

RAINFALL AT

Hope School

No. 53

Lat.

Lon.

County of

DeSotoshire

Sunday Rain Gauge, by

Observer, Standman Eq. C.R.

Devonent - 6.

Diameter							5				
Height							10				
Altitude							545				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January							6.27	2.01	2.94	2.41	
February							4.39	2.96	4.23	2.48	
March							4.04	4.53	4.48	4.94	
April							1.93	2.53	2.74	2.43	
May							2.72	4.09	3.54	2.61	
June							1.43	6.13	2.32	3.90	
July							2.59	2.54	3.43	3.86	
August							3.28	3.74	3.57	1.79	
September							1.19	.61	2.75	2.65	
October							6.17	6.17	1.32	4.72	
November							5.00	3.89	3.42	1.68	
December							4.76	3.71	2.84	8.90	
TOTALS							43.77	42.90	37.58	42.37	

RAINFALL at Hope School No 56County of DerbyshireObserver E Sandeman Esq. CL.River Basin Trent-Derwent 6S.B. Winsor Esq. CL.

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	545										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.25	2.02	5.55	5.03	3.09						
February ...	4.79	4.09	1.90	1.65	2.90						
March	1.17	2.00	4.71	5.27	5.07						
April	3.95	2.64	1.23	4.17	1.94						
May	2.96	.99	3.34	2.46	2.46						
June	2.41	2.49	3.91	2.09	3.84						
July	4.32	.33	5.50	1.09	4.61						
August	4.60	2.02	7.10	1.83	1.71						
September ..	.30	2.31	2.30	2.20	2.94						
October ...	2.62	3.14	3.78	3.67	3.12						
November ..	5.92	4.75	3.09	4.43	6.11						
December ...	6.96	8.32	6.84	3.58	6.32						
TOTALS ...	144.28	35.10	49.28	37.47	45.61						

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1915						Hope	350ft	NW

10
8689

RAINFALL at Hope Kilbhill Bridge N° 56

County of Derbyshire

Observer D. W. Bradwick

River Basin Trent Derwent 6

S. B. Waterman Esq. Esq.

Rain Gauge, by _____

Diameter ...						5					
Height						1 0					9
Altitude ...						555					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						6.54	3.25	3.33	4.27	4.75	Totals 18.79 15.60
February ...						6.16	8.15	.78	4.54	2.42	15.89
March						2.27	4.37	3.28	2.05	6.66	16.36
April						1.61	4.13	2.78	1.87	2.67	11.45
May						1.37	2.50	1.87	2.36	1.73	8.46
June.....						1.72	3.35	1.98	2.93	1.66	9.92
July						5.25	1.54	1.28	3.42	3.22	9.46
August						3.31	2.03	6.60	2.62	3.47	14.72
September ..						.52	2.14	1.56	10.16	2.68	16.54
October ...						2.28	5.32	6.10	2.75	2.90	17.07
November..						4.11	5.47	5.72	2.18	3.86	17.23
December...						9.38	3.63	2.90	8.05	9.45	24.03
TOTALS ...						44.62	45.88	38.18	147.20	45.47	176.73 468

1915 g. 250ft S.W. of Killhope Bridge, across river Noe.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 20'	1° 45' W	Hope m.R.	3/4 mi	S.E.	Hope St. Peters	1500ft 300yds	S. S.

RAINFALL at Hope, Millhill Bridge No 66

County of Derby

Observer D. W. Chadwick

River Basin Trent-Derwent. (6)

S.B. Winger C.E.

Copper Snowdon Rain Gauge, by
Good condition

Inspected 9th 28.VII.21. S. in garden behind house on L.H.S. of road from Hope to Hellill. observer at first saw S. in garden. Fence 3 ft. high about 3 yds S. Small shrubs at distances of 2 yds. House to E. at convenient distance. S. only slightly sheltered at present.

1925. House 20 ft. high 18 ft. IV-12.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.				
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 20'	1° 45'	Hope	3/4 mi	SE	St Peters	1/4 mi	S

RAINFALL at Hope (Kilhill Bridge) No. 56

County of Derbyshire Observer D.W. Chadwick, Esq.

River Basin Trent, Derwent 6

Type of Gauge.....

Annual Average 40.4 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	5												
Height	10											09	1' 0" 9"
Altitude	500						565					400	565 400
Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means		
January	6.72	3.72	2.58	4.11	3.29	3.87	5.54	4.77	6.83	3.14			Total 44.87
February	6.14	5.59	8.11	3.36	6.11	3.79	7.45	2.31	2.66	2.61			37.13
March	3.30	3.23	3.21	3.77	1.53	2.86	3.48	1.40	3.34	2.42			25.54
April	5.49	5.34	1.65	2.41	3.86	1.80	2.45	4.6	2.48	3.88			27.82
May	2.52	4.81	1.79	2.16	1.49	1.43	2.92	3.58	1.50	.87			22.02
June	4.83	1.06	2.80	1.27	3.60	3.62	1.52	3.17	2.24	.83			24.94
July	3.87	3.51	2.34	2.79	1.41	4.76	3.77	5.55	6.71	3.36			38.07
August	6.30	1.21	.80	2.46	1.68	2.01	1.56	1.73	1.96	1.56			21.27
September	4.39	2.60	1.05	3.10	6.17	5.15	1.36	2.69	4.49	2.83			30.83
October	1.69	7.61	6.43	5.43	8.46	5.50	2.59	5.86	3.53	4.31			51.41
November	5.08	3.93	2.75	2.10	6.26	5.40	1.45	5.30	7.71	8.19			43.17
December	2.14	1.89	.71	5.86	5.42	4.76	3.68	5.29	2.40	5.13			37.28
TOTALS	49.47	39.50	31.22	35.82	48.28	44.95	37.77	42.11	42.85	39.38			411.35
	D.												

N.B. Inspected 4/38. Retain.

1934. Home 20' high 20'E.

1936. Rainfall to be read in future see file.

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	Direction
1931.			Hope	3 m	S.E.	Hope	1 m	S.

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

Station No. T.F. 2689

RAINFALL at Hope (Kilkhill Bridge) N° 56

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County of Derbyshire

Observer D. W. Chardwick Eng.

River Basin Trent-Derwent-E.

Derwent Valley W. Bd.

Type of Gauge

Annual Average 40.4 in. based on 25 years obs. un-weighted. Period of average 1881-1915

Ref. S

File No. 370241/34

Diameter	5"		106	734						
Height	0'9"				1					
Altitude	400				41	565				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	3.41	4.21	5.42	6.10	4.49	5.53	3.72	9.30	2.27 (2.49)	Totals 46.94
February	4.22	1.89	3.70	3.00	4.55	8.03	2.80	3.09	2.21 (6.20)	39.67
March	5.92	2.38	1.31	.92	1.17	1.79	7.25	1.29	1.75 1.24	25.08
April	2.12	2.36	2.95	2.91	2.49	1.56	3.96	2.41	3.66 4.10	28.82
May	2.99	3.81	3.26	4.18	2.96	2.02	3.13	1.69	2.33 1.46	27.33
June	1.01	1.05	2.66	3.05	3.33	3.41	2.61	5.18	.99 1.44	24.73
July	3.73	3.61	1.59	3.58	1.67	3.64	2.65	1.74	2.55 2.20	26.96
August	5.37	3.25	3.33	2.83	2.61	3.97	.62	4.41	2.09 3.33	31.81
September	3.4	2.58	4.05	4.61	2.16	5.29	1.69	2.49	1.20 4.70	29.31
October	4.47	5.16	2.35	4.42	6.93	1.28	.91	2.29	3.67 1.82	33.30
November	3.97	1.64	4.28	7.25	.59	7.68	6.37	2.30	(6.30) 5.14	44.52
December	2.95	3.52	1.86	3.55	3.01	4.79	5.21	3.81	(7.60) 2.88	39.03
TOTALS	40.40	35.46	36.82	46.40	35.96	48.99	39.92	40.00	(26.92) (37.25)	398.12
	D	D	D	D	D	D	D	D	d	R6

AN com'd by Raynor

1949 Nov. & Dec. est. by engineer.

1951 Eng'r said "... some masonry work... readings consistently lower than before... trees and shrubs... rather outgrown..." See Add. 306A in file. Estimates made for 6 months. 1950 record to be printed.

1951 Jan. & Feb. Est. Apr. part est.

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	Parish Church.	Distance from gauge

Station No. 2689

T.F. 26

RAINFALL at Hoes (Kingsmill Bridge) No. 56B

51

County of Derby

Observer DAWNTON Valley Water Bd.

River Basin TRENT-DERWENT - b

Type of Gauge Septapent

Annual Average 40.4 in. based on 23 years obs. yd-weighted. Period of average 1881-1915 Ref. S
 41.53 " 35 " 1916-1950 1916-1950 P
 File No. 870241/34

Diameter ...	5'	106	734								
Height ...	0' 9"										12'
Altitude ...	563'		51	560'							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.42	5.21	1.14	3.52	2.49	7.36	2.67	4.72	3.26	6.34	
February	4.98	1.04	2.47	2.97	2.61	(1.29)	3.17	6.36	1.28	2.32	
March	6.29	1.97	2.22	2.51	3.52	1.97	3.43	(2.72)	1.73	1.86	
April	1.72	3.21	3.05	.66	1.36	1.82	.18	1.17	3.43	2.07	
May	2.47	2.99	1.96	3.14	5.03	.58	1.54	3.33	1.10	1.66	
June	1.23	1.87	3.54	2.51	3.36	4.11	1.67	4.41	2.18	1.41	
July	1.70	1.65	3.77	4.08	1.84	7.17	3.79	(5.94)	2.37	5.43	
August	4.49	1.77	4.57	5.14	.65	7.20	6.79	(3.33)	.52	3.45	
September	2.51	3.58	2.06	4.06	1.72	3.81	7.34	4.35	.05	4.33	
October	.97	5.72	2.25	5.46	3.21	2.99	2.83	3.69	2.99	5.24	
November	8.75	2.97	2.30	6.69	2.38	2.10	2.12	1.22	4.91	4.97	
December	4.41	3.56	1.61	7.19	5.46	5.44	4.37	4.30	6.04	4.46	
TOTALS ...	42.94	35.54	30.94	47.93	33.51	45.84	39.90	45.54	28.86	43.54	39.42
	np	np	d	D	D	D	1/3	below	np	D	

1951 n.p. low

1952 NP low

20004

10604

1953 Point less g. in use from June 1953.
 July 1953 J.B.O.H. True 45.58 N. True NE-E well soon reached. Site one-capped W-S-E. Tend well rec.

1957 np low

1959:- np less.

1958 np low.

1960 From each 26.7. Only well not yet built, fence not cut. Owner will be asked.

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference SK 171838

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
	C1915 ✓	✓	✓	✓	✓ std 49.50