

RAINFALL AT

Colwyn Bay, East Parade, Cornhill Office

Lat.

Lon.

County of

Denbigh

Snowdon

Rain Gauge, by

Cassella

Observer

A. Jones by Ch.

Clwydd TC - 2 -

| Diameter .. | | | | | 5 | | | | | | |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| Height | | | | | 1 3 | | | | | 1 0 | |
| Altitude .. | | | | | 65 | | | | | 82 | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | | | | | 2.54 | 91 | 3.41 | .97 | 1.48 | 2.03 | |
| February .. | | | | | 2.36 | 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 | 2.35 | 1.99 | 2.34 | |
| July | | | | | 2.83 | 2.16 | .74 | 1.61 | 2.14 | 3.55 | |
| August | | | | | 4.38 | 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 | 4.23 | |
| 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 | |

1904 Colwyn Bay Church 400 yards S W
 " " Station 350 " N W
 Buildings 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

7/9/25

RAINFALL at Colson Bay (Council Office) ^{Linn's Park (25)} 20

County of Denbigh

Observer W. Fox, Exp. C. E.
1921. H. J. Dunning Exp. C E
For Colours & Bury

River Basin Lwyd - 2

Shower Rain Gauge, by _____

Boro Surveyor

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|---------------------|-------|-------|-------|-------------------------|------------------|
| Diameter ... | 5 | | 8 | | | 5 | Apex Sta No. 536821 | | | | Apex Sta No. 536839 | |
| Height | 1.0 | | | | | 1.0 | N4R: 54(23) 848790 | | | | N4R: 54(23) 857785 | |
| Altitude ... | 83 | | 80 | | | 81 | alt: 25m | | | | alt: 36m | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 1930 | TOTAL 1920-30 |
| January ... | 3.01 | 4.19 | 3.79 | 2.43 | 2.58 | 2.74 | 2.66 | 3.13 | 4.77 | 1.30 | 5.30 | 35.30 |
| February ... | 2.75 | .80 | 4.60 | 4.69 | .92 | 5.05 | 1.47 | 1.66 | 3.30 | 1.15 | 0.23 | 26.32 |
| March | 5.83 | 2.50 | 2.67 | .78 | .78 | 81 | .98 | 4.48 | 1.63 | .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 | 21.90 |
| May | 2.60 | 1.75 | .45 | 2.95 | 5.26 | 3.27 | 2.54 | 1.49 | 1.34 | 1.69 | 1.43 | 21.77 |
| June | 2.62 | .16 | 1.84 | .74 | 2.65 | .16 | 1.38 | 3.75 | 4.28 | 1.71 | 1.58 | 20.86 |
| July | 5.04 | .84 | 2.89 | 2.41 | 3.57 | 3.33 | 3.68 | 2.27 | 1.09 | 1.92 | 2.66 | 29.70 |
| August | 2.33 | 3.45 | 1.68 | 2.82 | 3.71 | 2.86 | 3.63 | 7.10 | 2.48 | 2.49 | 2.27 | 34.72 |
| September... | 4.47 | 1.19 | 2.09 | 3.46 | 4.86 | 3.84 | 3.19 | 5.62 | 1.26 | 2.32 | 2.19 | 34.49 |
| October | 1.73 | 2.65 | .85 | 4.40 | 3.22 | 4.37 | 3.07 | 3.07 | 5.09 | 4.72 | 5.36 | 38.93 |
| November... | 1.45 | 2.30 | 1.72 | 4.45 | 1.48 | 3.82 | 4.13 | 4.47 | 4.18 | 5.60 | 4.26 | 37.56 |
| December... | 2.70 | 3.48 | 5.27 | 4.32 | 5.80 | 3.31 | 1.30 | 1.30 | 2.84 | 6.08 | 5.60 | 32.00 |
| TOTALS... | 38.26 | 24.25 | 30.75 | 35.14 | 37.13 | 34.86 | 29.44 | 39.55 | 32.95 | 30.79 | 37.07 | 370.27 |

1912, base 35 ft. high 30 yds. W. and E.

3334

1921. Army Hut - 15 ft high 25 ft W

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

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 | Parish Church. | Distance from gauge | Direction |
|-------|-------------|--------|------------------|----------------------|-----------|----------------|---------------------|-----------|
| 1911 | 53° 16' 18" | 3° 44' | Edinburgh Bay. | 300 yds. 166 yds. | E N. | St. Paul | 266 yds. | E. |

Station No. 4320 M.W.R.

RAINFALL at Colwyn Bay (Sarnia Park) M.W.R. 41

County of Denbigh Observer The Borough Surveyor.

River Basin 2-Chwyd

Type of Gauge..... Snowden.....

Annual Average 21.1 in. based on 10 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. A. W. S.
— — — Average again appropriate for 1945

File No.

| | | | | | | | | | | | |
|-----------|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------|-------------------|----------------------------|--------|
| Diameter | 5 | | | | 536 | 839 | | Alge Sta No: 55-536839 | | | |
| Height | 10 | | | | | 1 | | N.G.R. Sta (23) 857785 | | | |
| Altitude | 118 | | | | | 41 | | alt. 36m | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | |
| | | | | | | | | | | TOTALS 1941-50 Means | |
| January | 154 | 349 | 326 | 377 | 182 | 423 | 465 | 569 | 275 | 083 | 32.03 |
| February | 240 | 109 | 245 | 110 | 188 | 442 | 171 | 179 | 124 | 504 | 23.12 |
| March | 200 | 197 | 117 | 065 | 043 | 108 | 589 | 125 | 162 | 130 | 17.36 |
| April | 139 | 084 | 126 | 067 | 125 | 100 | 398 | 122 | 232 | 273 | 16.66 |
| May | 191 | 221 | 242 | 091 | 250 | 227 | 333 | 082 | 137 | 079 | 18.5 |
| June | 071 | 030 | 231 | 123 | 167 | 317 | 238 | 432 | 041 | 146 | 17.96 |
| July | 130 | 169 | 210 | 232 | 179 | 255 | 224 | 148 | 119 | 160 | 18.26 |
| August | 244 | 192 | 276 | 156 | 049 | 276 | 046 | 266 | 212 | 297 | 20.14 |
| September | 082 | 199 | 365 | 1142 | 201 | 366 | 269 | 200 | 062 | 516 | 27.02 |
| October | 251 | 325 | 391 | 371 | 348 | 087 | 045 | 256 | 385 | 239 | 26.96 |
| November | 152 | 058 | 282 | 488 | 051 | 378 | 358 | 151 | 295 | 398 | 26.11 |
| December | 107 | 270 | 152 | 198 | 283 | 455 | 153 | 536 | 407 | 310 | 28.71 |
| TOTALS | 1961 ¹ _D | 2203 _D | 2963 _D | 2720 _D | 2066 _D | 3434 _D | 3289 _D | 3066 _D | 2251 _D | 3135 _D | 272.86 |

1941 and 1942 records too small. Inspected Mr. V. Davis.
 Inspected 27.48 by Mr. J. C. Cummings; gauge & site satisfactory.
 Inspected 15.11.49 by Mr. G. H. Bond. Gauge & measure good. Expense good.

Average in need of revision on next inspection
or May 1943. (from min in S file d. 27,941.) **SI3** 9 15. 1. 43

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

[illegible]

Station No. 4320 HWR

RAINFALL at 8 Lelwyn Bay (Eirias Park)

51

County of Denbighshire Observer Baronaph SnowdonRiver Basin 2-Chwyd o CType of Gauge SnowdonAnnual Average 28.9 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 630
29.37 - 27 - 1930-1956 File No. 1916-1950

| 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 | 0.16 | 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 | 1.33 | 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 | 23.47 | 30.88 | 38.00 | 35.69 | 27.67 | 33.99 | inc. | 317.06 |
| | D | D | D | D | D | D | D | D | D | D | 07004 | 10 |

Imp. R. Buchanan 24.6.53 Substg. (Anemograph gauge 1.5.)

Imp. R. Buchanan 7.15.53. Outlets can be repaired to be used. (Amount of fuel used as indicated by gauge).

Imp. R. Buchanan 14.12.57 - 1st. Hauling. Gauge, measuring well all in good condition.

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

Inst. 18.6.54 R. R. D. H. G. R. T. D. Gauge damaged by stones but to be repaired immediately.

1960 np inc. * EA 4317

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 24.6.53

| 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 |
|----------------|--|-------------------------------|---------|---------|---------|
| | 1910-14 D 1915 1916-18 D 1919 d | 1920 D 1921 d 1922-30 D | D | D | |