	278	539	4.75	2.00	5.86	3.53	5.67	7.79	3.50	3.92	
April	275	300	6.91	4.42	3.65	3.94	11.58	5.83	9.97	5.00	
May	271	383	4.04	5.74	6.52	2.05	5.31	2.17	3.93	2.19	
June	152	290	4.37	5.96	5.16	4.70	4.44	7.66	1.64	2.77	
July	335	507	3.44	5.83	5.30	4.65	5.78	6.54	2.29	6.26	
August	567	665	9.54	4.53	3.23	3.41	.02	8.13	6.15	6.74	
September	240	839	5.44	7.31	6.94	10.90	7.36	9.34	2.90	13.22	
October	695	1061	13.88	7.90	9.13	0.83	3.66	10.10	8.30	7.00	
November	576	214	4.63	10.20	1.50	8.77	10.92	6.59	9.90	5.29	
December	586	1170	4.15	8.65	6.26	8.07	4.13	9.97	14.86	2.43	
TOTALS	4628	7112	79.58	77.35	69.51	68.55	70.19	71.63	83.67	69.60	
	D	D	D	D	D	D	D	D	D	D	

67 103 114 112 101 99 62 133 121

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.

BRITISH RAINFALL ORGANIZATION

Station No. 5298

RAINFALL at Hilmacalm (Waterworks)

51

County of RenfrewObserver James Greig Esq.River Basin Glyde Left Bank 2Type of Gauge SnowdonAnnual Average 67.0 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 573
" " 70.02 " " 36 " 1916-59 " " 1916-50 " 5

File No.

Diameter ...	5"				659	888						
Height ...	1' 0"					1						
Altitude ...	600'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	8.14	8.89	4.91	9.03	4.97	4.92	8.71	8.50	2.90	4.91		
February ...	4.56	2.92	3.05	6.31	4.30	1.91	4.92	4.55	2.62	6.70		
March ...	3.56	4.87	2.23	5.73	2.26	3.50	6.25	1.16	5.07	2.75		
April ...	4.77	3.03	2.87	3.36	4.22	1.50	2.60	2.15	4.59	7.53		
May ...	1.99	1.72	2.28	3.80	4.28	3.23	2.13	4.05	1.64	2.69		
June ...	2.55	4.24	1.29	5.72	3.26	3.49	2.04	3.59	4.28	3.52		
July ...	4.42	3.35	4.72	3.76	1.27	5.26	5.94	5.75	7.85	5.23		
August ...	5.29	6.84	4.21	6.30	1.31	5.81	6.49	4.46	1.54	4.92		
September ...	5.13	(5.19)	6.76	10.20	6.06	5.87	4.00	5.94	1.37	3.81		
October ...	2.00	7.78	3.58	11.24	4.96	4.27	6.74	5.74	8.48	3.29		
November ...	8.22	2.26	11.63	12.37	3.16	3.37	2.30	2.07	4.86	8.56		
December ...	13.17	7.13	7.49	10.03	11.80	10.43	6.72	6.16	10.21	8.83		
TOTALS ...	63.80	58.22	55.02	89.85	61.85	53.56	58.84	54.12	58.41	62.74		
	D	D	D	D	D	D	D	D	D	D		

00104

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NS(24) 317674

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ <u>61-11-10-19</u>	✓ <u>61-11-20</u>	✓	✓	
	—	— <u>61-11-20-30</u>	✓	✓	