

RAINFALL at DUNSTABLE (CEMENT WORKS)

County of Bedfordshire

Observer Works Manager (F.B. Cockland)

River Basin Thames Lea-2

Dunstable Portland Cement Co Ltd

Copper Standard Rain Gauge, by N.Z.
(1929) M.O.

Diameter ...										8		
Height										104	1	0
Altitude ...										431	430	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		1930
January ...										1.41	2.88	
February66	0.61	
March08	1.55	
April.....										1.60	1.95	
May										2.04	2.55	
June76	1.66	
July										1.48	2.54	
August35	2.68	
September...										.26	3.38	
October.....										3.61	1.03	
November...										2.10	6.04	3.84
December...										2.41	4.57	2.73
TOTALS...										22.86	27.40	D.

1928 Office 10' high 31° SW
Laboratory 16' 51° NNE.

Inspected 19/4/29 Site & exposure satisfactory, see green file

1929 Laboratory 18' high 50° NNE
Offices 24" 30° SSW

1930. G. read from G.M.T. and 9. am B.S.T.

Position of Station on reduced Ordnance Survey } No. of Map
Map, 2 miles to 1 inch Series }

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929			Dunstable LMS	780 yds	SSW	Houghton Regis	3½ yds	NNE
1930								

RAINFALL at Dunstable (Cement Works).

County of Bedfordshire

Observer Portland Wks.

River Basin Thames - Lea - 2.

Works Manager.

Type of Gauge N.W.D.

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

26.20 1916-50

Ref.

918990/29

Diameter	8.											
Height	1.0.											
Altitude	430.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.41	1.53	1.51	1.81	1.80	3.53	3.95	2.70	1.98	2.09	24.26	
February	1.82	2.32	2.51	2.40	2.76	2.20	3.47	1.62	0.66	1.61	16.37	
March	1.04	2.04	2.38	2.19	1.82	1.26	2.99	1.41	1.79	2.96	16.58	
April	3.30	2.28	1.15	1.48	3.23	1.42	2.92	1.09	2.81	2.22	20.90	
May	2.53	5.01	1.53	1.59	1.86	2.98	4.43	1.68	1.54	1.99	24.14	
June	1.30	1.11	1.36	1.10	3.07	4.15	2.14	1.64	2.18	.88	18.13	
July	5.44	3.50	1.34	1.40	1.34	4.78	1.69	1.74	2.83	2.43	26.49	
August	3.54	2.50	1.63	2.17	1.88	2.7	1.26	2.99	3.65	.07	18.96	
September	2.11	2.10	2.40	1.52	4.03	3.14	2.07	1.56	0.66	.47	20.56	
October	1.55	2.44	1.41	1.64	2.71	1.68	2.61	2.84	3.40	2.74	24.02	
November	2.92	1.40	1.36	1.92	4.14	2.53	1.63	2.31	2.78	7.58	29.57	
December	1.92	1.55	1.43	4.32	2.45	1.76	2.97	2.57	1.72	1.32	19.01	
TOTALS	26.08	26.79	18.01	20.51	29.29	29.70	32.13	20.15	29.95	26.36	258.99	DL

1931. Salutation. 18 ft. high soft. N.N.E.
Gauge. 24 " 30 " S.S.W.

1936 June - gauge moved 200 yds N. Gauge 15' high, 150° E.

1940 April - gauge moved 360 yds S.E. Cement silos 75' high 120° N

* Annual average of 25.4 in. revised from Bedford money as 2 in. low (1/12)

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
1931			Dunstable 1 mls. 190° S. S. W.			Houghton Regis	846.76 N.N.E.

Station No. 1160

41

RAINFALL at Dunstable (Cement Works)

County of Bedfordshire Observer Works Manager

River Basin Thames - Lea - 2

Type of Gauge M.O.

Annual Average ^{+ R} in. based on years obs. un-weighted. Period of average Ref.

File No. 918990/29

Diameter	8"			240	011							
Height	1' 0"											
Altitude	430'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.16	2.23	3.79	1.39	1.69	1.36	1.54	5.37				
February	1.65	.55	1.11	1.23	1.43	2.24	1.63	1.11				
March	3.05	1.35	.66	.20	.61	1.38	4.39	.98				
April	1.37	1.03	.70	2.18	1.11	.89	1.86	1.48				
May	1.93	2.76	2.15	.98	1.97	2.69	.97	3.79				
June	1.09	.40	2.43	1.86	2.02	2.78	1.58	4.16				
July	3.83	2.50	1.13	1.30	2.02	1.98	1.65	1.29				
August	3.79	1.98	1.58	1.49	1.50	3.52	.05	3.04				
September	.72	.84	1.12	2.14	2.16	3.63	1.38	2.59				
October	1.48	3.14	2.43	3.33	2.98	1.49	.24	3.48				
November	2.17	1.69	1.11	3.06	.88	4.94	1.07	2.25				
December	1.20	2.23	.97	1.29	3.03	1.90	3.15	2.66				
TOTALS	24.44	20.70	19.18	20.75	21.10	28.80	19.51	32.20	D.n.p.	N.R.	N.R.	

1941 Silos 75' high 420' N
1948 np. 5-6 inches too long

1949 Not rich but record to be expected for 1950 (excl. 20%).

Annual average of 25.4 ins reflected from Survey no 2 ins less (1940)

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No. Tl 015255
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Dunstable L.M.S.	650'	SSW	Houghton Regis	850' NNE

BRITISH RAINFALL ORGANIZATION

Station No. 1162

51

RAINFALL at Dunstable (Cement Works)

County of Bedfordshire Observer Works Manager,

River Basin Rivers - Lee - 2

Type of Gauge N.Y. B1 or inspection

Annual Average 20.1 in. based on 7 years obs. un-weighted. Period of average 1916-1950 Ref. S.
26.20 File No. 918890/29

Diameter ...			5"	240	0.11							
Height ...			0' 8"									
Altitude ...			430'									
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January87	1.91	3.84	1.16	2.55	3.04	2.89		
February ...				2.02	1.71	.37	2.67	2.29	.15	2.45		
March ...				2.66	1.02	.92	.99	1.86	2.19	1.54		
April33	.53	1.13	.18	1.07	2.16	.54		
May ...				2.89	5.15	.51	1.02	1.91	.79	1.88		
June ...				2.11	3.96	2.00	2.66	1.39	4.88	1.33	2.37	
July ...				3.85	3.57	.39	4.84	2.64	2.77	2.76	4.51	
August ...				2.53	3.30	.43	5.01	2.36	2.77	1.00	3.58	
September ...				1.58	1.66	1.69	1.91	2.64	3.12	.14	4.13	
October ...				2.17	1.78	2.53	1.78	2.62	2.19	1.85	4.51	
November ...				1.37	4.60	1.16	.97	2.00	2.09	2.52	3.80	
December72	2.22	2.43	3.24	2.67	2.62	4.03	2.38	
TOTALS ...	N.R.	N.R.	INC.	29.76	20.95	27.18	22.34	30.12	21.96	35.58		
	NP	NP		D	D	D	D	d	d	d		

1953 Record discontinued during 1953; last 26th pt 918890/29

1953 NP incomplete

Inspected 25/5/56 m. Deeks. Gauge sound, measure flat bottomed. Site satisfactory
Recomm new gauge & measure

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 7L 52/015733

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1954			Dunstable L.M.S.	650yds 8 S.E. 277	S.S.W.	Houghton Regis	850yds N.N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		Camp '28 ✓	✓	✓	✓	NR. 4950 918890/29