

## RAINFALL AT Bournemouth, Vale View, Nelson Road

Lat. .... Lon. .... County of Hampshire  
 Rain Gauge, by Observer C. Dales Esq.

Diameter ..			5								
Height ..			10								
Altitude ..			150								145
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	(3.72)	(2.32)	1.32	2.54	4.82	1.21	7.46	.92	.82	.99	2.618
February ..	(5.24)	(2.16)	1.75	2.31	4.45	.88	3.12	1.31	1.25	.44	2.291
March ..	(1.12)	(2.54)	2.61	3.74	1.62	5.09	1.32	.58	3.38	4.34	2.638
April ..	(1.35)	(2.72)	1.43	2.78	1.27	1.60	1.00	3.49	2.65	1.34	1.963
May ..	(1.56)	(.85)	1.81	3.34	2.82	.83	2.79	1.88	1.58	1.79	1.925
June ..	(2.38)	(1.44)	3.59	2.40	.89	2.71	1.33	1.97	.53	3.58	2.082
July ..	(.42)	(1.87)	1.88	3.68	2.44	.62	1.25	.95	1.75	1.91	1.677
August ..	(2.56)	(2.04)	5.03	3.87	3.06	2.75	.61	1.67	3.03	3.28	2.790
September ..	(1.16)	(2.90)	1.93	2.52	2.61	1.90	.81	.73	2.14	3.13	2.083
October ..	(2.22)	(2.98)	2.32	8.83	3.03	1.68	6.72	10.75	2.25	7.60	4.898
November ..	(4.22)	(1.65)	3.59	1.99	1.43	4.75	3.94	2.78	.92	.69	2.496
December ..	(5.88)	(4.92)	1.86	2.96	4.18	.98	2.16	4.05	4.13	4.49	3.561
TOTALS ..	(32.55)	(28.39)	29.12	40.96	32.62	25.00	32.51	31.06	24.43	33.58	31.022

5

1906 St John's Church 300 yard WNW  
 Bournemouth Station  $\frac{3}{4}$  mile SE

1900-1 from Poole Parkstone (direct)

## RAINFALL at Bournemouth, Talbot, Nelson Road

County of Hampshire

Observer C. Dales Esq

River Basin Stour 2

Copper B.A Rain Gauge, by  
Snowdon  
1910 Tested by M.O.

Mr. W. Dales proposed to transpose this g. with the snowdon at Pleasure gardens 15/11/13

Diameter ...	5									MEANS.	SUMS
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19
January	3.28	1.27	5.52	5.61	.49	3.40	1.53	1.21	3.66	6.26	12.66
February	3.91	1.62	2.99	1.81	4.56	5.63	5.83	1.38	1.43	3.54	12.18
March	.64	2.31	4.19	2.97	5.30	.80	3.72	3.14	1.33	4.54	12.73
April	2.07	1.61	.03	3.87	1.35	1.20	.49	1.85	1.86	1.67	5.87
May	1.63	.59	1.52	2.34	1.00	2.79	1.90	2.38	1.32	.44	6.04
June	3.36	1.98	4.78	1.00	1.22	1.03	2.06	1.70	1.10	1.06	5.92
July	3.02	.23	2.49	1.37	3.32	3.75	.74	2.67	3.85	2.15	9.41
August	1.98	1.25	6.98	1.80	2.26	.90	4.31	5.20	2.24	3.65	15.40
September	.18	1.10	2.99	2.92	1.62	2.23	2.70	1.63	6.09	1.60	12.02
October	5.49	4.91	5.22	3.96	3.17	6.21	4.87	4.75	1.89	1.15	12.66
November	3.85	5.11	2.32	3.20	5.24	3.51	4.35	.89	2.79	2.58	10.61
December	5.07	8.40	4.64	2.06	9.51	9.42	4.80	1.16	2.88	5.70	45.84
TOTALS	34.48	30.38	43.67	32.91	39.04	40.87	37.30	27.96	30.44	34.34	130.64

Nelson Rd. west

Pinehill

Some Bournemouth sites.

Opposite No. 100

CSS, soft  
Exposed to wind

Cliff

Beehive  
Surrounded by trees

Cliff

Sea

Sea

Inspected, CS. 12/11/13 Copper B.A gauge (see note above). On lawn in good condition.  
Also, Hygrograph on rail surrounding a little platform on roof of house. An absurd position.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	50° 45'	1.55°	Bournemouth W	1.2 m	W	St John		

RAINFALL at Bournemouth Vale View Nelson Road

County of Hampshire

Observer. C. Daley Esq.River Basin Stour 2Copper B.C. Snowdon Rain Gauge, by

Diameter ...	5"									5	
Height .....	1	0								1	
Altitude ...	145									150	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MAY 20.
January ...	4.05	4.19	3.77	1.00	2.79	3.21	3.05	1.58	5.80	105	4.27
February ...	.59	.38	2.04	4.66	.40	3.50	1.38	2.36	2.66	156	.80
March .....	2.51	1.41	2.30	1.18	1.30	.97	.59	2.32	3.28	13	1.06
April.....	2.99	1.09	2.67	3.63	2.57	2.14	2.94	1.50	1.40	106	2.35
May .....	1.29	1.48	.50	1.76	3.76	2.83	1.71	.81	1.11	208	1.79
June .....	2.73	.47	1.08	.35	1.78	.00	2.19	2.40	2.14	160	.37
July .....	4.68	.31	3.23	.63	2.46	3.21	1.34	2.30	1.53	243	1.72
August .....	1.18	2.35	3.90	1.62	2.28	3.04	.86	3.30	2.49	124	3.33
September...	1.48	.85	1.30	2.00	3.65	2.94	.59	6.04	1.96	.31	3.14
October.....	2.83	1.42	1.26	4.52	4.19	2.69	3.63	2.35	1.19	466	2.16
November...	1.65	2.22	1.81	1.16	3.00	2.27	6.30	3.39	3.07	894	5.68
December...	3.17	1.47	3.34	2.77	3.72	2.56	.57	4.03	3.29	704	4.12
TOTALS...	29.15	17.64	27.20	25.28	31.90	29.36	25.18	32.38	36.24	32.60	30.79

1927 Inspected 9/6/27 by H.F. Jackson. This is the M.W.R. station gauge was found to be sheltered by trees which were cut back in July (1927).

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	Distance from gauge	
1920	50° 45'	1° 53'	Bournemouth West	1/2 mi	W	St. John's St. Ambrose (1922)	1/4 mi S.

## RAINFALL at Bournemouth (Vale View) M.W.R.

County of Hampshire Observer C. Dales, Esq.

River Basin Stour 2

The Corporation (C. Dales, F.R.Met.Soc)  
(continued and of 1926)Type of Gauge Hyd. Snowdon (less inspection)  
notes 116138 "

(A.C. Marsh, F.R.Met.Soc)

Annual Average 31.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 18218(1940)

66210/26

Diameter	5												Totals
Height	10												Means
Altitude	145			139			139						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
January	2.30	3.13	2.25	2.42	.86	5.49	5.84	3.40	6.10	4.04	3583		
February	2.18	.08	3.76	.04	3.21	2.97	6.09	.76	1.60	4.07	2476		
March	1.39	1.81	3.11	2.95	9.3	3.28	3.78	.27	1.29	3.07	2188		
April	2.76	2.76	1.40	1.74	3.47	1.52	2.28	.00	2.12	1.18	1923		
May	3.15	3.24	1.62	.79	1.07	.65	3.64	1.64	1.01	.96	1767		
June	2.71	2.35	1.69	1.04	3.69	1.58	.29	.92	2.09	.20	1656		
July	4.01	3.90	1.65	.12	.56	3.66	2.66	1.92	4.56	3.76	2669		
August	3.30	.82	1.27	3.55	2.88	.19	2.23	1.72	3.45	.05	1946		
September	1.42	3.32	2.85	1.69	3.70	3.25	2.46	1.49	2.61	1.71	2450		
October	1.57	6.01	1.61	1.48	5.73	1.32	3.88	3.62	5.83	4.81	3686		
November	4.79	2.11	0.93	2.40	7.61	3.34	1.49	5.07	5.86	8.15	4175		
December	1.18	1.23	1.13	8.43	4.68	4.33	4.46	3.85	1.90	2.81	3399		
TOTALS	29.76	30.76	23.27	26.65	38.39	31.58	40.98	24.56	38.42	3481	31918		

Inspected 5/7/35 Sub 1 q. satisfactory, correct ht of q. above 7.5 ft. 139 ft.  
 " 30/9/36. G. did not good. Rather short in. Change of observer at end of year.  
 " 24/4/37 No change.  
 " 116/38 No change. Trees SS.E. to SS.W.

+ 116/38 No change. Trees SS.E. to SS.W.

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

Station No. 514 DIV. V. S.

**RAINFALL at Bournemouth (Talbot Tower)** ✓  
 The Talbot Club  
Carry Avenue, Bournemouth  
Observer Mr. G. R. M. M. (R. B. Marsh)  
F. B. Met Soc.  
J. B. Marsh Esq. (1950)  
**X Corporation X (R. B. Marsh - Obs.)**  
(1950)

41

County of Hampshire

River Basin Stour 2

Type of Gauge Standard (+A)

Annual Average 21.5 in. based on 3.5 years obs. un-weighted. Period of average 1881-1915. Ref. B. G. N.

File No. bbo 210.2ab

305 in Campbell's Corning (1950) (56120/5)

Diameter	5"			346	882						
Height	10"					1					
Altitude	139					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.57	3.67	6.42	1.91	1.76	3.17	2.81	4.53	.76	.78	Totals
February	3.67	.29	.77	.39	1.70	2.66	1.67	.98	1.28	5.34	30.37
March	3.92	3.13	1.01	.33	.84	1.29	6.88	.79	1.48	1.35	18.75
April	2.05	1.98	.99	1.79	.89	2.62	2.35	1.53	1.78	2.62	21.02
May	2.09	3.68	2.38	.62	2.05	4.27	1.49	2.01	1.68	1.90	18.60
June	1.63	.44	.99	1.72	2.39	4.42	1.78	2.36	.39	1.12	22.07
July	2.04	1.81	2.20	2.87	1.02	.97	.71	1.18	.38	1.29	17.24
August	3.74	3.29	1.79	2.60	2.51	4.05	.45	3.44	.86	2.00	24.73
September	.95	2.67	2.47	1.97	2.62	2.80	1.38	2.50	4.44	3.17	25.97
October	.89	3.96	4.16	5.05	3.44	1.70	1.52	1.95	7.61	.83	31.11
November	1.99	1.45	1.65	6.40	1.02	5.42	1.48	1.61	3.82	6.93	30.87
December	2.50	3.64	2.53	2.27	4.19	2.93	2.63	5.16	1.97	2.24	30.06
TOTALS	30.04	30.01	27.36	27.82	24.43	37.30	25.15	28.04	26.15	31.67	222.77

1.49. Tree felled and logged. New bottle obtained for gauge. T.

Inspected by me Pace 11/11/48. New gauge installed mid June 1948 (site of old gauge not known). Glass bottle to be accepted. Exposure poor. Trees 22' high, 18' to E & 15' to N. 12' S. Tree to be replaced & site 31° 3' 49". Inspector's certificate sent.

+ Inspected Mar 6/49. Oscillated to N & E but no movement possible. Holes bushes at back. Inspected May 1949. Soldered joint of funnel broken for one third of circumference, iron can not available but believed to be also in poor condition. No inspection May 1950. 2 holes bushes near screen base have been removed. Site now static. Flat-bottomed measure to be replaced by taper measure. House 30' high 27° N/E. House 20' high 45° SE. Small tree 30' high 35° NW.

Domestic self-recording gauge brought into use 26/1/49

256.60  
4.23

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

BRITISH RAINFALL ORGANIZATION

(4426-90) W.L. 47325-4472 22,000 2/40 T.S. 700

J. 31.3.49. Funnel folded &amp; secured to joint between funnel &amp; cylinder unbroken

+ 7.5% average mod. H.R.

346882

RAINFALL at BOURNEMOUTH (MEYRICK PARK) Station No. 614 M.W.R.M.W.A. 51County of HAMPSHIREObserver (D. B. MARSH, Esq.,) Head of Office of Met.River Basin STOUR - 2

CORPORATION

Type of Gauge SNOWDON (+A)

Name of recorder John G. Newell Feb 1956  
 Annual Average 31.5 in. based on 32 years obs. un-weighted. Period of average 1881 - 1915 Ref. B.C.N.  
 " " 30.5 computed by Mr. Gorrell (1956) Ref. 561265/56 File No. P  
 " " 30.41 abandoned April 1954-1955  
 " " 31.21 based on 24 yrs 1955-1956 - - - - -

Diameter	5"		5"		5"	346	882			
Height	1' 0"		1' 0"		1' 0"		1			
Altitude	139		✓		130'		51			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	3.22	2.00	1.01	1.70	3.30	5.04	2.87	4.16	3.69	3.80
February	6.04	.59	1.25	3.28	1.98	.04	3.86	2.73	.33	2.80
March	3.56	2.61	.54	4.31	1.24	.98	2.55	1.61	3.76	2.09
April	3.10	1.97	2.11	.15	.58	2.03	.25	.67	2.51	1.97
May	2.57	2.29	2.49	3.22	4.02	.42	1.65	2.04	.67	2.23
June	.54	.91	2.16	2.79	2.83	2.71	1.38	4.44	1.70	2.56
July	1.19	.77	(3.34) 2.78	3.24	.48	4.36	2.77	1.98	2.30	3.77
August	4.14	2.35		3.03	1.12	2.88	2.33	3.22	2.48	4.51
September	3.25	4.56	2.78	3.32	1.53	5.33	2.84	4.53	.28	5.92
October	1.66	4.89	2.99	2.93	4.65	2.06	2.44	3.40	3.21	9.24
November	10.00	4.25	1.92	5.44	2.67	.86	2.22	2.84	4.17	5.53
December	3.89	2.73	.73	2.77	5.18	5.53	2.79	4.08	7.63	3.84
TOTALS	42.16	29.92	23.10	(36.18)	29.58	32.24	27.95	32.70	32.73	48.26
	D	D	inc.	D	D	D	D	D	D	D

1952 Report required.

N.B. (See 6 form)

1953 Return to rainfall

1954 Observations from new site from 1st Sept. (Ornamental course, 2 mi. N.N.E. of previous site) Alt. 130 ft.

1957 Ins'd. Mr. Gorrell - Equipment site v. spot. Difficulties with Auto q. extremely weather-yielded sample night with

1959 Ins'd. 29.10.59 Mr. W.D. Hyde. Satisfaction - difficultly still experienced w.r.t. frost protection.

\* No change in Sta. No. Special decision because of calculation complications.

\* Dines, self recording gauge.

Ref 1954 (40) 082919

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 40/071917

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
		✓	✓	✓	✓	✓