

RAINFALL at Ishope, Cement WorksCounty of DerbyshireObserver Messrs. S. & T. Earle Ltd.River Basin Trent - Derwent(1881) G. Wedgwood

M.O.R. 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 6.37
November .....	8.81 4.37
December .....	10.83 4.48
TOTALS .....	40.74 (48.75)

1929. Buildings 26 ft. high 100 ft. w.  
Tee 14 .. 30 .. N.W.

1930. Obsr. agrees to adjustments by sun尺es. 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
1929			Ishope	12 min.	53° E. of N.	Ishope	1 min. 20° E. of N.

## RAINFALL at Hope (Cement Works)

County of Derbyshire

Observer Messrs G. T. Earle, Ltd.

River Basin Trent, Derwent &amp;

Type of Gauge M.O.

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

Ref.

894463/29.

Diameter	5	Height	1 2	Altitude	100 580	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	7.38	4.38	2.47	4.38	3.83	3.97	5.75	5.41	4.49	3.58	4.71	4.44	4.49	4.49	4.49	4.49	4.49
February	6.50	2.29	5.31	2.4	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	8.65	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	1.94	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	3.63	3.88	50.97						
November	5.79	3.70	2.51	2.13	6.10	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	30.89	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. Offices 26' high 100' w. Tree 14' high 30' n.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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Hope	1/2 m	53° E' N.	Hope	1 m.	20° E' N.

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

Station No. 2688

## RAINFALL at Hope (Clement Walker)

41

County of Derbyshire

Observer Messrs. G.W. Earle Ltd.

River Basin Trent-Derwent - 6

Type of Gauge m.s.

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-Totals
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	1.63	3.34	1.41	3.71	2.64	1.76	2.53	2.40	26.73
August	4.92	3.15	3.24	2.18	2.56	4.03	.55	4.58	1.93	3.55	31.29
September	.88	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	3.9	8.17	5.12	2.01	6.95	5.66	43.33
December	2.55	3.64	2.22	3.89	3.11	5.05	5.18	4.18	6.98	3.25	40.03
TOTALS	38.30	34.74	37.86	34.66	34.36	49.89	37.97	40.59	36.37	39.44	394.15

1941 Offices ab'high 100'W. Tree abt. 16' high 30' N.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.
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 (CUMBERLAND WORKS)

51

County of DERBY

Observer M. G. &amp; T. KARKE LTD,

River Basin DERWENT - b

Type 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 ...	1104			1							
Altitude ...	5801			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.55	5.50	2.00	3.88	3.05	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	6.20	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
October	.97	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	6.67	6.80	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	30.94	45.67	410.56

1951 Max 26" at 100' N. Year 18" at 30' N.W. Beach hedge 6', 15' E.  
 July 1951 1579. Bob. Trees, 24, 18' H.W., 26, 10' H.W., 40, 50's, 30, 30' 55". J. Sound. Rec. Coffins  
 trees when open site. Measured in 250 and converted to miles by graph  
 1959 - Trees overshadowing site lopped to height of 25'.

Annual Average 40.65 in based on 29 years obs. within 1929-57 2 in low. Period of average 1916-1950 S Reported

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SX(43) 168823

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Hope	1.5 m 53° E 68 N	Hope	1 m. 20° E 8 N

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1929 329, at 30		✓ ✓	✓