

## RAINFALL at

102  
Chick Castle GardensCounty of Derby

Observer

Mr James Vent

River Basin

Der

1

Smarden

Rain Gauge, by

N43

A.A. 35.89"

1916-50

36yrs

1916-53 &amp;c '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	1.46	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	8.13
May .....					1.73	3.10	4.07	4.02	2.64	1.65	12.38
June .....					2.07	1.53	1.66	2.82	1.01	1.07	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	139.10

1915 Building 14 ft high 14 ft wide SW  
Der 25-30. 24. NE

Date.	Lat. N.	Long. ✓	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.56 10	3.525	Chick	1 m	E	Chick	2 m 1 1/4	E S

RAINFALL at Chick Castle Gardens

County of Darby

Observer: Mr. James V. V.

River Basin Dec. 1

Rev. J. A. Jones (1921)  
for Fred Howard de Walden

1921 Snowden Rain Gauge, by H. & H.

A.A. 35.89"

1916-50

36 yrs

1916-53

8

1936. 38

Diameter ...	5°				5°			5				
Height .....	1.2		1.1	1.6		1.0		1.0				
Altitude ...	625		630					630				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930.	Total 1920-30
January ...	2.99	4.56	5.32	2.10	3.36	3.94	5.03	4.30	6.59	2.11	6.76	18.86
February ...	2.79	.27	5.06	8.04	.74	3.94	2.61	2.52	3.28	.93	1.09	33.27
March .....	5.72	2.10	2.85	1.88	1.32	1.16	.23	3.76	3.17	.00	3.60	25.79
April.....	6.32	1.07	3.17	3.52	3.03	2.13	1.80	2.52	1.44	1.07	3.86	29.93
May .....	3.45	2.02	.57	4.31	6.24	2.92	3.14	1.32	1.66	2.20	1.83	29.66
June .....	2.90	.21	1.07	.76	2.22	.00	1.97	4.46	3.78	2.33	1.60	21.25
July .....	5.73	.85	3.72	1.81	6.28	2.27	3.40	3.02	1.39	1.48	2.76	32.71
August .....	1.76	3.34	2.85	3.41	2.88	2.53	2.69	4.82	3.61	2.23	3.59	53.71
September..	2.26	.69	2.35	2.85	3.76	2.96	1.93	4.05	1.86	2.05	5.56	50.32
October.....	3.74	3.11	1.30	5.62	4.77	4.64	2.44	4.00	6.03	4.68	4.54	44.87
November...	1.45	3.29	1.79	2.83	2.52	3.19	7.31	4.97	6.34	8.79	4.34	46.82
December...	3.97	3.01	5.95	4.25	6.65	4.28	.98	2.78	2.64	9.17	6.05	49.73
TOTALS...	44.08	24.52	36.00	41.38	43.77	35.96	33.53	42.52	41.74	37.04	45.58	476.2

1920 objects. No. 44. 44. Dig.  
— 3rd 55 ft. 75 ft. N.E.  
Building 15 ft. 50 ft. S.W.

1930. Obs. taken in Winter 9 a.m.  
" Summer " "

Position of Station on reduced Ordnance Survey } No. of Map  
 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°	3° <sup>30'</sup>	Chirk	1 <sup>1</sup> / <sub>2</sub> m.	E. <sup>SE</sup>	Chirk	2 m.	E. <sup>SE</sup>

RAINFALL at Chirk Castle GardensCounty of DenbighObserver Lord Howard de WaldenRiver Basin 1-D66Shordon (1940)Type of Gauge Snowdon M.G. (1937)Annual Average 35.89 in. based on 36 years obs. ✓ weighted. Period of average 1916-50 Ref.

Diameter	5.										
Height	1. 0.										
Altitude	630.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS 1931-40
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	.20	3.49	2.84	6.13	1.08	2.07	3.41	25.43
March	.76	2.25	2.45	2.76	.65	3.26	3.47	.33	3.04	2.68	21.65
April	3.95	4.91	1.15	3.12	2.88	1.84	2.92	.13	2.15	3.39	26.44
May	5.33	3.73	1.45	1.69	1.37	1.52	2.22	2.35	1.60	1.98	23.24
June	3.39	.92	1.21	1.28	3.68	3.34	1.51	2.73	2.03	1.11	21.20
July	2.29	4.39	1.55	.24	.82	3.16	1.73	2.84	6.19	3.06	26.27
August	6.22	1.79	0.55	3.31	1.18	.50	2.28	4.10	1.67	.13	21.73
September	4.20	2.46	0.85	2.08	5.17	3.47	1.37	1.24	0.92	1.48	23.24
October	.79	6.28	4.05	3.33	4.65	1.24	3.65	4.38	3.24	5.23	36.84
November	7.71	2.66	.57	1.76	5.78	3.52	2.31	5.57	5.73	8.51	44.82
December	1.90	1.84	0.53	6.91	7.76	3.47	2.75	3.43	2.34	1.47	30.45
TOTALS	42.21	35.57	21.79	29.65	35.00	36.20	34.25	32.03	38.75	36.05	341.60

1931. Trees 35' high, 75' N.E.  
Building 15' " 50' E.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.			Chirk	1½ m.	E.	Chirk	2 m.	E.

Station No. 4287

RAINFALL at Chirk Castle Gardens

41

County of Denbigh

Observer Lord Howard de Walden

River Basin 1 - Dee

per Mr. J. A. Jones.

Type of Gauge Sling

Gauge No. 49

MR H. G. EVERTON

Annual Average 34.4 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S. (Dec)

35.89

35

1916-50

File No. 52674/36

Diameter	5				545	430						
Height	10					1						
Altitude	630					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	5.92	4.53	6.54	3.55	2.86	4.64	4.06	8.43	2.60	1.12	44.25	
February	4.68	1.55	1.89	1.13	2.93	3.84	(3.50)	2.39	2.07	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	26.46	
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	3.63	3.17	3.70	2.95	2.00	2.72	0.95	31.31	
June	0.83	0.19	1.80	1.14	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	1.86	2.33	(4.49)	0.50	3.84	1.64	5.02	29.13	
September	0.52	2.06	3.86	3.14	1.77	(3.14)	1.93	2.05	1.32	5.62	25.67	
October	2.59	1.24	3.56	5.56	5.11	2.55	0.41	1.76	5.27	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	32.79	30.45	41.68	(38.33)	29.41	34.17	37.67	352.87	10

943 Trees 35' high, 75' NE. Buildings 15' 50' SW.

1944

1947. Feb card + man. part wind for snow

1948 Gauge moved 10' April 1948 S. Fruit trees 10ft high 26ft South.

1949 Fruit trees 8 ft high 27'S, 12' high 42'S

1950 Fruit trees 8 ft high 30ft S.

00204 30004

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No. 33-26936

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

BRITISH RAINFALL ORGANIZATION

Station No. 4287

51

RAINFALL at Chirk Castle Gardens

County of Denbighshire

Observer Mrs H.G. Cheverton

River Basin 1-Dee

Type of Gauge Snowdon

Annual Average 34.4 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. LWS

35.89

35

1916-50

File No. 526746/36

Diameter ...	5"					545	430				
Height ...	1'0"						1				
Altitude ...	630'		366' *				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	2.34	3.31								
May ...	3.77	2.74	2.91								
June ...	1.70	1.59	1.75								
July ...	1.70	2.34	2.46								
August ...	4.26	2.29	2.96								
September ...	1.99	2.74	3.57								
October ...	1.53	8.15	1.76								
November ...	8.73	2.53	3.05								
December ...	5.53	3.92	1.57								
TOTALS ...	44.31	35.08	27.10	NR							
	D	D	D								

1950 Fruit Trees 8' high 30' S.

1952. December value amended from 2.93.

x at this N &amp; R ft must be 300' + original 19 adopted

12/72.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 37269380

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1916-19	1920-30	1931-40	1941-50	1951-60
	1914 1915-19 D	1920-24 D 1925-29 D 1926-30 D	D	1941-45 D 1946 d 1947-50 D	