

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 Glengarnock, Chemical WorksCounty of AyrObserver G. Harrower, Esq.

A. Shanks 1918

River Basin Clyde left bank trib - 1.

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	4.89	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	2.70	
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	2.48	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	7.46	10.48	7.57	1.55	
November ..	6.12	7.99	5.98	8.46	6.36	2.63	5.18	12.90	6.41	5.98	
December ...	5.53	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 ft high 6 jds S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55°44' E	43°39'.49	9.9 d W. 1518	2 m. 1130 yds	S.W.	Parish Kilmarnock	2 m. 1540 yds	S.W. by N

RAINFALL at Glenarnock (Chemical Works)County of Argt. Observer L. Shankland Esq.,River Basin 1 Clyde -
Left Bank Tributaries.

Shoulder Rain Gauge, by _____

Mo 1929?

Diameter ...	8				- 8							
Height	16	1	0		15.0							
Altitude ...	115	110			120					105		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEAN.
January	6.56	10.53	5.09	7.87	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	3.7	
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	3.58	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	3.61	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	6.85	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	59.01	65.80	60.68	49.21	
	0	3	0	0	+	0	0	0	0	0	0	

1920. Glenarnock, Clyd. 696 off. S.

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

Reference No. _____

Date.	Lat. N.	Long. E.C.T.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	55° 44' 44"	4° 56' 19"	Glenarnock (C.R.L.)	470 yds	W	Kilbirnie	800 yds 1000 ft	W SW

RAINFALL at Glengarnock (Chemical Works)County of AyrObserver A. ShakesRiver Basin. 1 - Clyde - Left BankMessrs. Soulie's Ltd.Type of Gauge. M.O.Annual Average 5.4 A.in. based on 20 years obs. un-weighted. Period of average 1931-1940 Ref. S

Diameter	<u>8"</u>										
Height	<u>15' 0"</u>										
Altitude	<u>105'</u>										
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	5.59	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	1.62	2.27	7.82	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	7.56	5.12	2.97	2.07	6.15	4.55	.57	9.10	9.31	7.85	
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	46.98	
	D.D.	D.D.	D.D.	D.D.	D.D.	D.D.	D.D.	D.D.	D.D.	D.D.	

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	Parish Church.	Distance from gauge
1931.			Glengarnock	2000'	SSW.	Killinie	1026yds W.N.W.

Station No.

5209

RAINFALL at Glengarnock (Chemical Works)

41

County of Ayr

Observer Messrs Colville's Ltd.

River Basin 1-Clyde-Left Bank

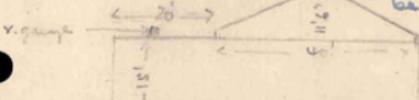
Type of Gauge ⑩

Annual Average 5 ft. 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	2.95	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	7.3	3.33	7.30							
December	2.81	7.62	2.85	5.18 #							
TOTALS	36.29	53.29	55.68	54.40							

Avg. of 54.42 based on 20 years. when gauge was at 15' 0" since 1924 g. has been about eight feet from two sides of a roof without project 15 ft. from ground. At a distance of 12 ft. from g. roof begins to rise & a point 11' 6" above flat portion
 1944 no roof exposure
 1948 station terminated, no ground site available where gauge would be free from interferences.



Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Glengarnock	2000'	SSW	Kilbirnie	1026yd	WNW