

102

10 4287

RAINFALL at Chirk Castle GardensCounty of Derbyshire

Observer

Mr James TertRiver Basin DeeInnsdaleRain Gauge, by N.Y.C.A.A. 35.89" 1916-50

36 yrs 1916-53 ex '36 '38.

Diameter ...	6	5									
Height	1.2										
Altitude ...	625										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS MEANS. 1916-19
January ...					1.97	4.23	1.96	1.83	3.25	3.70	10.54
February ...					4.73	6.69	3.18	.95	2.77	3.35	10.25
March					3.71	1.03	3.61	3.38	1.09	5.33	13.41
April					1.36	1.33	1.64	2.01	1.82	2.66	2.13
May					1.73	3.10	4.09	4.02	2.64	1.65	12.38
June.....					2.07	1.53	1.66	2.82	1.01	1.09	6.56
July					3.97	4.17	1.08	.94	4.35	1.34	7.71
August.....					2.21	3.86	1.49	6.91	2.30	2.78	13.42
September ..					1.54	.37	2.52	.92	7.87	2.00	13.31
October ...					1.75	2.84	6.39	4.67	1.93	3.99	16.98
November..					5.29	4.09	4.28	3.04	2.28	1.86	11.46
December...					9.37	8.53	2.21	1.31	5.49	6.02	15.03
TOTALS ...					39.70	41.77	33.89	32.80	36.80	35.75	139.20

1915 Buildings 14 gables 14 yards SW
 trees 25-30 24 NE

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52° 58' 10"	3° 52' 25"	Chirk	1 mi	E	Chirk	2 mi	E

RAINFALL at Chirk Castle Gardens.

County of Derbyshire

Observer at James Velt

River Basin Dee. /

Mr. J. A. Jones (1921)
for Mr. Howard de Walden

1921 Snowdon Rain Gauge, by H. F. T.

A.A. 35.89" 1916-50

A.A. 35.89 - 1916-50

364

36 yrs 1916-53 &c 1936. 38

W.M. 33-61 W.M. 33

1

1920 object. 44: 46. Dig.
— Spec. 3576. 75 p. N.E.

Deciduous 15 ft. soft. shr.

1930. Obs. taken in winter 9 a.m.

Summer

Summer

*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	Direction
1920	53° 30'	3°	Chirk	15 m.	E. SE	Chirk	2 m.	E. SE

RAINFALL at Chirk Castle Gardens.

County of Denbigh.

Observer Lord Howard de Walden.

River Basin 1-Deg.

Shannon (1940)

Type of Gauge Snowdon M.G. (1937)

Annual Average 35.89 in. based on 36 years obs. ~~w~~-weighted. Period of average 1916-50 Ref.

Diameter											TOTALS Means 1931-50
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.77	4.23	3.36	2.97	1.57	6.04	3.91	3.85	7.77	3.60	40.07
February	2.90	.11	3.22	2.20	3.49	2.84	6.13	1.08	2.07	3.41	2543
March	.76	2.25	2.45	2.76	.65	3.26	3.47	.33	3.04	2.68	2165
April	3.95	4.91	1.15	3.12	2.88	1.84	2.92	.13	2.15	3.39	2644
May	5.33	3.73	1.45	1.69	1.37	1.52	2.22	2.35	1.60	1.98	2324
June	3.39	.92	1.21	1.28	3.68	3.34	1.51	2.73	2.03	1.11	2120
July	2.29	4.39	1.55	.24	.82	3.16	1.73	2.84	6.19	3.06	2627
August	6.22	1.79	0.55	3.31	1.18	.50	2.28	4.10	1.67	.13	2173
September	4.20	2.46	0.85	2.08	5.17	3.47	1.37	1.24	0.92	1.48	2324
October	.79	6.28	4.05	3.33	4.05	1.24	3.65	4.38	3.24	5.23	3684
November	7.71	2.66	1.07	1.76	5.78	3.52	2.31	5.57	5.73	8.51	4492
December	1.90	1.84	0.58	6.91	3.48	5.47	2.75	3.43	2.34	1.47	3045
TOTALS	42.21	35.57	21.79	29.65	35.00	37.04	36.20	34.25	32.03	38.75	36.05
	D	D	D	D	D	D	D	D	D	D	34150 K17

1931. Trees 35' high, 75' N.E.
Building 15' " 50' E.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
1931.			Llantwit	1 1/2 m.	E.	Llantwit	2 m.

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

Station No. 4287

RAINFALL at Chirk Castle Gardens

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County of Denbighshire

Observer Lord Howard de Walden, Feb 1946

River Basin 1 - Dee

per Mr. J. A. Jones.

Type of Gauge Standard

Col. G. MIDDLETON

MR. H. G. CHEVERTON

diam. 6in. wt

1931-1935

Ref. I.W.S. (Dee)

Annual Average 34.4 in. based on 10 years obs. un-weighted. Period of average

35.89

35

1916 - 50

File No. 52674/36

Diameter	5			545	430						
Height	1	0			1						
Altitude	630				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total Means (1941-50)
January	5.92	4.53	6.54	3.55	2.86	4.64	4.02	8.43	3.60	1.12	44.25
February	4.68	1.55	1.89	1.13	2.93	3.84 (3.50)	2.39	2.97	6.59	6.59	30.77
March	3.33	3.09	0.95	0.80	1.06	1.57 (9.86)	1.57	2.08	2.13	2.13	26.14
April	1.17	3.13	1.42	0.98	1.63	0.54	4.68	2.28	3.79	3.48	23.10
May	3.13	4.80	4.36	3.53	3.17	3.70	2.95	2.00	2.72	0.95	31.31
June	0.83	0.19	1.80	1.40	2.97	3.32	2.02	4.51	0.43	0.76	18.23
July	2.24	2.11	1.82	1.92	2.23	1.60	3.92	2.58	3.72	2.53	24.67
August	3.22	4.18	2.06	1.85	2.33 (4.49)	0.50	3.84	1.64	5.02	2.13	
September	0.52	2.06	3.86	3.40	1.77 (3.14)	1.93	2.05	1.32	5.62	2.67	
October	2.59	1.24	3.56	5.56	5.11	2.55	0.41	1.76	5.47	2.23	30.48
November	3.91	0.90	3.00	5.75	0.35	7.47	2.25	2.18	4.61	3.87	34.29
December	2.04	4.16	1.63	2.88	4.04	4.82	2.25	5.82	3.52	3.37	34.53
TOTALS	33.58	31.94	32.89	32.78	30.45	41.68 (38.33)	39.41	34.77	37.67	352.87	

1943 Trees 35' High, 75' NE. Buildings 15' 50' SW.

1944 " 40' "

1945 Feb earth & man. part wood for snow

1948 Gauge mounted 10' N. April 1800 hrs S. Front trees 10ft high 26ft south.

1950 Front trees & open ridge 8' high 27' S, 12' high 42' S

1950 Front trees 8ft high 30ft S.

00204 30004

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map.....

Reference No. 37-264380

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Chirk	1½ mi	E	Chirk	2 mi	E.

Station No. 4287 ✓

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RAINFALL at Chirk Castle Gardens

County of Denbighshire

Observer Mr H.G. Cherton

River Basin 1 - Dee

Mr. John Ellis Jones
Llanfawr
11/24 22/51

Type of Gauge Snowdon

Annual Average 36.4 in. based on 10 years obs un-weighted. Period of average 1881 - 1910 Ref. 1. 13. S.

35.89 35

1916-50 File No. 526746/36

Diameter	5"				545	430					
Height	10"						1				
Altitude	630'		300' *				51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.05	4.85	0.84								
February	4.44	0.56	2.06								
March	5.20	1.02	0.86								
April	2.41	2.84	3.31								
May	3.77	2.74	2.91								
June	1.70	1.59	1.75								
July	1.70	2.84	2.46								
August	4.26	2.29	2.96								
September	1.95	2.74	3.57								
October	1.53	8.15	1.76								
November	8.73	2.58	3.05								
December	5.58	3.98	1.57								
TOTALS	44.81	36.08	27.10	NR							
	D	D	D								

1950 fruit trees 8' high 300' S.

1952. December value amended from 2.93.

x as chirk R & ft must be 300' + original it adopted

J.W.
12/72

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 37-269-180

Date.	Lat. N.	Long.	Railway Station.	Distance & Direction from gauge	Parish Church.	Distance & Direction from gauge.
1941			Chirk	1 mi E	Chirk	2 mi E

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1914-19 D	1920-30 D	1931-40 D	1941-50	1951-60
		1914	1920-24 D	1925-29 D	1941-45 D	1946-50 D
		1915-19 D	1926-30 D	D	1947-50 D	