

RAINFALL at Northop (Soughton Hall)County of FlintObserver Sir John Bankes

River Basin.....

Type of Gauge.....

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

Diameter											
Height											
Altitude											
Year	1861 1881	1862 1882	1863 1883	1864 1884	1865 1885	1866 1886	1867 1887	1868 1888	1869 1889	1870 1890	Means
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS					29.30	34.90	31.27	30.90	34.86	27.97	

21. 8. 1939. Annual totals received for years 1865-1870. *W.H.*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	Parish Church.	Distance from gauge.	Direction

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

RAINFALL AT Flint Loughan Hill Northop

Lat.

Lon.

County of

Flintshire,

Rain Gauge, by

Observer, J. Scott Bankes

See - 1.

Diameter...												
Height												
Altitude ...												
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January ...								5.07	3.09	1.40		
February. ..								2.54	1.19	1.96		
March								3.41	1.48	1.84		
April								2.90	1.77	2.87		
May								2.33	4.43	2.18		
June .....								.99	2.57	5.45		
July								3.56	1.12	4.81		
August								4.85	5.71	8.12		
September ..								2.57	3.49	2.48		
October								3.04	3.80	1.67		
November ..								4.44	3.78	1.49		
December ..								2.05	3.17	1.68		
TOTALS ..	32.50	32.60	56.23	26.00	29.60	35.20 (34.00)	37.84 (37.00)	377.5	35.60	35.95		

* *

* Ampley est. for average V. 12

Back years 1871 - 1876 received 21/8/39 LSH.

RAINFALL AT *Flint-Soughton Hall, Northop*

Lat. _____

Lon. _____

County of *Flint*

Rain Gauge, by _____

Observer *J. Scott Banks, Esq.*

Dec - 1.

Diameter	5											
Height	0.8							1.2		-7		
Altitude	418											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.76	.92	2.60	3.57	3.18	1.76	4.01	3.26	.97	.59	2.162	
February	1.98	3.59	2.55	2.55	2.92	2.99	1.14	.63	.84	2.43	2.162	
March	1.59	3.86	2.09	1.35	2.45	1.47	2.34	1.74	2.30	2.65	2.184	
April	1.56	.68	5.50	.66	1.47	2.37	1.71	.88	1.04	3.86	1.973	
May	2.45	2.00	.92	1.84	1.59	2.34	5.53	2.67	.59	2.49	2.242	
June	3.67	2.93	3.02	2.73	1.72	1.75	1.02	1.46	2.06	.54	2.090	
July	6.33	1.60	3.19	2.13	3.43	1.15	3.37	2.96	6.75	3.01	3.392	
August	1.99	4.66	3.45	2.24	1.01	1.78	1.29	2.34	4.12	4.42	2.730	
September	2.20	1.68	1.40	5.35	3.04	3.63	2.87	2.87	.79	3.20	2.708	
October	6.01	4.38	2.89	4.27	1.82	6.55	4.33	3.58	1.51	4.46	3.980	
November	3.19	3.23	5.12	3.00	2.84	2.94	2.73	1.48	5.86	2.14	3.253	
December	5.70	3.11	4.76	2.45	2.69	1.46	5.87	2.68	1.91	2.41	3.304	
TOTALS	37.43	32.64	37.49	32.14	28.16	30.24	36.21	26.55	28.74	32.20	32.180	

RAINFALL AT

Flint Soughton Hall Northop

Lat.

Lon.

County of

Flint

Rain Gauge, by

Observer

J. Scott Banks Esq
J. Eldon Banks Esq

Dec - 1.

Diameter	5										
Height	0 10	1.0									
Altitude	418										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.87	1.54	3.62	1.68	1.76	3.88	1.44	1.72	1.51	4.52	2.584
February	1.03	.22	1.89	3.29	1.94	.39	1.32	1.96	3.45	1.76	1.725
March	1.85	1.35	1.53	.67	1.44	3.60	4.29	2.56	1.01	1.12	1.942
April	1.51	2.20	1.32	.67	1.87	1.98	1.29	2.34	2.21	3.02	1.841
May	1.86	3.37	3.00	1.41	2.74	.82	.43	1.55	4.78	2.20	2.216
June	2.15	5.17	3.65	2.16	2.46	1.62	3.71	2.95	2.30	2.75	2.892
July	2.96	2.15	2.49	2.70	3.44	3.83	1.60	.61	.88	1.99	2.265
August	4.59	4.25	3.45	2.17	3.11	2.25	2.91	3.85	4.20	1.12	3.190
September....	.99	3.05	3.86	2.93	.69	1.03	4.65	5.35	1.47	3.29	2.721
October	2.86	3.55	8.91	2.37	3.86	4.63	5.77	1.75	4.37	4.31	4.228
November....	7.34	3.04	1.71	1.89	2.81	3.83	1.21	3.65	1.62	1.67	2.877
December ....	.93	4.09	3.60	3.21	2.74	2.95	4.17	2.64	2.43	2.97	2.973
TOTALS	31.94	33.98	39.03	25.15	28.86	30.81	32.79	30.93	30.23	30.72	31.444

1898 Northop Church 3/4 mile NNE 1880

RAINFALL AT

77
Flint Soughton Hall Northop

Lat.

Lon.

County of

Flint

Rain Gauge, by

Observer

J. Eldon Bankes Esq

Dec - 1.

Diameter ..	5											
Height	1 0											
Altitude ..	418											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	3.04	2.19	2.06	2.99	2.80	1.66	4.54	1.42	2.33	1.85	2.488	✓
February ..	4.75	1.75	1.96	2.15	4.87	1.04	2.73	1.53	2.13	1.46	2.437	✓
March ....	.94	2.96	1.86	4.06	2.15	3.39	2.69	2.10	4.19	3.65	2.799	✓
April	1.17	2.22	2.21	2.14	.85	2.18	1.19	1.80	3.84	2.86	2.046	✓
May	1.49	1.39	4.07	3.51	1.89	.62	2.18	2.50	2.19	.74	2.058	✓
June	1.33	2.56	2.09	1.24	1.14	3.16	1.08	2.78	2.20	2.82	2.040	✓
July	1.92	3.21	1.49	3.78	2.30	2.23	.85	2.90	2.55	2.76	2.399	✓
August	7.40	2.95	3.40	4.23	5.09	4.64	2.98	2.77	2.96	2.10	3.852	✓
September ..	.63	1.04	1.26	4.41	1.71	1.34	1.18	.60	3.37	3.18	1.872	✓
October	5.94	3.29	4.00	8.04	1.04	2.44	4.60	6.49	1.90	4.44	4.218	✓
November ..	4.02	3.83	1.63	2.90	2.15	4.37	2.85	2.32	2.63	1.29	2.799	✓
December ..	3.02	4.66	2.90	1.94	2.25	.62	5.64	2.61	2.55	6.60	3.279	✓
TOTALS ..	35.65	32.05	28.93	41.39	28.24	27.69	32.51	29.82	32.84	33.75	32.25	✓

1906 Northop Church 1 mile H
mold Station 2 1/2 . 5

Hub

RAINFALL at Northop Soughton HallCounty of FlintObserver Sir John E. BanksRiver Basin Dec 1

- Lord Justice Banks

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	485										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Total 1910-1919 Means.
January ...	2.48	.62	5.05	3.50	1.96	3.97	1.16	2.44	2.00	2.62	8.22
February ...	2.93	1.69	1.39	.93	2.07	3.73	3.80	1.46	2.23	1.62	9.11
March	1.20	1.38	3.59	4.08	2.93	1.75	2.73	3.00	1.06	5.90	12.69
April	3.30	.81	.55	3.10	.79	1.25	2.90	2.33	1.37	2.26	8.86
May	2.64	.93	2.80	1.60	1.72	2.12	3.35	2.95	3.12	.91	10.36
June	2.96	3.39	3.83	1.90	2.94	1.39	1.27	2.45	1.93	1.97	7.62
July	3.83	.66	2.61	1.73	5.35	2.63	2.20	.83	3.30	1.50	7.87
August	3.16	2.97	7.00	2.79	1.86	4.19	2.38	7.48	1.88	4.12	15.86
September ..	.29	4.14	1.87	1.55	2.69	1.26	3.80	.94	6.60	2.46	13.80
October ...	3.40	2.33	3.53	3.64	1.28	2.58	4.04	5.53	2.26	4.53	16.69
November ..	6.83	2.65	3.16	2.08	4.01	4.44	3.23	3.35	2.30	2.95	11.83
December ...	5.10	4.16	2.36	2.78	6.94	4.90	2.31	1.44	5.66	6.59	16.00
TOTALS ...	38.12	25.73	37.74	29.65	34.54	34.21	33.20	34.23	33.71	37.79	338.93

✓ 44

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Northop	2½ mi	SW	Northop	½ mi	NE

RAINFALL at Northop (Lord Loughton Hall)County of HlrbObserver Lord Justice BankesRiver Basin See 1St John BanksSnarston Rain Gauge, by
(1929)

Diameter ...	5												
Height	1.0												
Altitude ...	418												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.	1920-30 Totals	
January ...	3.32	3.71	4.84	2.76	1.96	2.42	2.86	3.26	3.95	1.32	4.68	35.08	
February ...	2.65	.48	3.26	3.91	.60	4.99	2.02	2.22	2.63	.76	.76	24.28	
March	4.48	1.22	2.37	.77	.24	.97	1.07	4.59	1.73	.36	3.99	21.82	
April	4.80	1.28	2.22	1.79	1.65	2.43	.95	1.84	1.56	1.16	3.36	23.04	
May	2.94	1.52	.42	3.20	5.68	2.96	3.20	1.38	2.39	2.06	1.74	27.49	
June	2.96	.36	2.18	.69	1.85	.04	2.08	5.29	4.10	2.47	1.69	23.71	
July	5.85	1.04	4.00	2.56	5.05	2.53	6.75	2.45	1.13	2.52	4.69	38.57	
August	2.25	3.05	2.93	3.35	3.74	4.36	2.72	6.77	3.33	3.40	4.27	40.17	
September...	2.89	.86	2.88	2.95	3.50	3.68	3.17	4.69	2.13	1.54	3.28	31.57	
October	2.67	2.68	.72	5.10	4.38	4.11	2.66	2.37	4.00	4.21	5.37	38.27	
November...	0.59	2.54	1.79	2.96	1.90	3.59	4.21	4.85	5.05	5.93	4.28	37.69	
December...	2.45	3.15	4.57	4.64	2.77	3.22	.88	1.50	2.98	5.64	4.79	36.59	
TOTALS...	37.85	21.89	32.18	34.68	33.35	35.30	32.57	41.21	34.98	31.37	42.90	278.28	

1921 Garden Wall 10ft high 15ft W.

1929. Dec. 18-28 corrected (7.739462/27)

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
	53° 12'	3° 8'	Hold.	2 1/2 m.	S.W.	Northop	5 m.	N.E.
1925			"	2 1/4 m.	N.W.	- do -	3 1/4 m.	S.E.

RAINFALL at Northolt (Soughden Hall)County of SussexObserver St John BanksRiver Basin 1-DeeType of Gauge B.A.Annual Average 32.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.A.N.

Diameter	5.											
Height	1.0											
Altitude	418											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1921-40 Mean 1945	
January	3.41	2.88	2.00	2.12	2.29	2.91	3.45	4.01	5.83	3.24	3214	
February	3.23	.07	3.42	.28	2.91	3.07	6.51	.98	3.43	2.49	2639	
March	.39	1.98	2.19	2.98	.96	2.90	3.21	.95	2.64	2.52	2072	
April	3.44	4.10	.97	2.46	2.91	2.22	4.37	.20	2.57	3.75	2699	
May	3.14	4.19	1.60	1.90	1.82	1.53	2.36	2.37	1.87	2.59	2337	
June	5.72	.55	2.18	1.18	3.68	4.98	1.90	3.43	2.10	1.20	2702	
July	1.96	6.33	2.07	.96	2.92	2.97	1.96	3.78	6.32	2.97	3224	
August	6.35	2.18	1.07	3.19	1.06	1.23	1.50	3.35	2.06	1.08	2306	
September	3.80	3.27	.60	2.06	5.41	3.97	1.00	1.54	0.82	2.41	2668	
October	1.41	5.96	5.11	3.87	5.93	2.04	3.78	3.74	4.84	4.26	4094	
November	5.01	3.36	1.61	2.08	6.20	3.22	1.72	4.06	4.87	6.17	3830	
December	1.90	1.23	.89	5.38	4.66	4.19	3.78	4.33	2.43	3.23	3202	
TOTALS	39.76	36.10	23.71	28.46	40.74	35.23	36.34	32.74	39.88	36.91	34987	1
	D			D	D	D	D	D	D	D		14

1933. Gauge raised 10 ft. high 16 ft. W.

1940. Low part estd.

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
1933			Wold	27 mi	S.	Northolt	1/2 mi.	N.

Station No. 4275

RAINFALL at Northop (Sungate Hall)

41

County of Flint

Observer Sir John Bannister 31/12

River Basin 1-Dee

R. W. BARRIS, Esq. (946)

Type of Gauge B.F. Snowden (1947)

Annual Average 32.1 in. based on 25 years obs. un-weighted. Period of average 1851-1915 Ref. B.F.N

File No. 739167/77

Diameter	5				549	231						
Height	10					1						
Altitude	48					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	1941-50
January	5.35	4.48	5.21	3.72	3.60	3.32	2.26	7.65	2.99	0.97	39.55	
February	3.68	2.04	2.99	1.71	2.44	5.12	2.02	1.63	1.73	5.49	28.85	
March	3.81	2.79	1.11	0.99	1.59	1.45	6.51	0.93	3.47	1.39	23.04	
April	2.07	1.42	1.24	1.05	1.03	0.69	2.75	2.08	2.76	3.86	18.95	
May	2.75	3.29	2.97	2.12	3.49	2.38	3.31	1.11	2.64	1.36	25.42	
June	0.40	0.39	3.28	1.50	2.31	2.92	1.94	4.38	0.46	1.29	18.87	
July	1.70	3.63	2.26	1.98	2.28	3.03	3.94	2.66	2.49	1.99	25.96	
August	4.24	2.43	3.18	2.07	1.68	5.54	0.49	4.10	2.19	4.12	30.04	
September	0.65	1.97	5.78	5.01	1.54	3.46	2.00	1.83	1.77	4.92	28.93	
October	3.63	3.05	4.16	5.13	4.17	1.27	0.73	2.24	4.59	2.81	31.68	
November	3.01	1.28	3.38	5.88	0.54	5.41	3.93	1.74	3.73	4.84	33.44	
December	1.78	3.89	2.31	2.17	3.16	4.06	3.03	3.56	3.70	3.91	31.57	
TOTALS	32.97	30.66	37.87	33.33	27.83	35.65	32.91	33.91	31.52	26.62	336.30	

149. May corr by Feb. to form 1090.

299.65

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.
1947			mold	2 1/2	S.E.	Northop	1 m.	N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 4275

RAINFALL at horthop (Soughton Hall)

51

County of SheshireObserver R. W. Bankes, Esq.River Basin 1-DeeType of Gauge SnowdonAnnual Average 32.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.S.N.
34.38 " " " " " 1916-1950 1916-1950
File No. 739462/27 P

Diameter ...	5"				549	281						
Height ...	1' 0"					1						
Altitude ...	418'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	2.73	3.97	0.89	2.40	2.28	3.97	1.61	3.31	4.35	5.30	30.81	
February ...	3.18	1.74	1.61	2.30	2.66	0.60	2.61	6.20	0.28	2.26	23.44	
March ...	5.82	0.82	0.85	1.99	2.36	2.27	1.75	1.86	1.40	2.28	21.40	
April ...	1.59	1.39	2.99	0.81	1.28	2.63	0.47	0.57	4.87	1.61	18.21	
May ...	3.67	2.09	2.46	2.97	3.47	0.69	1.49	2.37	2.02	1.98	23.21	
June ...	1.68	1.70	1.65	4.14	3.47	1.72	2.02	4.94	2.76	1.25	25.33	
July ...	1.08	1.65	2.89	3.95	0.43	4.53	5.16	2.94	2.87	3.73	30.23	
August ...	3.41	2.29	2.63	4.33	1.20	7.69	4.90	2.78	1.07	3.61	33.91	
September ...	2.25	3.85	2.95	2.51	1.97	2.81	8.25	3.83	0.15	4.74	33.31	
October ...	0.89	4.74	1.28	4.75	2.20	2.54	2.20	3.31	3.14	6.13	31.18	
November ...	7.88	2.72	2.34	7.18	1.68	1.26	2.69	2.19	4.94	5.41	37.79	
December ...	4.26	4.37	1.32	3.62	3.76	3.27	3.20	2.98	5.28	3.27	35.33	
TOTALS ...	38.26	31.33	23.86	40.95	26.76	33.98	36.35	38.28	32.03	41.57	344.15	
	D	D	D	D	D	D	D	D	D	D		

100?

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 55(3) 244671

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1947			hord	2 1/2 mi SE	horthop	1 mi N.W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1920-24 1925-30 D	1931 D 1932 1933-40 D	1941 - 1942-50 D	