

## RAINFALL at Rowton Holly Bank

County of Cheshire

Observer R. J. Salmonkey

River Basin Dee

4

Rain Gauge, by

Diameter ...				5							
Height .....				1.5							
Altitude ...				123							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				2.82	1.22	3.35	.63	1.95	1.46	2.79	683
February ...				1.17	1.48	2.67	2.47	1.37	1.23	1.53	660
March .....				3.14	2.51	1.27	1.67	2.05	.84	6.22	1078
April .....				3.43	.65	1.08	1.22	1.47	1.18	1.58	545
May .....				2.98	1.70	1.74	2.38	3.91	4.33	.48	1810
June.....				1.80	2.14	.61	1.34	1.91	1.08	1.47	577
July .....				1.20	4.13	3.37	1.45	1.05	5.38	1.58	946
August .....				2.24	2.44	3.27	2.81	6.64	2.40	3.43	1528
September ..				1.55	2.80	.46	2.56	1.09	5.62	2.40	1167
October ...				2.51	1.63	1.62	3.91	5.36	1.80	4.70	1547
November ..				2.09	3.29	3.04	1.94	2.43	2.02	2.87	876
December...				1.28	5.72	4.70	1.59	1.11	4.80	5.70	1320
TOTALS ...				26.21	29.71	27.28	23.97	30.34	31.81	34.25	12037

1913 Wall 15° 6' high 32 ft NW  
 15° 6' 16° 9" NE  
 8° 6" 12° 10" SW

N.B. annual Values rejected from Survey, 1928.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53. 11	2.49		Waverton	1/2 m	S	Christleton	1 m	NW

## RAINFALL at Proton Holly Bank

(1925) G.H. Salmon

County of Cheshire)

Observer P. J. Salmon Esq.

River Basin Dee 4

J. H. Salmon.

Snowdonia Rain Gauge, by  
(1927)

Diameter ...	5							5				
Height .....	1. 5							1.5				
Altitude ...	123							123	Metres above Sea Level			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	123
January ...	3.18	3.66	3.28	2.10	2.80	1.82	2.32	2.78	3.79	1.33	4.24	3130
February ...	2.50	2.6	1.92	4.80	71	4.26	3.23	1.66	1.59	.93	.29	2215
March .....	3.68	.93	1.64	1.20	1.11	.60	.66	3.84	1.32	.34	3.93	1925
April .....	4.28	1.46	2.13	2.06	2.05	1.87	1.81	2.38	1.44	1.00	.275	2193
May .....	4.26	1.52	.57	3.40	6.60	3.09	4.32	1.56	1.32	1.69	1.50	2982
June .....	4.65	.18	1.23	1.47	1.66	.02	1.97	5.17	5.47	2.00	.96	2378
July .....	6.50	.73	3.24	3.81	5.39	3.32	3.28	3.50	1.48	3.12	6.00	4043
August .....	1.60	3.68	3.52	3.08	5.17	4.87	3.84	5.16	3.21	3.69	3.82	4104
September..	3.80	.66	2.68	3.48	3.17	4.17	3.92	4.56	1.74	2.03	.391	3412
October.....	2.93	2.92	.37	4.22	3.58	4.99	2.21	2.35	3.48	4.29	.412	3546
November...	.50	2.26	1.17	1.93	1.49	3.45	5.66	3.22	4.01	5.89	3.23	3233
December...	1.74	2.39	4.34	3.90	3.25	2.37	1.04	1.32	2.04	4.73	4.69	3184
TOTALS...	39.52	20.65	26.09	24.47	36.98	34.53	33.26	37.55	30.92	20.54	38.94	36345

1920 Wall 13' 9" high 32 ft NW

" 18' 9" " 17' 8" NE  
" 10' 0" " 18' 8" SW.

Ordnance Survey (1928)

N.B. Annual values, 1920-25, rejected from Survey, 1928.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.		
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 11'	2° 49'	Waverton	1/2 mi	S	Christleton	1 mi NW

## RAINFALL at Rawton (Holly Bank).

County of Cheshire.

Observer J. H. Salmon, Esq.

River Basin Dee - 4

Type of Gauge.

Annual Average 27.3 in. based on 7 years obs. un-weighted. Period of average 1881-1945 Ref. S.

Diameter	5'											
Height	1.5'											
Altitude	123.	213										123 *
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.36	1.90	1.49	1.44	1.64	5.44	2.21	3.57	5.82	2.01	2.788	
February	1.87	.02	2.75	.28	2.10	1.85	4.92	.47	2.78	2.53	1.957	
March	.21	1.48	2.19	1.72	.70	1.43	1.50	.60	1.65	2.15	1.363	
April	2.82	2.65	.80	1.91	2.20	1.63	3.29	.14	1.61	2.00	1.905	
May	3.04	4.08	1.41	1.26	1.37	.81	2.21	2.87	1.70	2.36	2.121	
June	5.40	.42	1.69	.98	2.88	4.02	1.44	2.47	2.46	1.59	2.335	
July	2.25	3.50	1.76	1.26	.93	2.55	1.78	2.63	6.72	3.60	2.698	
August	6.60	1.60	.76	2.47	2.00	1.64	2.36	5.68	1.98	.48	2.557	
September	3.60	1.81	.56	1.26	5.00	3.90	1.99	.81	.95	3.14	2.302	
October	1.54	5.40	3.47	3.09	4.51	1.51	3.21	3.30	3.21	3.63	3.287	
November	3.63	2.21	1.85	2.35	4.75	2.88	1.98	3.46	3.74	6.71	3.356	
December	1.45	1.00	.70	4.66	3.94	2.80	3.56	3.83	2.13	2.47	2.654	
TOTALS	34.77	26.07	19.43	22.68	32.02	30.46	30.55	29.83	34.75	32.67	243.23	
	2	2	2	d.								

Buildings 10' high 22° NW : Buildings 10' high 18° NE : Buildings 10' high ne 8° SW.  
1934 Wall 12' 9" high 32° NW. Wall 13' 9" high 17° 8' NE. Wall 10' high 13° 8' S.W.

X 213 ft. is impossible from map.

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			Waverton	1/2 m. 1m.	S. S.	Christleton	1m.	N.

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

Station No. 2795

## RAINFALL at Ranton (Molly Banks)

41

County of Cheshire

Observer J. H. Salmon Esq.

River Basin Dee - 4

Type of Gauge

Annual Average 27.3 in. based on 7 years obs. unweighted. Period of average 1881 - 1915 Ref. S

548 655

File No. E 818/43

Diameter	5"	0	P	0	5		548 655			
Height	1' 0"	M	each figs	M	1' 5"	"	1' 0"	1	1'	
Altitude	123'	T	only	T	213'			41		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January	3.06	2.60	3.81	3.00	1.37	2.64	1.54	5.30	2.14	.38 2584
February	2.81	1.50	1.44	1.10	1.49	3.46	1.12	1.06	1.19	4.28 1942
March	2.70	2.10	.67	.70	.72	.75	4.42	.75	2.26	1.12 1619
April	1.42	1.30	1.02	1.00	.87	.71	2.42	1.59	2.31	2.61 1525
May	1.72	3.10	2.06	1.50	2.63	1.41	2.31	.78	2.67	.88 1901
June	.50	.10	1.97	1.20	2.12	3.47	1.89	3.17	.45	1.89 1626
July	3.02	2.60	3.39	1.90	2.49	2.92	3.50	2.30	2.76	2.18 2701
August	3.69	2.10	2.80	2.60	2.33	4.65	.41	2.21	1.56	4.31 2666
September	.61	1.40	3.60	3.30	1.06	2.66	1.94	1.29	.60	4.47 2043
October	3.84	2.10	3.90	4.10	3.87	.69	.50	1.81	2.63	1.99 2543
November	2.84	1.50	3.70	4.30	.44	4.01	3.67	1.51	3.53	3.82 2835
December	1.16	3.00	1.30	1.30	2.00	3.87	2.92	2.72	2.45	2.42 2264
TOTALS	27.40	2340 (2966) D	N.R. imp	(2600) D	21.39	3074 D	26.64 D	24.49 D	24.05 D	29.72 D 26299

1941 Wall 13' 9" high 32' N.W. Wall 13' 9" high 17' 8" N.E. Wall 10' high 13' 8" S.W.  
1942 N.R.

down Churn S.W.

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.	Direction
1941			Hawerton L.M.S.	1 m.	S.	Chirkleton	1 m.	N.

Station No. 3795 T 2000-52

## RAINFALL at Hawton (Holly Bank)

51

County of Cheshire

Observer

J. H. Salmon Esq. due 2<sup>nd</sup>

River Basin Dee - 4

J. D. Salmon, Esq.

Type of Gauge.

Annual Average 27.3 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. F 818/43

Diameter ...	5"	0	548	655							
Height ...	1' 1'	1		1							
Altitude ...	213'	1		51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.61	(1.87)									
February ...	1.89	(.69)									
March ...	4.47	(.94)									
April ...	1.47	(1.76)									
May ...	2.75	(1.74)									
June ...	.96	1.42									
July ...	2.78	(1.88)									
August ...	3.45	(1.43)									
September ...	1.68	2.66									
October ...	.69	(4.00)									
November ...	5.73	(1.22)									
December ...	3.15	(3.00)									
TOTALS ...	30.63	22.61	NR.								
	d	d									

1951 Shrubbs 15' at 25' d  
1952 Most months app 1003b. 1953 Nophturis 154

Position of Station on Ordnance One-Inch map :			No. of Map .....	National Grid Reference S 7 447642		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Hawton	5 m.	Christleton	1 m. N.N.E

## Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1913 D 14, C ~ 19	✓	✓	D 36-40 D 37-35	41, 45-50 D 41, 45, 46, 48-50 d 67