

RAINFALL AT Northwich Lostock Gralam

Lat.

Lon.

County of Cheshire

Snowdon Rain Gauge, by C. Wallin

Observer Mess^t Brunner Mond & Co.
Ronoe Brunner

weaver - 2.

Mean Precip.

Diameter ..			5									
Height ..			36									
Altitude ..			75 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..			1.46	2.40	1.74	1.15	3.86	1.02	1.88	1.41		
February ..			1.49	1.68	2.78	1.27	2.56	1.51	2.19	.95		
March ..			1.76	3.27	1.16	2.58	2.43	2.06	2.43	2.46		
April ..			2.16	1.43	1.39	2.00	1.06	1.23	2.62	1.69		
May ..			3.68	2.73	1.52	.59	2.43	2.68	2.80	1.32		
June ..			1.47	1.74	.99	1.83	1.61	4.32	1.94	4.06		
July ..			1.76	2.82	2.04	2.19	1.17	3.51	3.47	3.81		
August ..			3.59	3.96	3.68	3.25	3.13	3.64	2.55	3.62		
September ..			1.07	4.12	1.69	1.64	2.13	.48	3.30	2.39		
October ..			2.97	5.19	1.21	2.49	4.29	3.48	1.99	4.11		
November ..			1.42	2.94	1.83	3.03	1.80	1.93	2.18	1.03		
December ..			2.03	.94	1.96	.34	3.67	1.96	2.31	6.11		
TOTALS ..			24.81	33.22	21.99	22.36	30.14	27.82	29.66	32.96		

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1902 Lostock Gralam Church 126 yards E

Shed 33 ft high 16 ft W

1903 Lostock Gralam Station 3/4 mile E

N.B. Values rejected when Rainfall Survey
 Map prepared in Nov. 1928.

RAINFALL at Northwich Lestock Gralam

County of Cheshire

Observer Mef. Barnes Mond & Co.

River Basin Mersey-Weaver 2

M. G. Johnson

Snowdon Rain Gauge, by Casella

Diameter ...	5										
Height	3.6										
Altitude ...	757										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.64	.90	3.43	2.70	1.45	3.66	1.43	2.22	1.77	2.35	Total 15 1671.5
February ...	1.59	2.16	.92	1.17	1.28	2.75	3.58	1.20	2.27	.83	7777
March50	1.26	4.20	3.44	2.87	1.63	1.77	2.05	1.14	5.34	7.88
April	2.88	1.77	.29	3.08	.77	1.01	2.03	1.88	.89	1.71	10.30
May	2.90	.52	1.93	2.09	1.72	1.60	2.22	3.88	2.55	.85	6.51
June	2.05	2.65	3.14	2.03	2.27	1.89	2.20	2.22	1.84	1.68	7.50
July	3.75	.51	3.31	1.04	4.66	4.38	1.17	1.07	3.63	1.51	7.38
August	5.91	2.07	5.66	1.89	2.47	4.18	2.60	6.25	2.72	3.65	15.12
September ..	.28	3.41	1.60	1.24	2.20	.47	3.27	1.74	6.57	1.98	13.56
October ...	2.34	2.61	2.86	2.32	1.21	1.52	3.39	6.25	1.36	2.61	12.51
November ...	4.80	2.29	2.37	2.25	3.39	2.33	2.16	3.23	1.86	2.18	9.43
December ...	2.93	4.68	2.62	1.66	4.69	4.82	3.14	1.23	4.90	5.13	14.40
TOTALS ...	32.57	24.83	32.33	24.91	28.98	29.74	28.86	32.22	31.50	29.72	112.30

shed 38 ft high 164 ft w

K. D. Values rejected from Survey 1928.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53°15'43"N	2°28'47"W	Lestock Gralam	3/4 m	E	Lestock Gralam	126 yds	E

RAINFALL at Northwich Lostock Gralam

County of Cheshire

Observer Mess^s Brunner Mood & Co.
1921 G Johnson

River Basin Mersey- Weaver 2

per R. E. Wickinson (C.S.)

Snowdon Rain Gauge, by Casella

Diameter ...	5"								5"		5"
Height	3.6								1		1.0"
Altitude ...	75								75		75'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.55	3.68	3.86	2.34	2.79	2.23	2.44	3.20	5.93	2.10	4.26
February ...	2.65	3.39	3.33	4.32	1.90	4.30	3.31	1.26	2.46	1.12	2.1
March	3.28	1.64	1.98	1.63	1.15	1.89	1.23	3.14	1.47	.73	2.61
April.....	4.48	1.24	2.49	2.71	2.26	1.33	1.93	2.74	0.93	.86	2.50
May	3.75	1.07	1.90	3.65	5.47	4.09	2.92	1.46	1.40	1.91	2.09
June	3.85	1.37	1.77	1.68	2.27	1.04	1.43	4.42	5.04	1.59	1.23
July	6.28	5.57	4.08	3.57	3.99	2.63	3.55	3.26	1.86	2.46	5.83
August	1.70	4.31	3.73	4.04	4.17	3.00	3.33	4.18	2.42	3.39	3.50
September...	2.79	1.69	3.28	3.78	3.46	3.75	4.17	5.18	0.96	2.23	2.57
October.....	1.01	2.33	1.35	4.44	4.24	4.10	3.16	2.14	3.95	5.17	4.45
November...	6.61	2.10	1.39	2.36	1.26	1.98	4.75	2.50	4.55	5.76	3.55
December...	2.07	3.16	4.73	4.61	3.28	2.05	1.87	1.44	1.84	5.05	3.35
TOTALS...	36.02	21.55	31.89	38.13	35.24	30.39	32.09	34.92	33.14	32.37	35.65
	D	D	D	D	D	D	D	D	D	D	D

1920 sheet 334 high 164 ft. N.W.

N.B. Data (1920-5) reprinted from Survey, 1928

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920	53°15'43"	2°28'47"	Lostock Gralam	3/4 mi	E	Lostock Gralam	1216 yds E

2779
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RAINFALL at Northwich (Lostock Gralam)

F. C. I. (Alkali) Ltd.

County of Cheshire

Observer Messrs. Brunner, Mond & Co.

River Basin... Mersey-Weaver-2.

Type of Gauge. Snowdon.

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

Ref.

7/2/28/26.

Shed 30' high back' W.

Position of Station on reduced Ordnance Survey Map, }
1 mile to 1 inch Series } 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			Lacock Graham	3/4 m	E	Lacock Graham	126 yds E.

Station No. 2719

RAINFALL at Northwich (Lorlock Graham)

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County of Cheshire Observer J. G. J. (alkali) Ltd.

River Basin Mersey - Weaver - 2

Type of Gauge Standard

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

Ref.

File No. 712.128/26

Diameter	5"		556	550							
Height	1' 0"				1						
Altitude	75'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.00	3.07	4.05	3.46	2.31	2.78	1.89	6.19	2.40	1.23	29.38
February	2.95	1.23	1.50	1.29	2.48	4.32	.62	1.39	1.52	4.61	21.91
March	2.70	1.96	1.99	.61	.76	.59	4.95	.71	2.88	1.82	17.37
April	1.04	1.31	1.27	1.73	1.49	1.26	2.11	1.30	2.42	3.42	17.35
May	2.02	3.69	1.95	2.09	3.86	1.41	1.86	1.06	3.15	1.12	22.21
June	1.46	.21	2.84	1.92	2.81	3.07	2.38	3.84	.76	1.46	20.75
July	1.81	2.99	2.30	3.26	1.05	3.08	2.04	2.36	2.08	3.28	24.25
August	3.90	2.12	3.01	2.60	2.60	4.17	.31	5.05	1.49	4.86	29.90
September	.76	2.14	3.39	3.27	1.43	3.36	1.83	1.66	.92	4.80	23.06
October	3.54	3.08	3.31	4.15	4.73	1.30	.54	1.79	2.68	1.98	27.05
November	2.25	.61	2.07	4.64	.52	4.44	2.91	1.79	4.40	4.07	27.70
December	1.16	3.19	1.10	1.92	2.39	3.36	2.15	2.47	3.46	2.87	24.07
TOTALS	25.59	25.60	27.78	30.94	26.43	33.14	23.59	29.61	27.86	34.46	285.00

1941 School 33' high 166° W.

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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.
1941			Lorlock Graham	3/4 m.	E	Lorlock Graham	121 6 y.

Station No. 2779

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RAINFALL at Northwich (Lostock Gralam)

County of Cheshire

Observer

F.C.S. (Alkali) Ltd.

River Basin Mersey - Weaver - 2

Type of Gauge C. snowdon

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 30.38 .. " .. 35 .. " 1916-1950 1916-1950 File No. 712158/26 P

Diameter ...	5"			556	550							
Height ...	11' 6"					1						
Altitude ...	751				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	2.18	2.87	.86	2.06	2.26	3.97	1.41	2.47	2.36	4.62	25.05	
February	2.00	1.24	1.00	2.27	1.98	.39	2.12	4.33	.35	1.95	17.63	
March	4.40	1.42	1.35	2.11	1.78	.85	2.41	1.39	1.19	1.05	18.00	
April	2.7	2.63	2.51	.58	1.69	2.71	.42	1.01	2.83	1.39	17.94	
May	2.71	1.88	1.58	2.02	2.66	.90	1.07	2.70	2.50	1.67	19.68	
June	1.28	1.74	1.73	3.24	3.61	1.90	1.56	3.89	1.95	2.28	23.18	
July	2.07	1.74	2.73	3.49	.61	5.71	5.11	3.91	2.24	4.60	32.71	
August	3.37	1.05	3.33	2.84	.73	9.27	3.32	2.72	.58	4.20	32.41	
September	2.21	2.28	2.45	3.39	1.71	2.04	6.30	3.78	.14	2.93	27.23	
October	1.75	3.52	1.60	4.66	1.61	2.39	2.42	2.65	2.69	3.84	26.13	
November	6.31	1.84	1.90	4.70	1.36	1.08	1.68	1.40	3.35	4.67	28.29	
December	4.29	2.61	1.11	3.85	2.98	2.59	2.74	3.24	4.46	2.71	30.58	
TOTALS ...	34.29	24.82	22.15	36.21	22.96	33.80	30.56	33.49	24.64	35.91	298.83	
	D	D	D	D	D	D	D	D	D	D		

1951 there was 33" at 1641 ft.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 331682743

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Lostock Gralam	3/4 m. E.	Lostock Gralam	1211 X E

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
	✓	✓	✓	✓	✓