

RAINFALL AT Hayfield The Dymocks

Lat. Lon. County of Derby

Bradford Rain Gauge, by Baseline
Upper mercury -1. verified Observer G.H. Hill & Ch. & H. Lowerby Hallie C. G.
+ E.P. Eaton's Co.

Diameter ..		5									
Height		1. 3									
Altitude ..		1450									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			(3.40)	3.28	4.07	2.85	4.80	1.70	3.62	1.90	
February ..			(1.50)	3.77	3.52	2.30	2.90	2.12	4.10	3.07	
March			3.54	4.97	2.24	4.47	3.84	3.48	4.26	3.03	
April			2.48	2.65	2.52	3.10	1.83	2.16	2.54	2.84	
May			3.80	2.57	2.26	1.14	4.82	4.54	3.25	2.40	
June			2.04	1.28	1.12	2.68	1.85	7.12	2.04	3.34	
July			2.85	3.50	1.81	2.47	2.61	3.48	4.80	6.25	
August			4.05	5.27	4.68	4.80	3.38	5.37	3.99	3.30	
September..			1.25	5.80	1.76	2.71	1.91	.81	3.68	3.75	
October....			5.05	8.95	1.62	3.93	6.41	5.83	1.40	6.25	
November..			2.80	4.03	3.45	5.20	4.35	3.42	3.60	1.79	
December ..			3.80	2.35	2.37	.81	4.00	3.45	3.45	6.95	
TOTALS ..			(36.56)	48.42	31.42	36.46	42.20	43.48	40.93	44.87	

1902 January & February estimated

NB Rejected from Survey as 3° low.

erected by T. Walker

+ 1.VIII.02 H.S.W. On ground sloping to N. at a little distance the ground falls rapidly.

1908-1933 Received & entered September 1934.

RAINFALL at Hayfield, The DymperCounty of DerbyshireObserver Stockport W.H.River Basin Upper Derwent - 1

0. Deadon Lay.

Bradford Rain Gauge, by Cassella

Diameter	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
Height	1.3										
Altitude	1450										
Year		1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
January		3.60	1.43	3.64	3.94	3.57	3.87	2.35	2.30	2.72	4.46
February		4.10	4.09	1.49	1.49	2.87	4.15	5.03	1.13	5.09	1.53
March		.96	2.20	4.64	3.20	5.32	2.53	2.02	2.10	2.29	4.62
April		4.68	2.49	1.18	4.49	1.69	.73	3.29	1.24	1.98	2.20
May		2.88	1.91	2.78	2.87	3.13	1.27	2.55	1.42	3.77	1.72
June		3.45	3.70	5.05	2.81	3.02	2.01	4.10	2.44	2.27	2.45
July		6.59	6.3	5.50	1.56	4.80	3.97	2.40	1.65	4.90	3.30
August		6.98	3.13	7.98	2.40	4.26	3.05	3.16	6.45	4.32	4.55
September		.50	3.01	3.06	1.56	3.40	.76	2.62	2.50	10.69	2.98
October		2.68	3.18	3.45	2.95	3.20	1.78	6.67	5.30	3.06	2.95
November		4.17	4.25	2.74	3.68	3.68	.55	3.80	3.95	2.40	3.40
December		6.66	7.55	5.35	2.53	7.35	6.25	3.18	2.17	7.40	7.95
TOTALS		47.55	37.57	46.86	33.48	46.29	30.92	41.17	32.65	50.89	42.11

1908-1933 Records received & entered September 1934.

Position of Station on reduced Ordnance Survey } No. of Map. 27 Reference No.....
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

RAINFALL at Hayfield, The Dymocks

County of Derbyshire

Observer, Steelport W.L.

River Basin Upper Mersey 1

9. Bearden Reg.

Bradford Rain Gauge, by Coquelle

Diameter	5										
Height	1.3										
Altitude	1450										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	4.20	4.90	4.42	5.33	3.28	3.57	4.82	3.32	8.77	2.38	4.60
February	4.11	.71	5.85	5.51	1.21	6.74	4.00	2.59	5.11	1.02	.60
March	2.72	2.65	2.03	2.24	1.05	2.26	2.00	5.01	2.49	.98	2.53
April	3.45	1.78	2.83	3.50	2.46	2.31	2.18	3.63	1.27	.68	2.67
May	6.35	2.02	1.07	3.95	6.01	4.14	3.57	1.49	1.08	2.75	2.49
June	3.90	.37	2.71	1.59	2.96	.38	3.36	6.68	4.62	3.05	
July	5.21	1.40	5.46	5.18	5.13	2.28	3.40	3.07	2.87	4.11	7.42
August	2.47	4.19	5.57	4.81	7.17	3.54	4.77	6.00	6.32	4.87	7.04
September	2.82	1.30	4.73	6.91	5.45	4.93	3.38	7.65	.84	2.22	5.09
October	2.85	2.51	1.80	5.00	6.07	6.00	x	4.06	6.20	5.85	7.24
November	1.23	2.54	3.75	5.32	3.00	5.33	5.22	4.99	7.25	8.54	5.32
December	3.63	5.61	3.59	5.08	4.00	3.17	2.81	1.20	2.58	8.17	4.11
TOTALS	44.94	29.98	43.81	54.42	47.79	44.65	imp.	49.69	49.40	imp.	52.16

1908-1933 Records received & entered September 1934.

X 1925. Earth: gauge frozen. 1929. April gauge leaking. June, gauge emptied.
5 1926. gauge tampered with, empty.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series

} No. of Map 27

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction

RAINFALL at Hayfield, The Dimples

County of Derbyshire

Observer Stockport T.W.D.

River Basin Upper Mersey - 1

900 feet Elevation

Type of Gauge Bradford Barilla

Stockport Corp. W.L.

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

£ 667593/26

Diameter	5										
Height	1.3										
Altitude	1450										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.37	3.97	2.96	3.80							
February	5.57	1.22	5.27	2.29							
March	2.27	2.98	3.11	3.16							
April	4.76	4.84	1.80	3.02							
May	2.52	4.83	1.92	2.92							
June	6.28	1.98	3.32	2.53							
July	5.68	5.05	3.06	3.73							
August	6.60	1.48	2.03	3.54							
September	5.58	3.97	.88	3.88							
October	2.00	8.63	5.75	6.87							
November	5.70	3.49	2.73	2.55							
December	2.00	1.64	1.43	6.68	#						
TOTALS	54.33	43.38	33.28	42.57							

1908-1933 Records received & entered September 1934.

Inspected 6/9/34 Overseas New (octapod) gauge tube installed
and called Sett (10 inches). Existing gauge tube
with a arrow.

T 31/12/34 S. moved 290 yds N.W to Sett Dimples 2643/6/4

Position of Station on reduced Ordnance Survey Map, } No. of Map... 37..... 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

RAINFALL at Sea (Simpson) Hayfield Dr. (D. Simpson Clough) (1929) X 13

County of Bury. Observer Stockport W.W.
 River Basin Upper Mersey - 1 2 Beetham Reg.
 Type of Gauge M.C. Stockport base = 1 ft.

Annual Average 46.7 in. based on 9 years obs. yrs-weighted. Period of average..... Ref.

f 667593/26

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height						5					
Altitude					1260	✓	1.0				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January					4.80	5.98	5.66	5.43	7.47	6.60	(6.60)
February					6.75	8.80	7.40	1.97	3.30	3.60	(3.60)
March					2.08	3.11	5.49	2.68	2.88	3.32	
April					3.80	1.40	4.72	1.56	2.76	3.10	
May					1.35	1.91	2.41	3.90	1.78	1.24	
June					4.68	3.32	2.22	4.28	2.47	1.05	
July					2.69	6.38	5.67	5.76	6.37	4.43	
August					2.15	2.56	1.03	2.70	1.93	2.20	
September					7.34	7.30	1.08	(3.44)	1.24	3.84	
October					10.00	5.98	3.93	8.60	3.70	3.93	
November					6.26	5.76	1.80	5.31	6.75	8.61	
December					5.09	7.21	5.38	6.70	2.66	4.93	
TOTALS					55.99	53.71	46.79	51.23	43.53	42.77	m

Took set up as result of inspection 6/9/36. New Occultant gauge.

G. from Hayfield Driftwood 1/1/35
 1935 Sep. coll'd. by Stockport Corp. W.W.

1940 Jan Feb pl coll

Turf wall erected round gauge.

Position of Station on reduced Ordnance Survey Map. } No. of Map 37 Reference No.
 1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1934			Hayfield	36.43 miles S 57° W of N		Hayfield	3,600 yds S 56° W of N

Station No. TF. 2643/6/4

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RAINFALL at Hayfield (Dimps Calm)

County of Derby

Observer Stockport Corp. - W.W.

River Basin Upper Mersey - 1

Type of Gauge m. o.

Annual Average 46.0 in. based on 9 years obs. unweighted. Period of average 1881 - 1915 Ref. 1 W.S.

File No. 667593/26

Diameter	5"		558	436							
Height	1' 0"			1							
Altitude	1250'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(4.10)	(4.53)	5.14	8.03	4.72	5.62	(3.50)	9.80	3.90	2.95	
February	6.80	(3.14)	3.66	3.40	4.50	7.12	(2.00)	3.40	2.82	5.53	
March	5.35	3.79	1.90	1.30	2.20	1.67	(6.80)	1.84	2.80	2.10	
April	3.45	1.68	2.12	3.47	2.22	1.82	3.70	2.28	3.91	3.14	
May	2.56	3.96	2.94	4.13	4.21	1.10	3.43	1.26	2.60	1.12	
June	2.61	1.16	3.28	3.98	4.02	4.18	2.50	5.66	1.36	3.05	
July	3.81	5.92	1.84	3.92	2.32	4.89	3.10	3.52	1.70	2.69	
August	7.15	4.50	5.23	3.30	3.43	5.50	.27	6.15	(3.80)	5.12	
September	1.03	3.60	5.65	5.25	3.00	5.88	2.00	2.94	1.93	6.09	
October	5.42	8.60	2.67	4.90	6.80	1.38	.82	3.07	3.54	2.14	
November	3.47	1.52	4.56	6.72	.86	6.72	6.30	2.81	5.62	6.07	
December	4.07	4.27	2.21	3.99	3.20	5.00	5.86	4.03	6.40	4.75	
TOTALS	43.62	(46.67)	41.20	52.30	41.48	50.88	40.28	46.76	38.98	44.75	

1941 Jan cat'd for snow.

1944 Turf Wall rebuilt 20.1.44

1948. Situated on ground

1942. Jan. & Feb. cat'd

1947. Jan. Feb. March est. position

open to N.E.

70004

00204

4000460004

5 Turf wall round gauge

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

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1941			Hayfield	3.643y	87°W of N	Hayfield	3.600y 85°W of N

A.M. Form 1903. Air Ministry, Meteorological Office.

Station No. 2643/6/4

T.F.32

RAINFALL at S. HAYFIELD (Derbyshire, England)

51

County of DERBYObserver STOCKPORT CORPN. W.W.River Basin MERSEY - UPER - 1Type of Gauge M.O. Octant. HLT AAnnual Average 46.9 in. based on 9 years obs., un-weighted. Period of average 1881 - 1915 Ref. J. W.S.File No. 667003/26

Diameter ...	<u>5"</u>	<u>558</u>	<u>436</u>								Means
Height ...	<u>1' 0"</u>			<u>1</u>							<u>1' 5"</u>
Altitude ...	<u>1250'</u>			<u>51</u>							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	(4.61)	5.70	2.10	(4.79)	(3.38)	(7.50)	(2.55)	5.05	(4.50)	9.10	
February	5.00	4.46	3.45	4.56	3.20	2.76	(3.15)	7.80	.75	4.63	
March	8.19	2.90	2.60	3.10	4.35	(1.80)	(3.15)	3.05	2.10	1.97	
April	4.00	4.50	2.95	.70	1.10	(2.12)	(.50)	1.40	3.05	2.30	
May	2.37	3.40	(2.20)	2.50	(4.52)	(1.63)	(1.15)	4.05	.80	2.10	
June	1.59	3.55	2.95	2.50	(3.40)	(2.80)	1.23	5.80	1.90	1.10	
July	2.44	3.15	(4.75)	6.00	1.00	8.00	(6.50)	6.10	(4.10)	(7.05)	
August	5.65	2.37	(4.80)	6.40	.38	(10.00)	(6.80)	3.75	.55	(7.00)	
September	2.64	4.90	2.85	3.90	1.39	(4.20)	8.70	6.35	.10	(4.00)	
October	9.6	4.90	(2.50)	6.60	1.47	(2.80)	4.05	4.40	3.75	6.75	
November	4.95	2.90	3.20	6.95	1.64	2.78	2.10	1.95	(5.50)	6.55	
December	6.10	3.05	2.30	6.50	(5.00)	(6.60)	6.15	4.20	7.00	5.00	
TOTALS ...	52.00	46.78	(36.65)	54.50	(30.83)	52.98	(46.03)	53.90	(34.10)	(57.55)	
	M	M	M	M	M	M	M	M	M	M	

1951 Don't est. by long. Use avg for snow. Long agrees.

1955 n.p. too much est. 12644 43014 57354 76604

1956: NP. too much est.

40424 00704

10000

July 1958 J. B. T. Satisfactory surface. poor turf wall.

1957 n.p. too much est.

1958 first 20004

Turf wall Annual drainage 45.54 in. based on 21 yrs obs. within 1935-57.5" los. Period of average 1916-50 - Ref. S. Rejected.Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference SK 065857

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Hayfield	3603 ^x	57°W 8N	Hayfield	3603 ^x 56°W 8N

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			C1935	✓	