

RAINFALL AT Northwich Lostock Gralam

Lat.

Lon.

County of ...

Cheshire

Snowdon

Rain Gauge, by ...

Observer, Messrs Brunner, Mond & Co.

weaver - 2.

Roscoe Brunner & Co.

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			3.63	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		

1902 Lostock Gralam Church 12 1/2 yds E
 Shed 33 ft high 16 ft W
 1903 Lostock Gralam Station 3 1/4 mile E

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

RAINFALL at Northwich Lostock GralamCounty of CheshireObserver Messrs Brunner Mond & Co.
1921 G. JohnsonRiver Basin Mersey-Weaver 2per W. A. Wilkinson (Sec)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	1930 MEAN	
January ...	3.55	3.68	3.86	2.34	2.79	2.23	2.44	3.20	5.93	2.10	4.26	Totals.
February ...	2.65	.39	3.33	4.32	.90	4.30	3.31	1.26	2.76	1.12	.21	24.55
March	3.28	1.64	1.98	1.63	1.15	.89	1.23	3.14	1.47	.73	2.61	19.75
April	4.48	1.24	2.49	2.71	2.26	1.33	.93	2.74	0.93	.86	2.50	22.47
May	3.75	1.07	.90	3.65	5.47	4.09	2.92	1.46	1.40	1.91	2.09	28.71
June	3.85	.37	1.77	.68	2.27	.04	1.43	4.42	5.07	1.59	1.23	22.72
July	6.26	.57	4.08	3.57	3.99	2.63	3.55	3.26	1.86	2.46	5.33	37.58
August	1.70	4.31	3.73	4.04	4.17	3.00	3.33	4.18	2.42	3.39	3.50	37.77
September...	2.79	.69	3.28	3.78	3.46	3.75	4.17	5.18	0.96	2.23	2.57	32.86
October	1.01	2.33	.35	4.44	4.24	4.10	3.16	2.14	3.95	5.17	4.45	35.34
November...	.61	2.10	1.39	2.36	1.26	1.98	4.75	2.50	4.55	5.76	3.55	30.81
December...	2.07	3.16	4.73	4.61	3.28	2.05	.87	1.44	1.84	5.05	3.35	32.45
TOTALS...	36.02	21.55	31.89	38.13	35.24	30.39	32.09	34.92	33.14	32.37	35.65	361.37
	D	D	D	D	D	D	D	D	D	D	D	426

1920 shed 33 ft high 164 ft W.

N.B. Values (1920-5) repeated 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.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 15' 43"	2° 28' 47"	Lostock Gralam	3/4 mi	E	Lostock Gralam	12 1/2 ds	E

RAINFALL at Northwich (Lostock Gralam)

I. C. I. (Alkali) Ltd.

County of CheshireObserver Messrs Brunner Mond & Co.River Basin Mersey-Weaver?Type of Gauge Snowdon

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

712/28/26.

Diameter	5.											
Height	1.0.											
Altitude	75.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.18	2.80	1.50	1.87	1.90	3.83	2.98	3.61	4.48	2.03		Totals 28.18
February	2.99	.13	2.53	.22	2.81	1.94	4.93	.97	2.19	2.01		20.72
March .....	.51	1.60	2.19	1.90	1.08	1.24	1.39	.72	1.58	2.28		14.49
April	2.74	3.06	1.02	1.72	2.60	1.60	3.32	.21	1.61	1.81		19.69
May	2.89	4.50	1.48	1.42	1.10	1.16	2.21	2.81	1.25	1.09		17.91
June	5.61	.63	2.13	2.08	4.01	2.53	1.07	2.50	2.96	1.13		24.63
July	2.78	2.95	1.64	1.47	.77	3.57	1.97	3.10	5.74	4.17		28.16
August	6.51	1.85	.94	2.66	1.29	1.50	2.68	3.51	2.17	.76		23.57
September	3.65	2.54	.81	2.00	4.75	4.43	1.50	1.13	.78	3.21		24.80
October	1.47	6.22	3.97	3.24	4.28	2.06	1.77	3.97	2.47	3.49		32.94
November	4.71	2.62	1.01	1.71	4.39	2.97	1.88	3.64	4.15	6.16		33.24
December	1.38	.96	.36	4.45	3.30	3.35	2.39	3.34	1.79	2.97		24.29
TOTALS	38.42	29.56	19.58	24.74	32.28	20.18	28.09	29.51	31.17	31.11		294.64
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		49.51

Shed 33' high 164' W.

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			Lostock Gralam	$\frac{3}{4}$ m	E	Lostock Gralam	1216 yds	E.

Station No. 2179RAINFALL at Northwich (Luttrell Graham)

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County of CheshireObserver J. G. I. (Gibson) Ltd.River Basin Mersey - Weaver - 2Type 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		Total 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	.99	.61	.76	.59	4.95	.71	2.28	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	2.03	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	4.35		29.90
September	.76	2.14	3.39	3.27	1.43	3.36	1.83	1.66	.92	4.30		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	30.34	26.43	33.14	23.59	29.61	27.86	34.46		285.00

1941 shed 33' high 16 1/2" W.

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.
1941			Dorlock Graham	3 1/4 m.	E	Dorlock Graham.	12 1/2 y.	E

BRITISH RAINFALL ORGANIZATION

Station No. 2779

RAINFALL at

Northwich (Lostock Gralam)

51

County of

Cheshire

Observer

J. E. J. (Alkali) Ltd.

River Basin

Mersey-Weaver-2

Type of Gauge

SnowdonAnnual Average 30.38 in. based on 35 years obs. un-weighted.

Period of average

Ref.

1916-1950File No. 1916-19507/12/50/26

P

Diameter ...	5"			556	550							
Height ...	1' 6"				1							
Altitude ...	751				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
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 ...	2.17	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 ...	2.57	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 ...	.73	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 then 23' at 164' W.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 33/682743

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