

# RAINFALL AT *Hayfield The Dymore*

Lat. .... Lon. .... County of *Derby*

*Bridford* Rain Gauge, by *Basster*

Observer *E. H. Hill Esq. Ch. & H. Lowndes Hall Esq.*  
*+ E. M. Eaton Esq.*

*upper mercury - 1. vacated*

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	4.46	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*

*N.B.* *Reflected from Rainy 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 Derbyshire Observer Stockport W.T.River Basin Upper Mersey - 1 O. Dearden Esq.Bradford Rain Gauge, by Cassella

Diameter	5										
Height	1.3										
Altitude	1450										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	<del>1910</del>
January	3.60	1.43	3.64	3.94	3.57	3.87	2.35	2.30	2.72	4.26	
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	.63	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	4.27	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 &amp; entered September 1934.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Hayfield The DymperCounty of Derbyshire Observer Stalport W.T.River Basin Upper Mersey P. Bearden Esq.Bradford Rain Gauge, by Casella

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	7.1	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	5.45	1.78	2.82	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		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 &amp; entered September 1934.

X 1925. Estd: gauge frozen.

1929. April gauge leaking, June, gauge emptied.

O 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 Dympus

County of DerbyshireObserver Stockport T.M.River Basin Upper Mersey - 1P. Dearden Esq.Type of Gauge Bradford CasellaStockport Corp. W.W.

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

F 667593/26

7 22 12 72/-

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	2.22	5.27	2.9							
March	2.7	2.88	3.11	3.16							
April	4.76	4.54	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	3.34							
September	5.58	3.97	1.88	3.88							
October	2.00	8.63	5.75	6.87							
November	5.70	3.49	2.73	2.35							
December	2.00	1.64	1.43	6.68 #							
TOTALS	54.33	43.38	33.28	42.57							

1908-1933 Records received &amp; entered September 1934.

Inspected 6/9/34 Overexposed New (octapent) gauge to be installed and called Sett (Dympus). existing gauge to be withdrawn.

# T31/12/34 G. moved 290 yds N.W. to Sett Dympus 26/4/35/4

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	Direction from gauge

RAINFALL at Sea (Dimpun) Hayfield, (Dimpun Chough) (1929)

County of Dumfries Observer Stackport W.W.

River Basin upper Tweed - 1 2 Deighton Bog

Type of Gauge M.O. Stackport Corp. W.W.

Annual Average 46.7 in. based on 7 years obs. un-weighted. Period of average.....Ref.....

f 667593/26

Diameter .....						5						
Height .....						1.0						
Altitude .....					1250	✓						
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....					# 4.80	5.98	5.66	5.43	7.97	(6.60)		
February .....					6.75	8.80	7.40	1.97	3.30	(3.50)		
March .....					2.08	3.11	5.49	2.58	2.58	3.32		
April .....					3.80	1.40	4.72	.56	2.76	3.10		
May .....					.35	.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)	1.29	3.84		
October .....					10.00	5.98	3.93	8.60	3.70	3.95		
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	53.41	46.79	61.23	43.53	42.77		m

Seals set up as result of inspection 8/9/36. New Octapent gauge.  
G. from Hayfield Dimpun 1/1/35  
1939 Sept. calcd. by Stackport Corp. W.W.  
1940 Jan Feb & etc

Two well erected round gauges.

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	Direction from gauge
1937.			Hayfield	3643 yds	57°W of N	Hayfield	3,600 yds	56°W of N

Station No. 7F. 2643/6/4RAINFALL at Hayfield (Dimpus Brook) X

41

County of DerbyObserver Stockport Camp - W.W.River Basin Upper Mersey - 1Type of Gauge In. O.Annual Average 4.69 in, based on 9 years obs. unweighted. Period of average 1881-1915 Ref. I.W.S.File No. 667593/6

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	2.52	5.53	
March	5.35	3.79	1.90	1.30	2.20	1.67	(6.80)	1.84	2.80	2.10	
April	2.45	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	3.38	4.02	4.18	2.50	5.66	1.26	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	2.7	6.15	(3.80)	5.12	
September	1.03	2.60	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	2.27	2.21	3.39	3.20	5.00	5.86	4.03	5.40	4.75	
TOTALS	48.82	(46.67)	41.20	52.30	41.48	50.88	40.28	46.76	39.98	44.75	

1941 Jan cat'd for snow.

1946 Jan Well rebuilt 20.1.46

1948. Situated on ground

4000460004

1942. Jan. &amp; Feb. cat'd

1947. Jan. Feb. March cat'd

open to N.E.

70004

00204

5 Turf wall round gaugePosition 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			Hayfield	3 1/43y	87° N of N	Hayfield	3 1/200y	86° W of N

BRITISH RAINFALL ORGANIZATION



Station No. 2643/6/4 T.F. 32RAINFALL at 8 HAYFIELD (DIMONA GROUND) **51**County of DERBYObserver STOCKPORT CORN. W.W.River Basin MAKESY - UPPER - 1Type of Gauge M.O. Octapent H.I.I.A.Annual Average 46.9 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. T.W.S.File No. 662/203/26  
EA2637/52

Diameter ...	5"			558	436						
Height ...	1' 0"				1			1' 5"			
Altitude ...	1250'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(4.6)	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 ...	2.94	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 ...	.96	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	1.55	(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	45.78	(36.65)	54.50	(30.83)	52.98	(46.03)	53.90	(34.10)	(57.55)	
	M				n.p.	NP.	n.p.	M.	M	M	

1951 Jan est. by Eng. Rec. only for snow. Eng. agrees.

1955 n.p. too much est.

1956 NP. too much est.

Inch. till 1958 1/10. Satisfactory comparison. Low temp. well.

1957 1/10 too much est.

1958 print 00004

Annual average 45.54 in. based on 21 yrs obs within 1935-57. 5" less. Period of average 1916-50 - Ref. S. - Rejected.

Position of Station on Ordnance One-Inch map :

No. of Map 111National Grid Reference SK 065857

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Hayfield	3603' 57°W RN	Hayfield	3600' 56°W RN

Summary of Earlier Records from 10-year Sheets :

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