

RAINFALL AT

Colwyn Bay, East Parade, Post Office

Lat.

Lon. County of Denbigh

Snowdon
Cloudy & C - 2.

Rain Gauge, by Casella

Observer

G Jones Esq Ch.

Diameter ..				5								8	
Height ..				1 3								10	
Altitude ..				65								82	
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909		MEANS.	
January ..					2.54	.91	3.41	.97	1.48	X	2.03		
February ..					2.86	1.36	1.78	.82	2.00		.98		
March ..					1.31	2.74	1.76	1.09	2.31		2.09		
April ..					.98	1.16	.68	.99	1.57		2.24		
May ..					1.25	.77	3.40	2.24	1.79		.86		
June ..					2.32	2.84	1.39	2.05	1.99		2.34		
July ..					2.83	2.16	.74	1.61	2.14		3.55		
August ..					4.88	3.40	3.98	2.99	2.56		2.95		
September ..					.80	1.21	.72	.31	3.11		2.82		
October ..					1.22	3.04	4.90	4.77	1.18		4.83		
November ..					1.42	3.67	2.07	2.21	3.43		1.60		
December ..					1.72	.47	1.82	1.88	2.15		4.18		
TOTALS ..					23.13	23.73	26.65	22.23	25.71		29.97		

D D D D D D

1/ mile W 1905

400 yards S W

50 yards N 1906

Station 350 N W

1904 Colwyn Bay Church

400 yards S W

50 yards N 1906

Station 350 N W

Building 25 ft high 100 S E

1909 Jan 1st Gauge moved 666 yards W

St Pauls Ch 266 yards E

Colwyn Bay Station 466 N

House 35 ft high 30 W E

1904-8 records probably too small

Y 9/25

RAINFALL at Colwyn Bay Council Offices

County of Denbigh

Observer W. Jones Esq. C.L.

River Basin Clwyd + C 2

Smethwick Rain Gauge, by

Diameter ...	8										Alt. 25 m	TOTALS MEANS. 1910-19
Height	1.0										Alt. 25 m	
Altitude ...	82 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	2.75	.82	2.01	2.91	1.69	3.19	1.95	1.43	2.51	2.94	3.63	
February ...	3.98	1.71	1.59	.98	2.99	4.34	4.18	1.18	2.99	1.72	10.05	
March	1.72	1.36	3.51	3.10	2.94	1.37	2.34	2.79	.99	4.87	11.00	
April	3.15	1.47	.39	3.03	.64	1.93	1.88	3.25	1.25	2.10	8.48	
May	2.13	.97	1.63	1.68	1.52	2.11	3.78	2.62	4.28	1.33	12.01	
June	2.45	2.85	3.70	2.30	1.69	1.44	1.88	2.19	1.33	1.55	6.95	
July	2.55	1.08	4.28	1.39	3.15	2.65	1.25	.97	2.55	1.23	6.20	
August	3.78	2.98	5.80	2.57	1.08	3.79	1.59	6.09	1.80	3.40	12.97	
September ..	.48	4.00	.99	3.63	2.89	1.18	3.34	1.10	7.33	1.65	13.42	
October ...	4.02	3.32	3.66	2.94	1.43	1.65	4.20	5.90	2.77	3.36	16.23	
November ..	5.23	2.82	2.97	3.02	3.35	3.39	3.33	3.06	1.70	1.64	9.73	
December ...	4.20	6.27	2.23	2.49	6.39	6.55	1.84	2.01	3.68	(6.00)	13.53	
TOTALS ...	36.44	29.65	32.76	30.09	29.76	33.69	31.36	32.59	33.16	(32.09)	544.59	129.20

1912 House 35 ft high 30 yds W of E

1919. December estimated.

B.P.O.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Colwyn Bay	166 yds	N	St Pauls	266 yds	E

Linton Park (25) 20

RAINFALL at Colwyn Bay (Council Offices)

County of Denbigh

Observer W. Jones, Esq., C.E.

River Basin Dwyrys - 2

1921 (Tr.) Dunning Bay, C.E.

Colwyn Bay

Shoreditch Rain Gauge, by _____

Boro Surveyor

Diameter ...	5	8			5	8							
Height	1.0				1.0								
Altitude ...	83	80			81								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929			TOTALS
January ...	2.01	4.19	3.79	2.43	2.58	2.74	2.66	3.13	4.77	1.30	5.30		35.90
February ...	2.75	1.80	4.60	4.69	1.92	5.05	1.47	1.66	3.30	1.15	0.23		26.32
March	5.83	2.50	2.67	1.78	1.74	81	1.98	4.48	1.63	1.07	2.93		23.46
April	3.83	1.24	2.90	1.69	2.30	1.63	1.41	1.21	0.69	1.74	3.26		21.92
May	2.60	1.75	2.45	2.95	5.26	3.27	2.54	1.49	1.34	1.69	1.43		21.71
June	2.62	1.16	1.84	1.74	2.63	1.16	1.38	3.75	4.28	1.71	1.58		20.84
July	5.04	1.84	2.89	2.41	3.57	3.33	3.68	2.27	1.09	1.92	2.66		29.70
August	2.23	3.45	1.68	2.82	3.71	2.06	3.63	7.10	2.48	2.49	2.27		34.72
September...	4.47	1.19	2.09	3.46	4.96	3.84	3.19	5.62	1.26	2.32	2.19		34.49
October.....	1.73	2.65	1.85	4.40	3.22	4.27	3.07	3.07	5.09	4.72	5.36		38.53
November...	1.45	2.30	1.72	4.45	1.48	3.02	4.13	4.47	4.18	5.60	4.26		37.56
December...	2.70	3.48	5.27	4.32	5.90	3.31	1.30	1.30	2.84	6.08	5.60		32.00
TOTALS...	58.26	24.25	30.75	35.14	37.13	34.88	29.44	39.55	32.95	30.79	34.07		370.21
	0	2	0	0	0	0	0	0	0	0	0		

1912, base 25 ft high 30 yds. W. and E.

333.84

39

1921. Army Hall 15 ft high 25 ft W

1929. Inspected April 1929. Sheltered by buildings and trees on all sides. Instrument moved to new site in Linton Park Oct 1929. Turf wall created round gauge Nov 1929, when height became 118 ft.

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	Parish Church.	Distance from gauge
1911	53° 16' 18"	3° 44'	Colwyn Bay.	300 yds.	N	St. Paul's	266 yds. E.

RAINFALL at Bolwyl Bay (Cirrus Park) M.W.R.County of DenbighObserver The Borough SurveyorRiver Basin 2. ClwydType of Gauge SnowdonAnnual Average 31.1 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.Sheet.

Diameter	5.	Hyd. Sta. No: 55-536839										
Height	1.0	N.G. 84(28) 857785										
Altitude	81	118 ✓	alt: 36 m.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS Means 1931-40	
January	2.60	3.90	3.59	2.47	1.78	4.62	2.55	3.45	5.26	2.07	3199	
February	2.74	0.9	1.49	2.5	3.21	2.28	4.17	.70	1.96	2.21	1910	
March	.92	1.93	1.76	1.97	.87	3.06	1.75	1.54	2.21	1.58	1728	
April	3.39	3.56	0.48	1.19	2.12	1.32	2.06	.31	1.62	1.89	1704	
May	2.68	3.28	1.06	1.93	1.53	2.81	1.44	1.47	0.69	1.92	1881	
June	3.50	1.09	2.30	.77	3.65	3.50	1.12	2.51	1.49	1.22	2115	
July	1.49	5.26	1.61	.52	.61	3.72	.98	2.50	3.73	2.65	2307	
August	5.05	2.11	1.64	3.47	1.72	.94	1.05	3.30	1.15	.70	2103	
September	3.72	3.09	1.01	2.00	4.43	3.54	1.64	1.42	0.52	2.04	2341	
October	2.30	4.21	4.58	4.13	5.38	1.88	2.82	4.54	2.53	3.45	3582	
November	5.95	2.30	1.61	1.55	3.24	3.52	1.40	3.49	3.50	3.65	3011	
December	1.90	2.05	1.18	4.75	2.03	4.98	1.86	3.27	2.48	1.35	2585	
TOTALS	36.24	32.87	21.91	25.00	30.27	36.06	22.84	28.50	27.42	47.3	28556 K17.	

Inspected 11/9/33. Turfwall later remade see G.F.

" 4/6/35. Satis to 4" satisfactory

" 12.6.36 by Mr. Flower. 24 of g. abutment & 11 1/4" set in concrete.

Catch has apparently fallen off since 1937 (see Alter 18.9.41) * Average is read of minimum on next inspection or May 1943 (from min. at 5/16.09.27.9.41.)

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 from gauge	Parish Church	Distance from gauge	Direction from gauge

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

Station No. 4320 M.W.R.

RAINFALL at Colwyn Bay (Series Part) M.W.R. 41

County of Denbighshire

Observer The Borough Surveyor.

River Basin 2 - Clwyd

Type of Gauge Standard

Annual Average ~~31.1~~ in. based on 10 years obs. un-weighted. Period of average 18.8.1-19.1.5. Ref A.W.S.
~~Average again approx. for 1945~~
~~average of 31.1 is important~~

File No.

Diameter	5			536	839								
Height	10					1							
Altitude	118					41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950			
January	1.54	3.49	3.26	3.77	1.82	4.23	4.65	5.69	2.75	0.83	32.03		
February	2.40	1.09	2.45	1.10	1.88	4.42	1.71	1.79	1.24	5.04	23.12		
March	2.00	1.97	1.17	0.65	0.43	1.08	5.89	1.25	1.62	1.30	17.36		
April	1.39	0.84	1.26	0.67	1.25	1.00	3.98	1.22	2.32	2.73	16.66		
May	1.91	2.21	2.42	0.91	2.50	2.27	3.33	0.82	1.57	0.79	18.5		
June	0.71	0.30	2.31	1.23	1.67	3.17	2.38	4.32	0.41	1.46	17.96		
July	1.30	1.69	2.10	2.32	1.79	2.55	2.24	1.48	1.19	1.60	18.26		
August	2.44	1.92	2.76	1.56	0.49	2.76	0.46	2.66	2.12	2.97	20.14		
September	0.82	1.99	3.65	11.42	2.01	3.66	2.69	2.00	0.62	5.16	27.02		
October	2.51	3.25	3.91	3.71	3.48	0.87	0.45	2.56	3.85	2.39	26.98		
November	1.52	0.58	2.82	14.88	0.51	3.78	3.58	1.51	2.95	3.98	26.11		
December	1.07	2.70	1.52	1.98	2.83	4.55	1.53	5.36	4.07	3.10	28.71		
TOTALS	19.61	22.03	29.63	27.20	20.66	34.34	32.89	30.66	24.51	31.35	272.86		

Printed with 7 about 2-in-bore borehole gauge. Inspected Mr. V. A. 1941 and 1942 records too small. Inspected 27.7.48 by Mr. G. E. Cummings. Gauge & site satisfactory. Inspected 15.11.49 by Mr. G. M. Bond. Gauge & site sound. Gauge good.

Average in need of revision on next inspection or May 1943. (from min in file d. 27.9.41) SI 3) 2 15.1.48

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

Station No. 4320 M.W.R.

(256)

RAINFALL at E Llanwyn Bay (Einion Park)

51

County of Denbighshire

Observer Borough Surveyor

River Basin 2 - Clwyd & C.

Snowdon

Type of Gauge

289

Annual Average 15 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref A.W.T. P
29.37 - - 27 - - 1916-1950 File No.

P.B.630

Diameter ...	5"				536	839					
Height ...	1' 0"						1				
Altitude ...	118'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	2.82	3.91	0.81	2.30	2.44	2.90	3.15	2.90	4.65	5.03	30.91
February	3.97	1.22	1.18	2.53	1.93	0.36	3.20	5.26	0.66	3.07	22.88
March	5.57	0.95	0.89	2.17	1.80	1.36	1.73	1.04	0.79	1.47	17.77
April	1.33	1.80	2.38	1.32	0.94	1.59	0.29	0.53	4.33	(1.50)	15.91
May	3.06	2.14	1.50	3.26	2.76	0.67	1.93	3.24	1.66	(1.45)	21.67
June	1.03	1.58	1.57	2.80	3.11	1.77	1.62	3.87	1.42	(0.75)	19.52
July	1.29	1.24	1.50	3.09	0.39	4.92	4.37	3.43	1.41	2.28	23.92
August	3.98	2.39	3.02	2.64	1.06	8.61	6.34	2.65	0.72	3.22	34.63
September	2.66	4.31	3.84	2.42	1.23	2.64	7.30	6.13	0.61	3.49	34.63
October	1.17	4.62	1.74	5.47	2.92	1.97	2.35	2.76	3.36	2.52	28.88
November	6.51	2.59	2.88	6.20	1.44	1.53	3.07	1.69	4.33	5.94	35.98
December	4.94	3.55	1.01	2.36	3.40	2.76	2.65	2.19	4.23	3.27	30.36
TOTALS ...	38.33	30.30	22.22	36.56	23.42	30.88	38.00	35.69	27.67	32.99 inc. ap	317.06
	D	D	D	D	D	D	D	D	D	07004	10

Prop. Mr Buchanan 24.6.53 Subsidiary. (Barograph gauge U.S.)

Dow. 1st July 1955. Catcher cap split to one side. (Amount of rain well ascertained by gauge).

Gauge 1916-57 - Mr Harding. Gauge, measure & turf well all in good condition.

1957 Point. Big this year in relation to nearest stations.

Jub. 18.6.59 R.A.T.D. HOLGATE. Gauge damaged by stones but to be repaired immediately.

1960 " " inc. * Est 4317

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference *20107220*

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
		1910-19 D	1920 D	1931-40 D	1941-50 D	1951-60
		1915	1921 d	D	D	
		1916-18 D	1922-30 D			
		1919 d				