

RAINFALL at Hope, Cement Works

County of Dorset

Observer Messrs S. I. Earle Ltd.

River Basin Frank-Derwent 6

(P.S.) G. Wedgwood

Rain Gauge, by

Diameter												5
Height												1.2
Altitude												580
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January										1.09	5.90	
February										.48	.79	
March										.52	3.24	
April										1.31	3.90	
May										2.84	1.72	
June										1.97	(3.80)	
July										2.95	(5.57)	
August										3.06	3.81	
September										2.15	4.80	
October										4.73	6.57	
November										8.81	4.37	
December										10.83	4.48	
TOTALS										40.74	(48.75)	

1929. Buildings 26 ft. high 100 ft. W.
 Tree 14 " " 30 " N.W.

1930 Obsr. agrees to adjustments by aneroid during the year.

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	Direction
1929			Hope	15 mi.	S.E. N.	Hope	1 mi.	S.E. N.

RAINFALL at Hops (Cement Works)County of DerbyshireObserver Messrs G. T. Earle, Ltd.River Basin Trent - DerwentType of Gauge M.O.

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

894463/29.

Diameter	5										
Height	2		1.0								
Altitude	580										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	4.38	4.38	2.47	4.38	3.33	3.97	5.75	5.41	4.49	3.58	47.14
February	6.50	2.29	5.31	2.24	6.77	3.26	7.57	2.01	2.80	2.53	37.28
March	3.7	3.35	3.32	4.31	1.83	2.71	2.77	1.28	2.86	2.43	25.23
April	5.09	5.86	1.72	2.34	3.97	1.59	2.22	.52	2.25	3.33	28.89
May	3.01	4.51	1.81	2.05	.44	1.17	2.72	3.34	1.50	0.70	21.25
June	4.98	1.06	2.53	1.04	2.55	3.46	1.69	3.29	1.99	.86	24.45
July	3.88	4.18	2.57	3.35	1.48	4.71	3.87	5.16	7.10	3.04	39.34
August	6.42	1.93	.76	2.40	1.65	1.46	1.52	1.63	1.96	1.43	21.16
September	3.65	2.72	1.11	3.14	6.29	5.42	1.21	2.47	1.21	2.68	29.90
October	1.31	7.54	6.09	5.05	8.56	5.53	2.65	6.73	3.43	3.88	50.97
November	5.79	3.70	2.51	2.13	6.15	5.47	1.80	6.04	7.96	8.57	50.12
December	1.75	1.67	.69	6.12	5.08	4.72	4.08	4.91	2.19	4.71	35.92
TOTALS	50.13	41.19	30.29	36.55	49.10	43.47	37.85	42.79	41.94	37.74	411.65
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Offres 26' high 100' W. Tree 14' high 30' N.W.

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	Direction from gauge
1931.			Hops	1 1/2 m	53° E N.	Hops	1 m.	20° E N.

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

Station No. 2688RAINFALL at Hope (Descent - Turkey) ✓

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County of DorsetObserver Messrs G. & T. Earle Ltd.River Basin West. Descent - 6Type of Gauge m.o.

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

File No. 894463/29

Diameter	5"			106	852						
Height	1' 0"				1						
Altitude	580'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	3.04	3.68	5.82	6.08	4.11	5.73	3.77	9.81	2.21	2.06	46.31
February	3.86	1.83	3.85	2.55	4.60	7.94	2.11	3.40	2.22	6.21	38.59
March	5.43	2.35	1.44	.51	1.49	1.45	6.75	1.67	1.71	1.30	24.10
April	1.95	2.43	2.80	2.89	2.18	1.46	3.80	2.28	3.53	4.47	27.79
May	3.02	4.02	3.72	3.75	2.75	1.80	3.16	1.84	2.35	1.46	27.87
June	1.07	.87	2.62	2.80	3.13	3.71	2.46	5.10	.93	1.65	24.34
July	3.81	3.70	1.43	3.34	1.41	3.71	2.64	1.76	2.53	2.40	26.73
August	4.92	3.15	3.24	2.78	2.56	4.03	.55	4.58	1.93	3.55	31.29
September	.36	2.47	4.34	4.61	2.07	5.68	1.72	2.05	1.48	5.34	30.14
October	4.36	5.29	2.37	4.66	6.56	1.16	.71	1.91	4.55	2.06	33.63
November	3.89	1.31	4.01	6.82	.39	8.17	5.12	2.01	5.95	5.66	43.33
December	2.55	3.64	2.22	3.87	3.11	5.05	5.18	4.18	6.98	3.25	40.03
TOTALS	38.30 D	34.74 D	37.86 D	44.66 D	34.36 D	49.89 D	37.97 D	40.59 D	36.37 D	39.41 D	394.15

1941 Offices 26' high 100' W. Tree abt. 14' high 30' N.W.

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.	Direction from gauge.
1941			Hope	1 1/2 m.	53° E of N.	Hope	1 m.	20° E of N.

BRITISH RAINFALL ORGANIZATION

Station No. 2688

RAINFALL at HOPE (CEMENT WORKS)

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County of DAREY

Observer G. & T. EARLE LTD.

River Basin TRENT - DERWENT - 6

Type of Gauge M.O.

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

File No. 8944 63/29

Diameter ...	5"			106	852							
Height ...	1' 0"				1							
Altitude ...	580'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	1951-60
January ...	4.55	5.50	2.00	3.88	3.06	7.41	2.79	4.58	3.55	6.47	43.78	
February ...	5.20	2.09	2.10	3.24	2.60	.99	3.08	7.31	.37	2.75	29.73	
March ...	6.77	1.93	2.89	2.74	3.57	1.74	3.58	2.84	1.83	1.83	29.72	
April ...	2.01	2.98	3.22	.63	1.69	1.52	.29	1.25	3.60	1.99	19.18	
May ...	2.12	3.29	2.12	2.86	4.28	.62	1.52	3.78	1.14	2.28	24.01	
June ...	1.15	2.02	2.82	3.20	3.40	2.97	1.70	4.45	1.95	1.52	25.18	
July ...	1.68	1.76	4.41	4.29	1.91	6.94	4.21	6.39	2.50	6.04	40.13	
August ...	4.63	2.25	3.68	5.71	.48	7.31	7.12	2.78	.58	3.52	38.06	
September ...	2.56	4.12	1.98	4.32	1.67	3.82	7.12	4.59	.09	3.67	33.94	
October97	5.78	2.05	5.23	2.87	2.97	3.32	3.56	3.33	5.30	35.38	
November ...	9.13	3.16	2.58	6.59	2.34	1.67	1.89	1.15	5.14	5.77	39.42	
December ...	6.43	3.86	1.49	6.51	5.67	5.80	5.36	5.50	6.88	4.53	52.03	
TOTALS ...	47.20	38.74	31.34	49.20	33.63	43.76	41.98	48.18	30.96	45.67	410.56	
	D	D	D	D	D	D	D	D	D	D	D	

1951 Mean 26' at 100' N. Then 18' at 30' N.W. Buckhage 6', 15' E.
 Insp. 11519 BOK. Trees, 24', 18' N.W., 24', 10' N.W., 40', 50' S., 30', 50', 55' W. J. Spand. Rec. Coffin's
 crosser upon open site. Measured in 450 and converted in inches by graph
 1959 - Trees overshadowing site lopped to height of 25'

Annual Average 4.05 in based on 29 years obs. within 1929-57 2 in low. Period of average 1916-1950 Reported

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference SK(43) 168823

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			HOPE	1 1/2 m S 3° E of N	HOPE	1 m. 20° E of N

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1929 229, of 30	✓ ✓	✓	