

RAINFALL at DUNSTABLE (CEMENT WORKS)County of BedfordshireObserver Works Manager (J.B. Cockland)River Basin Thames Lea-2Dunstable Portland Cement Co. LtdCopper Smelter Rain Gauge, by N.E.Z.(1929) HO

Diameter ...									8		
Height									10 1/2	0	
Altitude ...									431	430	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 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 D	27.40 D.

1928 Office 10' high 31' SW
Laboratory 10' 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 from B.S.T.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929			Dunstable LMS	780 yds	SSW	Houghton Regis	3 1/2 yds	NNE
1930				720				

RAINFALL at Dunstable (Cement Works)County of BedfordshireObserver Portland Wks.River Basin Thames-Lea-2

Works Manager.

Type of Gauge N.O.Annual Average R in. based on 26.20 years obs. un-weighted. Period of average 1916-50 Ref. 918990 129

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	.80	3.53	3.95	2.70	4.93	2.09	24.26
February	1.82	.82	2.51	.40	2.76	2.20	3.47	.62	0.66	1.61	16.37
March	.04	2.04	2.38	2.19	.52	1.26	2.99	.41	1.79	2.96	16.58
April	3.30	2.28	1.15	1.48	3.25	1.42	2.92	.09	2.81	2.22	20.90
May	2.53	5.01	1.53	.09	1.86	2.98	4.43	1.68	1.54	1.99	24.14
June	1.50	1.11	1.36	1.10	3.07	4.15	2.14	.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	.63	2.17	1.88	.27	1.26	2.99	3.65	.07	18.96
September	2.11	2.10	2.40	1.52	4.53	3.14	2.07	1.56	0.66	.47	20.56
October	.55	4.44	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	3.78	7.58	29.57
December	.92	.55	.43	4.32	2.45	1.76	2.97	2.57	1.72	1.32	19.01
TOTALS	26.08	26.78	18.01	20.54	29.29	29.70	32.13	20.15	29.95	26.36	258.99

1931. Laboratory. 18 ft. high 50 ft. N.N.E.
Office. 24 " " 30 " S.S.W.1936 June - gauge moved 200 yds N. Gauge 15' high, 150' E.
1940 8 April - gauge moved 350 yds S.E. Cement silos 75' high 120' N

* Annual average of 25.4 in. registered from Bedford moving as 2 in. low (1940)

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
1931			Dunstable Wks.	790 yds.	S.S.W.	Houghton Regis	846 yds.	N.N.E.

Station No. 1160**RAINFALL** at Dunstable (Cement Works)

41

County of Bedfordshire Observer Works ManagerRiver Basin Thames - Lea - 2Type 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	0 11						
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	1.79	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	21.40	28.80	19.51	32.20	N.R.	N.R.	

1941 Silos 75' high 420' N

1948 np. 5-6 inches too long

1949 Not rid but record to be expected for 1950 (encl. 20A).

* Annual average of 25.4 in. rejected from Survey as 2 in. low (1940)

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

No. of Map

Reference No. TL 015 235

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

Station No. 1162

RAINFALL at Dunstable (Cement Works)

51

County of Bedfordshire Observer Works Manager

River Basin Thames - Le - 2

Type of Gauge No. 131 an inspection

Annual Average 26.11 in. based on 7 years obs. un-weighted. Period of average 1916-1950 Ref. S
26.20

File No. 918990/29

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	2.85	3.04	2.89	
February ...				2.02	1.71	.37	2.67	2.29	.15	2.45	
March ...				2.56	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	.19	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	3.38	
TOTALS ...	N.R.	N.R.	INC NP.	29.76 2	20.95 D	27.18 D	22.34 D	30.12 d	21.96 d	35.58 d	

1953 Record transmission from gauge 25.3; but 26.2 at 918990/29

1953 NP incomplete.

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

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference TL 52/015.233

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1954			Dunstable L.M.S.	850 yds	S.S.W.	Houghton Regis	850 yds	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 25 ✓	✓	✓	✓