

# RAINFALL AT Glengarnock Chemical Works

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Ayr

Rain Gauge, by \_\_\_\_\_ Observer G. Harrower, Esq.

Clyde, L. bank - 1.

Diameter ...										8	
Height .....										1 6	
Altitude ...										100?	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										5.07	
February ...										3.38	
March .....										1.56	
April .....										5.71	
May .....										2.63	
June .....										3.16	
July .....										4.95	
August .....										3.78	
September ..										3.70	
October ...										7.65	
November ..										3.46	
December ...										7.83	
TOTALS ...										52.88	

1909-10 recd. 25.VI.12; entd 25.VII.12

G. & S.W. Station  $\frac{1}{4}$  m. S.W.

Parish Ch.  $\frac{1}{2}$  m. S.W.

RAINFALL at Glenarnock, Chemical WorksCounty of AyrObserver G. Harrower, Esq.River Basin Clyde left bank tribut - 1.

A. Shanks 1918.

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

Diameter ...	8										
Height .....	1 6								1 5		
Altitude ...	1002							115			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.48	5.69	4.16	4.59	4.65	5.34	7.86	3.98	6.15	5.84	
February ...	5.84	10.30	4.18	5.04	5.42	7.15	6.67	1.24	8.57	1.01	
March .....	3.19	1.92	5.83	5.60	6.25	3.25	1.31	2.65	1.98	4.34	
April .....	3.79	3.49	3.01	4.23	4.08	4.35	5.95	2.08	.85	5.70	
May .....	2.77	4.01	1.80	3.53	1.81	1.38	4.97	4.40	2.50	.89	
June .....	1.72	2.68	6.17	3.60	1.30	2.46	2.18	3.42	2.17	6.56	
July .....	4.16	3.12	3.16	1.42	2.39	4.28	3.51	1.59	3.80	1.69	
August .....	9.38	3.83	3.11	2.06	5.45	2.34	4.67	4.63	3.23	4.00	
September ...	2.07	2.55	3.50	2.49	3.11	1.47	2.89	4.83	7.33	4.75	
October ...	1.62	4.94	6.67	2.47	2.34	3.55	7.16	10.48	7.57	1.55	
November ..	6.12	7.99	5.98	8.46	6.36	2.63	5.13	12.90	6.41	5.98	
December ...	5.83	9.00	9.14	7.04	7.38	5.88	6.71	4.54	6.67	10.02	
TOTALS ...	52.97	59.52	56.71	50.83	50.54	44.08	58.91	56.74	57.23	49.33	

1909-10 recd. 25. VI. 12. entd. 25. VII. 12.

1917 Stevenson Screen, 4 1/2 ft high 67 ft 5

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55° 44' 49"	4° 38' 49"	G. G. S. W.	2 m.	S. W.	Parish Kilbarnock	2 m.	S. W.
				1120 yds	SW		1540 yds	W by N

RAINFALL at Glenarnock (Chemical Works)County of Ayr.Observer L. Shanks, Esq.River Basin 1. GlegaleLeft Bank Tributaries.Shoulder Rain Gauge, by

MO 1929?

Diameter ...	8				- 8							
Height .....	1.6	1	0		15.0							
Altitude ...	115	110			120				105			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANS.
January ...	6.56	10.53	5.09	7.57	7.52	5.31	6.81	7.41	11.22	2.53	5.95	
February ...	8.38	1.92	6.72	6.37	2.08	4.16	6.27	3.47	4.53	3.25	.37	
March .....	5.34	9.01	2.53	3.34	.96	3.06	4.72	4.49	5.23	1.86	3.53	
April .....	1.79	1.93	3.33	4.25	3.88	6.07	2.61	4.17	1.92	1.51	2.27	
May .....	7.06	3.44	5.92	2.13	5.03	8.62	2.89	2.89	1.96	3.60	2.36	
June .....	2.79	1.08	3.12	1.28	3.41	.67	3.72	4.94	5.27	3.41	2.75	
July .....	5.46	6.02	3.74	5.94	4.35	1.86	4.00	5.21	3.46	6.15	3.20	
August .....	7.79	7.90	3.91	7.84	3.99	4.23	5.28	6.46	4.75	8.53	5.50	
September...	2.26	2.99	4.03	9.25	5.37	3.47	3.56	6.95	4.27	1.73	3.53	
October .....	2.15	6.31	3.66	8.50	4.01	5.50	6.58	6.38	9.37	7.62	8.18	
November...	5.82	4.34	5.25	6.53	5.06	1.41	6.49	5.32	8.19	8.70	6.13	
December...	6.55	11.60	5.09	7.36	6.53	4.19	3.67	1.42	5.63	11.79	5.44	
TOTALS...	62.95	67.07	52.39	70.36	52.19	48.55	56.60	57.01	65.80	60.68	49.21	
	0	2	0	4	4	0	0	0	0	2	0	

1920. Stormy season, little rain. 6% off. L.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	55° 44' 47"	4° 39' 49"	Glenarnock (C.W.)	470 yds	W	Kilbarnie	800 yds	W S W
	55° 47' 27"	4° 40' 25"					1000 yds	



RAINFALL at Glangarnock (Chemical Works)County of AyrObserver A. ShapiroRiver Basin 1- Clyde - Left BankInsurance Edwards Ltd.Type of Gauge M.O.Annual Average 5.44 in. based on 20 years obs. un-weighted. Period of average 1891-1910 Ref. S

Diameter	8"										
Height	15' 0"										
Altitude	105'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.54	8.86	4.28	5.29	3.41	5.00	5.75	7.82	5.19	3.93	
February	5.07	.02	3.78	.59	5.57	2.19	6.57	3.05	6.69	2.31	
March	1.50	2.70	2.68	2.35	1.96	3.52	1.40	3.31	4.33	5.41	
April	2.44	4.49	3.20	3.61	3.13	1.63	2.27	.78	2.80	2.66	
May	4.01	3.48	2.79	3.02	.78	2.04	1.81	4.14	1.14	.60	
June	6.10	1.83	2.75	2.52	3.89	1.92	3.72	5.82	2.15	1.08	
July	4.30	4.11	4.03	2.60	2.06	6.31	4.96	4.70	5.84	2.37	
August	1.59	3.00	4.31	4.78	1.65	3.31	3.80	3.32	2.24	2.51	
September	1.53	6.11	.78	7.27	6.24	5.21	2.92	4.99	2.87	5.05	
October	4.53	7.44	3.25	8.55	11.31	6.53	2.88	11.55	2.64	5.44	
November	4.56	5.12	2.97	2.07	6.15	4.55	.57	9.10	9.31	7.05	
December	5.45	7.74	1.78	8.70	4.53	6.45	8.49	3.90	3.92	7.57	
TOTALS	49.62	54.90	36.60	51.35	50.68	48.66	40.14	62.48	49.12	46.78	
	D	D	D	D	D	D	D	D	D	D	

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
1931			Glangarnock	2000'	SSW.	Kilbinnie	1026 yds	W.N.W.

Station No.

5209

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RAINFALL at Glengarnock (Chemical Works)County of Ayr

Observer

Messrs. Colville's Ltd.

River Basin

1- Clyde - Left Bank

Type of Gauge

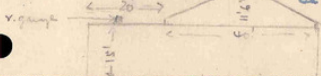
(1)

Annual Average 51.4 in. based on 20 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref S

File No.

Diameter	8"										
Height	15'0"										
Altitude	105'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.21	9.12	5.57	6.30							
February	3.64	2.20	7.47	2.20							
March	2.76	3.61	2.35	1.06							
April	1.58	2.17	4.05	3.10							
May	2.86	3.28	4.03	4.00							
June	1.09	2.20	4.18	3.82							
July	3.90	4.22	2.60	4.95							
August	4.86	5.54	7.52	3.31							
September	2.10	6.06	3.05	6.81							
October	5.73	6.54	8.68	6.37							
November	3.75	.73	3.33	7.30							
December	2.81	7.62	2.85	5.18							
TOTALS	36.29	53.29	55.68	54.40							

Alt. of 54.4 in. based on 20 yrs. obs. when g. was at 1'6". Since 1924 g. has been about eight feet from two sides of a roof incline perfect 15 ft. from ground. at a distance of 12 ft from g. roof begins to rise & a point 11'6" above flat portion  
 1944 n.p. roof exposure  
 1948 Station terminated no ground site available where gauge would be free from interference.



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.
1941			Glengarnock	2000'	SSW	Kilbennie	1026 yd	WNW.

BRITISH RAINFALL ORGANIZATION