

RAINFALL at Northwich Hants Lock

County of Cheshire

Observer Col G. A. Tamm Esq C.R.

River Basin Mersey Weaver 2

Snowdon Rain Gauge, by

Diameter ...				8								
Height				1.0								
Altitude ...				47.25								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...					1.65	3.87	1.70	2.25	1.74	2.67	8.36	
February ...					1.42	2.96	3.60	1.35	2.43	1.05	8.33	
March					2.95	1.57	1.71	1.93	1.21	5.74	10.59	
April73	1.00	2.07	1.89	.95	1.73	6.64	
May					1.85	1.61	2.04	3.20	2.85	1.06	9.15	
June.....					1.85	1.18	2.49	2.35	1.92	1.81	8.57	
July					5.05	4.13	1.99	1.12	4.04	1.51	8.66	
August.....					#	2.55	3.65	2.50	6.41	2.82	3.86	15.29
September ..					1.41	2.23	.42	2.04	1.63	6.69	2.07	12.43
October ...					2.41	1.33	1.61	3.61	5.72	1.63	2.51	13.47
November..					2.45	3.75	2.39	2.21	3.23	2.03	2.09	9.56
December...					1.95	5.03	4.94	2.85	1.32	3.08	5.69	14.44
TOTALS ...					30.42	29.33	28.21	32.40	33.39	31.49	125.49	

1913 removed from Highfield
"g. in good position" G.A.S.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Northwick Hunts Lock

County of Cheshire

Observer Col J. A. Sauer C.E.

River Basin Mersey-Weaver 2.

Weaver Navigation Trustees.

Snowdon Rain Gauge, by N.83.

Diameter ...	8											
Height	1.	0										
Altitude ...	47											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
											20-30	
January ...	3.94	3.64	3.79	2.28	2.99	2.34	2.49	3.47	5.87	1.95	4.24	37.00
February ...	2.92	4.45	3.12	4.26	7.77	4.41	3.18	1.34	2.56	.98	.25	34.24
March	3.42	1.64	1.75	1.67	1.10	1.05	1.24	3.39	1.68	.74	2.46	20.14
April	4.54	1.27	2.29	2.63	2.32	1.56	1.07	2.73	1.00	.68	2.82	22.41
May	4.52	.94	.85	3.63	4.90	4.08	3.17	1.63	1.13	1.87	2.18	38.90
June	4.15	4.42	2.40	4.78	2.27	1.07	1.42	4.40	5.10	1.55	1.62	33.88
July	5.95	1.59	3.88	3.92	4.06	2.64	3.96	3.02	1.83	2.65	4.78	37.28
August	1.98	4.23	3.52	4.25	4.18	2.84	3.17	3.61	2.40	3.23	3.35	36.76
September...	2.93	.65	2.98	3.47	3.56	3.92	3.89	5.17	.97	2.15	2.91	32.60
October.....	1.25	2.57	.30	4.29	4.21	4.24	2.93	2.37	3.82	6.08	4.17	33.23
November...	.66	2.10	1.33	2.30	1.27	1.98	4.94	2.65	4.27	5.61	3.72	30.83
December...	1.87	3.07	4.56	4.43	3.39	2.17	1.24	1.53	1.85	5.41	3.26	32.77
TOTALS...	38.13	21.57	30.47	37.91	35.02	31.30	32.70	35.31	32.48	31.90	35.25	36.04

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
926.			Northwick	2 mi	S. Helen's Witton Witton	
927			Northwick	1 m. E	Witton	1 m. E
			Northwick	1/2 m	Danebridge	1/2 m

RAINFALL at Northwich (Hunt's Lock)

County of Cheshire

Observer Weaver Navigation Trustees,

River Basin Mersey - Weaver - 2

Type of Gauge Glaisher's Snowdrum
(on inspection)Annual Average 30.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Box N
740074/27.

Diameter	8.											
Height	1.0.											On inspection 1 5
Altitude	47.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total	
January	2.77	2.87	1.45	1.89	1.88	3.89	3.10	3.83	4.75	2.44	28.84	
February	2.79	1.12	2.64	1.25	2.50	2.01	5.14	.91	2.21	2.16	26.73	
March	1.50	1.57	2.21	1.84	1.06	1.28	1.35	.81	1.63	2.47	14.72	
April	2.71	2.96	0.92	1.42	2.32	1.63	3.30	1.31	1.76	2.49	19.72	
May	2.79	4.77	1.25	1.27	1.15	1.19	2.35	2.73	1.35	1.11	19.96	
June	5.19	.61	2.24	2.01	4.14	2.67	1.19	2.54	2.99	1.33	24.91	
July	2.71	2.82	1.61	1.49	.81	3.42	1.99	3.28	6.10	4.96	29.19	
August	7.17	1.21	0.87	2.67	1.46	1.61	3.28	3.49	1.54	.80	24.10	
September	3.97	2.61	0.86	1.99	4.94	5.01	1.37	1.16	.78	3.04	25.73	
October	1.27	5.82	3.68	3.02	4.26	2.19	2.07	4.11	2.31	3.73	32.46	
November	3.81	2.49	1.11	1.91	4.30	3.02	2.11	3.83	4.29	6.26	33.13	
December	1.52	.98	0.42	4.62	3.53	3.46	2.49	3.56	1.16	2.75	25.09	
TOTALS	37.20	28.83	19.26	24.38	32.35	31.28	29.74	30.56	31.47	33.51	298.58	
D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

2. Open site

+ Inspected 22/9/38 by Dr Glaspole. Gauge sound; exposure very good.

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
1931			Northwich	1m	E	Castle	1m	N
1935			Northwich	1½ m	E	Castle	½ m	N

Station No. T.F. 2776

RAINFALL at Northwich (Mint's Lock) ✓

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County of Cheshire

Observer Weaver Navigation Trustees

River Basin Mersey & Weaver 2

DOCKS & INLAND WATERWAYS EXECUTIVE

Type of Gauge Standard

Annual Average 20.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 87 N

File No. YH00Y4/27

Diameter	8"		554	163							
Height	15"			1							
Altitude	470'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.41	3.29	3.90	3.51	2.82	2.85	2.00	6.51	2.76	1.09	3114
February	3.09	1.43	1.38	1.36	2.34	4.44	.81	1.57	1.88	4.37	2267
March	2.64	1.63	1.03	.68	.74	.65	5.35	.58	2.46	1.50	1726
April	.98	1.40	1.38	1.62	1.46	1.16	2.40	1.33	2.72	3.14	1759
May	2.19	3.26	1.82	1.87	3.84	1.41	2.20	1.18	3.23	1.19	2219
June	1.67	.24	2.77	2.07	2.79	3.02	2.07	4.03	.87	1.86	2139
July	2.02	2.96	2.51	2.95	1.33	3.08	1.75	2.40	1.50	4.03	2453
August	3.65	2.14	3.12	2.89	2.47	4.84	.34	5.49	2.91	3.94	3169
September	.91	2.40	3.77	3.91	1.45	3.81	1.85	1.85	.66	4.78	2539
October	3.67	2.91	3.31	4.02	4.75	1.78	.62	2.00	3.30	2.29	2865
November	2.09	.66	2.32	4.87	.49	4.81	3.14	1.96	4.95	4.19	2948
December	1.18	3.47	1.24	2.25	2.52	3.61	2.20	2.76	4.06	2.86	2615
TOTALS	26.40	25.79	28.55	32.00	27.00	35.46	24.73	31.66	31.30	35.24	29813

1944 n.p. Gauge reading 218/45. Read new results after adjustment.

may be low

26 2. 8 9
4 3 2

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

Station No. 2776

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RAINFALL at Hawthorpe (Hunts Lock)County of Cheshire

Observer

Dale & Black Waterways CommitteeRiver Basin Mersey & Weaver - 2

BRITISH WATERWAYS

Type of Gauge Snowdon H.D.

Annual Average 30.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N
 30.98, 1916-1950 P
 File No. 740074/27 E16426/53

Diameter ...	8 ¹ / ₂		554	163						
Height ...	1' 5 ¹ / ₂			1					1' 5 ¹ / ₂	
Altitude ...	471			51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means
January	2.24	3.23	1.04	2.10	2.31	4.55	1.51	2.67	2.78	5.10
February	2.22	(1.61)	1.17	2.37	2.07	.38	1.87	4.62	3.32	2.40
March	4.55	1.58	1.46	2.35	1.94	1.09	2.61	1.52	1.32	1.31
April	2.58	2.73	2.61	.63	1.84	3.04	.53	.80	2.96	1.67
May	2.71	2.29	1.87	2.21	2.84	.96	1.32	2.53	2.64	2.06
June	1.21	2.02	1.68	3.55	3.03	2.28	1.54	4.39	2.73	2.40
July	2.24	2.01	3.00	3.57	.60	5.41	4.98	4.07	2.48	4.01
August	3.54	1.35	3.33	3.77	.87	11.06	3.67	3.10	1.23	4.54
September	2.40	2.55	2.62	3.97	1.68	2.33	7.17	4.49	.19	3.14
October	1.03	3.97	1.69	5.06	1.70	2.58	3.03	3.00	2.81	3.97
November	6.82	2.30	2.09	5.44	1.59	1.30	1.56	1.74	3.51	4.91
December	4.29	2.97	1.21	4.25	3.44	2.68	2.66	3.39	5.02	2.97
TOTALS ...	35.83	28.61	23.77	39.27	23.91	37.66	32.45	36.32	27.99	38.54
	D	D	D	D	D	D	D	D	D	D

1952 Feb 1 east NO30D 2000 ft

1956 Feb 6 Mete recorded by tape, during measure in 1955.

1957 Feb 23 10am est. for Snow.

Prob. 51957/6.0K. Largest imbedded. From 25°, 20°SE, 20°, 20'S, 25°, 40°WSW, 20°, 35°NW.
 Prob. from 20° SSW.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 33/656729

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

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
	Cimp 1913 D14 16-19	✓	✓	✓ n.p. 44	✓