

## RAINFALL at HAWARDEN COUNTY SCHOOL

County of FLINTSHIREObserver A Lyon Esq M.A.River Basin Dee - 1

County School

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

Hawarden.

Diameter ...	5"										
Height .....	10"										
Altitude ...	257 ft.										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...		0.55	3.89	3.07	1.29	2.70	0.91	1.96	1.41	2.31	
February ...	2.45	1.24	1.31	0.96	1.97	2.56	2.44	1.34	1.66	1.31	
March .....	0.75	0.98	3.07	3.23	2.29	1.08	2.67	1.86	0.51	3.45	
April .....	2.59	0.67	0.34	3.52	0.48	0.93	1.43	1.68	1.76	1.34	
May .....	1.84	0.67	2.32	2.19	1.85	1.98	3.06	3.15	3.25	0.62	
June .....	2.57	3.02	3.57	1.74	2.63	0.64	1.10	1.53	1.79	0.90	
July .....	4.00	0.85	1.61	2.05	6.63	2.59	1.22	1.21	3.31	1.51	
August .....	3.08	2.39	6.32	2.92	2.35	3.58	2.13	8.97	2.00	3.30	
September...	0.16	3.63	1.21	1.48	2.50	1.24	2.92	0.97	5.94	2.34	
October .....	2.49	2.11	2.89	3.17	1.19	2.37	3.71	4.33	2.04	3.79	
November...	4.76	1.98	1.97	1.86	3.00	3.50	3.00	1.80	1.64	2.08	
December...	3.63	3.88	1.97	1.65	5.93	4.46	1.95	1.16	3.56	4.78	
TOTALS...											

Back year 1910 - 1921 read 13/1/30

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
	53° 11' 20"	3° 2' 20" W	Hawarden L & N.E.	$\frac{1}{2}$ ml	SE	Hawarden	$\frac{2}{3}$ ml	ESE

RAINFALL at Hawarden County SchoolCounty of Glent Observer A. Lyon Esq., M.A.River Basin Dee 1 E. Williams (1929)London Rain Gauge, by \_\_\_\_\_

Diameter ...		5								5	
Height .....		9	6	0	11					0	10
Altitude ...		260					220			257	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>Means</del> 1930.
January ...	2.75	3.26	3.88	1.68	1.99	2.01	2.67	2.37	3.50	1.23	3.69
February ...	2.45	2.5	2.65	3.88	4.7	4.13	2.12	1.18	2.21	.90	0.57
March .....	3.72	1.07	2.51	.83	.61	.82	.61	3.24	2.02	.09	4.12
April .....	3.97	.95	2.20	1.84	1.65	1.84	.69	1.59	1.09	.76	3.01
May .....	2.71	1.29	4.4	2.70	5.04	2.62	3.43	1.13	1.96	1.58	1.11
June .....	2.65	23	1.14	.25	1.77	.04	1.59	4.46	3.87	1.76	1.53
July .....	5.52	.70	3.43	2.89	5.80	1.78	4.01	3.19	.95	2.48	4.10
August .....	1.57	3.43	2.74	3.40	3.35	4.20	2.76	4.55	2.60	2.75	3.88
September...	2.11	.67	2.86	2.82	3.00	3.23	2.58	3.61	1.56	1.58	3.68
October .....	2.59	2.64	.35	4.41	3.41	3.49	1.85	2.26	3.12	3.43	4.02
November...	.72	2.59	1.21	2.27	1.87	3.27	4.31	3.69	3.32	4.49	3.76
December...	2.50	2.61	3.60	3.48	2.55	2.47	.71	1.64	2.08	3.26	4.05
TOTALS...	33.26	19.69	26.81	30.45	31.51	29.90	27.33	32.96	28.28	24.31 25.12	57.52 D.

1921. House 30 ft. high 107 ft. NW - S.W.

School 20 ft. 10 ft. S.W.

1925 House 30' .. 24' W  
School 20' .. 22' S

1926 Late mp.

1920. Record received & entered 13<sup>th</sup> January 1930.

1930. Grass and flowers 6" all around.

G. read 8.50. a.m.

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
1921	53° 11'	3° 2'	Hawarden	1/2 mi	SE	Hawarden	3/4 mi	E.S.E.
1925			- do -	1/2 m	E by S	- do -	3/4 m	E

RAINFALL at

St. Dennis's Hilary (1938) 36 High Park (1939)  
Hawarden (County School)

County of Flint

Observer G. H. Williams

River Basin 1-Dee

Type of Gauge A.O.

Annual Average ~~2.12~~ in. based on 7 years obs. ~~un-weighted~~ Period of average 1881-1915 Ref. S  
average not to be used N. 29 1/2

928733/29

Diameter	5.										
Height	0.9										
Altitude	257							249			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.41	2.83	1.82	1.61	1.30	0.34	3.23	4.06	5.16	2.95	3176
February	2.37	.04	3.02	.12	2.28	2.41	5.29	.63	2.82	2.48	2146
March	.48	1.63	1.84	2.35	.99	2.03	2.71	.66	2.04	2.47	1720
April	2.84	3.37	1.00	2.12	2.40	1.94	2.68	.17	2.04	2.68	2124
May	3.08	3.69	1.20	1.60	1.30	1.58	2.25	2.82	1.52	2.63	2167
June	4.92	.56	1.50	.85	2.68	4.54	1.25	2.94	2.37	1.40	2303
July	1.68	5.14	1.50	.77	.85	2.35	1.41	2.56	5.86	3.50	2562
August	5.91	1.54	.82	2.34	1.62	1.11	1.60	4.00	1.71	.47	2112
September	3.50	1.75	.61	1.43	4.91	3.45	1.66	1.07	0.89	3.72	2198
October	1.27	4.54	3.65	3.40	4.20	1.43	3.16	3.20	4.01	3.87	3273
November	4.43	2.78	1.27	1.89	4.68	2.85	1.86	3.54	4.73	5.81	3384
December	1.69	.63	.53	4.62	3.80	2.66	3.29	3.60	1.81	2.77	2540
TOTALS	34.58	28.50	18.76	23.10	31.01	32.71	30.44	29.25	34.96	33.75	29706

1934 Grass lawn. Tennis wire fence 8' high 12' E.S.E.

1938 Gauge moved  $\frac{3}{4}$  ml. E.S.E. on 5/2/38

1938 Hedge 5' high 12' away; Monument 25' high 19' away.

1940 Open fence 4½' high 12' E. House 31' W.

Station formerly known as Hawarden (County School) recorded for R.R. 1938

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.			Hawarden	$\frac{1}{2}$ m.	S.E.	Hawarden	$\frac{3}{4}$ m.	S.E.
1938			Hawarden	$\frac{3}{4}$ ml.	W	Hawarden	$\frac{1}{2}$ ml.	N.N.E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.



Station No. 4372

RAINFALL at Hawarden, 36 (High Park)

41

County of Flint

Observer C. E. Williams, Esq.

River Basin 1-Dec

Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 925733/29

Diameter	5	549	100								
Height	0 9		1			0' 10"					
Altitude	249		41			256	✓				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.69	3.63	4.45	3.37	3.24	2.98	2.25	6.64	2.65	0.63	
February	3.59	1.26	2.24	1.49	1.98	4.35	2.25	1.39	1.16	4.79	
March	2.80	1.99	1.10	0.77	0.81	1.02	5.40	0.914	2.31	0.78	
April	1.25	1.29	1.20	0.94	1.62	0.59	2.60	1.50	2.50	2.97	
May	2.15	3.28	2.50	1.52	3.46	2.58	3.30	0.84	2.26	0.95	
June	0.40	0.37	2.54	1.62	2.21	3.41	2.45	3.37	0.63	0.96	
July	1.42	3.06	3.51	2.10	3.51	2.27	4.00	1.91	2.58	1.70	
August	3.42	2.23	2.28	2.03	2.95	4.60	0.29	2.49	1.80	4.28	
September	0.32	1.47	4.83	3.99	0.97	2.61	1.59	1.56	0.93	4.28	
October	3.62	2.29	3.49	5.02	4.36	0.94	0.72	1.75	3.37	2.01	
November	3.19	0.97	3.04	5.53	0.32	4.79	3.82	1.54	3.26	3.74	
December	1.12	3.81	1.49	2.10	3.06	3.63	2.22	3.24	3.05	3.22	#
TOTALS	27.97	25.65	32.67	30.48	28.49	33.77	30.89	27.17	26.26	20.41	

1941 Open Fence 4½' high 12' E. 1942 flaxers, onions and beans various heights and distances away.  
House 31' W.

1950 Open Fence 4½' high 12' East. House 31½' to West. Garden crops 1' high 2' to N.

256' + seems more likely from 2½" map  
2/73

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map.....

Reference No. 33 - 311661

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1941			Hawarden	370 yd.	S.	Hawarden	530 yds	S.E.
1942			Hawarden	½ ml	SSE	Hawarden	2 ½ ml	ESE
1944			Hawarden	330 yd.	S.S.E	Hawarden	530 yds	S.E.

BRITISH RAINFALL ORGANIZATION