

RAINFALL AT Hayfield Mill Hill

Lat.

Lon.

County of Derby

2 1/2 inch mouth Rain Gauge, by N 12

Observer G. N. Hill Esq. C.E. & H. Lowery Esq. C.E.
Em. Lacey Esq. C.E.

weekly upper nearly 1.

Diameter ..			5								
Height			1 3								
Altitude ..			1730								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			3.70	2.90	3.40	3.45	5.45	1.93	4.20	1.85	
February ..			.98	3.90	3.60	2.33	2.70	2.20	4.16	3.70	
March			2.88	4.98	1.98	4.20	3.50	3.80	3.22	3.22	
April			2.40	2.85	2.95	3.40	2.23	2.68	2.50	2.84	
May			3.95	2.99	3.34	1.13	4.40	4.54	3.50	2.15	
June			2.00	1.50	1.43	2.97	2.05	7.97	2.03	4.02	
July			3.25	4.52	2.30	3.25	3.45	3.44	5.00	7.55	
August			4.20	6.05	5.08	4.98	5.12	5.82	3.72	3.88	
September ..			1.43	5.57	1.86	3.70	2.35	.98	4.40	3.90	
October			6.40	10.00	2.30	4.90	6.55	6.50	1.10	6.52	
November ..			2.47	5.33	3.93	4.90	5.66	4.07	4.25	2.20	
December ..			3.68	1.86	2.98	1.00	4.19	3.41	3.30	(6.50)	
TOTALS ..			37.34	52.45	35.15	40.21	47.65	47.34	41.38	48.33	

1904 January x gauge tampered with one week computed

N.B. Rejected from Survey as 3" Low.

1908-1933. Records received & entered September 1934. Dec. 1909 estd.

Rected 17 N. 01 H.F.W. on somewhat undulating moorland.

+ 31. N. 02 H.F.W.

RAINFALL at Hayfield, Mill HillCounty of DerbyshireObserver Stockport W.V.River Basin Upper Mersey - 12. Beardsley PeggRain Gauge, by N. 9. 45

Diameter	5											
Height	1.3											
Altitude	1730											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	
January	3.47	1.61	4.05	3.80	4.55	6.25	4.51	2.45	2.65	4.67		
February	4.50	5.02	1.49	1.51	2.42	3.30	6.26	1.11	6.10	2.38		
March	1.05	2.91	5.33	5.43	6.55	2.40	2.16	3.01	1.89	5.65		
April	5.67	3.55	1.65	4.01	2.09	1.88	3.79	1.79	2.30	2.72		
May	4.00	1.56	3.66	3.49	3.40	1.60	2.85	2.44	4.07	2.48		
June	4.37	4.65	6.42	3.16	3.50	2.23	4.74	2.19	3.16	2.79		
July	7.45	.65	6.43	1.75	5.54	6.03	3.85	2.00	5.06	3.58		
August	7.00	2.78	11.20	2.96	5.97	4.98	3.41	6.62	4.71	4.84		
September	.55	3.49	4.32	1.85	3.58	1.45	3.87	3.02	11.60	2.76		
October	3.48	3.58	3.78	3.24	3.20	2.48	6.36	6.31	4.41	3.10		
November	4.32	5.79	3.35	5.25	5.80	1.57	3.45	6.45	2.77	3.62		
December	6.42	6.88	6.91	3.32	5.70	6.94	3.57	2.20	8.84	7.86		
TOTALS	52.28	42.47	58.59	39.77	52.30	41.11	48.82	39.59	57.56	46.45		

1908-1933 Records received & entered September 1934.

1910 Jan. read on Feb. 2nd

+ Feb. 7th. Earth. inside can leaking.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch SeriesNo. of Map.....27.....

Reference No.....

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

RAINFALL at Hayfield, Mill Hill.....

County of Derbyshire Observer Stockport W.V.

River Basin. Upper Mersey - 1

Rain Gauge, by *N. S. H.*

Diameter	5										
Height	1.3										
Altitude	1730										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.79	7.88	4.00	6.20	2.96	4.10	3.97	4.61	9.10	2.37	4.52
February	4.54	.90	5.87	5.80	1.41	5.29	4.15	2.48	4.92	1.11	.71
March	2.75	3.68	2.61	2.22	1.28	2.29	1.83	4.83	2.07	1.25	2.86
April	6.36	1.75	2.96	3.57	2.30	2.43	2.56	4.69	1.48	1.46	3.00
May	6.20	2.25	1.53	4.30	5.29	4.20	4.20	1.63	1.30	3.00	2.49
June	4.60	.62	3.81	2.13	3.19	.22	3.20	7.20	6.42	1.64	4.10
July	8.11	1.78	6.04	6.78	5.45	3.18	3.81	2.45	2.50	4.15	8.68
August	2.67	4.90	7.08	6.07	7.69	3.90	6.06	6.35	6.04	5.38	6.45
September	3.74	1.66	5.68	6.05	4.54	5.35	3.96	8.45	.70	2.35	4.95
October	2.18	3.00	1.67	5.05	6.41	5.68	4.24	4.29	6.05	5.76	7.15
November	1.58	2.60	3.86	4.87	3.17	6.20	4.84	5.38	7.00	8.25	5.38
December	4.51	7.15	4.10	4.97	4.14	3.31	3.22	.82	2.05	7.05	3.52
TOTALS	53.03	38.17	49.21	58.01	47.83	46.15	46.04	53.18	49.63	43.77	53.81

1908-1933 Records received & entered September 1934.

* 1925, Nov. estd. gauge frozen.

o 1929. Dec. read 2nd Jan. 1930.

Position of Station on reduced Ordnance Survey } No. of Map... 87
Map, 2 miles to 1 inch Series

Reference No.

[illegible]

(B.R. 1936) Hayfield (mill hill)
 RAINFALL at upper Solingworth blough. K10

County of Derby Observer Stockport W.W.

River Basin Upper Mersey - 1 J. Beaylen Esq.

Type of Gauge M.O. Stockport Esq. W.W.

Annual Average 47.0 in. based on 9 years obs. yr.-weighted. Period of average Ref.

f 667593/26

Diameter						5						
Height						1.0.						
Altitude					1625	✓						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January					3.46	5.97	5.13	4.00	8.99	(3.00)		
February					7.89	4.60	6.63	1.41	3.12	(3.70)		
March					2.18	4.00	4.84	1.88	2.62	3.70		
April					3.48	2.03	4.31	4.46	3.55	3.75		
May					4.49	1.09	2.95	3.82	2.75	1.05		
June					4.00	2.77	2.25	4.00	2.80	1.00		
July					2.24	6.12	4.26	5.53	7.87	4.82		
August					1.79	2.75	1.12	3.00	2.14	2.28		
September					6.18	6.72	1.35	3.58	1.57	3.98		
October					7.05	4.35	2.60	6.95	2.90	3.86		
November					5.77	5.70	2.22	4.23	6.52	8.19		
December					5.65	5.22	4.88	6.75	2.85	4.75		
TOTALS					50.18	52.32	42.53	45.61	48.68	44.28		

S. from mill hill c. 1/1/35

1940 Jan. & Feb. est'd

Footnote in B.R. 1936 that walk round gauge

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map 87 Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1937.			Hayfield	3.874	400 35° 20' N	Hayfield	3.793	900 34° 20' N

RAINFALL at Hayfield, Mill HillCounty of DerbyshireObserver Stockport W.W.River Basin Upper Mersey - 12. Deafen Exp.Type of Gauge h.s.g.Stockport Corp. W.W.

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

F 667593/26

5-001540/20

Diameter	5										
Height	1.3										
Altitude	1730										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.70	5.60	2.72	3.92							
February	5.69	4.45	4.37	4.49							
March	4.40	2.85	2.96	3.76							
April	4.70	4.80	1.42	2.86							
May	2.82	4.95	2.12	3.40							
June	7.33	.88	3.68	3.30							
July	5.97	6.88	3.42	4.90							
August	7.65	2.04	1.88	4.10							
September	5.28	4.62	1.22	3.55							
October	2.20	8.96	5.68	7.54							
November	6.06	3.12	3.25	3.19							
December	2.00	1.62	.63	7.29							
TOTALS	57.80	46.47	33.35	48.30							

1908-1933 Records received & entered September 1934.

Gauge was erected 11.11.33.

Hayfield 6/9/34. New (octapent) gauge 6 1/2" set up & then existing gauge

31/12/34 G. moved 670 yds WSW to Upper Hollingworth Clough 2643/9/8

Position of Station on reduced Ordnance Survey Map, } No. of Map 87

1 mile to 1 inch Series

Reference No.....

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

Station No. 75. 2643/9/8RAINFALL at Hayfield (Mill Hill)

41

County of DerbyshireObserver Stanford Corp. W.D.River Basin Upper Trent - 1Type of Gauge T.O.Annual Average 47.9 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. 1.W.S.File No. 1667592/26

Diameter	5"			558	514						
Height	1'0"				1						
Altitude	1625'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.90)	(5.80)	5.45	7.35	7.00	6.15	(4.50)	11.56	4.58	4.30	
February	7.50	(3.60)	3.27	(3.50)	(6.40)	7.50	(2.30)	(4.30)	2.27	6.68	
March	5.78	(4.50)	1.64	1.48	1.72	2.40	(6.89)	1.11	2.00	1.93	
April	1.72	1.50	2.25	2.52	2.30	1.78	3.35	1.83	3.82	3.84	
May	2.98	3.87	2.75	7.40	3.47	1.70	3.60	(1.80)	3.26	1.40	
June	2.53	(1.47)	3.98	3.50	4.35	4.43	2.59	6.60	1.40	3.35	
July	3.43	6.30	2.66	4.60	2.04	6.50	3.40	2.58	2.00	3.56	
August	6.34	3.88	6.05	4.36	3.25	5.27	2.3	5.80	(4.00)	4.28	
September	.77	3.60	5.50	6.00	2.90	6.00	1.90	2.82	1.70	7.30	
October	6.70	7.22	3.12	(5.50)	6.90	1.00	1.06	3.24	(4.40)	2.75	
November	3.44	1.57	3.81	(7.40)	7.4	6.66	5.76	3.04	6.08	6.17	
December	3.00	3.87	2.12	2.91	3.17	4.84	5.90	4.08	8.47	4.70	
TOTALS	47.99	(47.18)	42.60	(56.52)	44.24	54.23	41.39	48.76	(44.48)	50.66	

1941 Jan. est'd. for snow. Feb & Oct. part est'd. by obs. 1942 Jan. Mar. & June est'd. by obs.
 1944 Feb. Oct. & Nov. est'd. by observer.
 1945 Feb. est'd. by observer.
 1947 Jan. 26. Nov. est'd. by obs.
 1948 Feb. & May est'd. by engineer. Gauge situated on ground open to SE.
 1949 Aug & Oct. est'd. by engineer.

40004 71004

§ Turf Wall round gauge.

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			Hayfield	387 yds.	36° W of S.	Hayfield	3793 yds.	34½° W of S.

BRITISH RAINFALL ORGANIZATION

Station No.

2648/19/8

T.F.

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RAINFALL at 8 HAYFIELD (Mill Hill)County of DERBY

Observer

STOCKPORT CORPN W.W.River Basin MARSEY, UPPER - 1Type of Gauge M.O. OctapentAnnual Average 47.0 in. based on 9 years obs. un-weighted. Period of average 1881 - 1915 Ref. T.W.S.

File No.

662093/26

Diameter ...	5"			55.8	51.4							
Height ...	1' 0"				1					1' 6"		
Altitude ...	1625'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	(6.5)	4.05	2.75	4.96	(4.40)	7.35	2.80	(4.90)				
February ...	5.25	(4.50)	3.80	4.69	3.60	2.96	4.10	(5.40)				
March ...	5.75	2.95	3.25	(3.70)	(4.30)	(2.20)	3.60	(2.80)				
April ...	2.75	3.75	2.80	.90	2.50	2.10	(1.60)	.96				
May ...	1.83	2.90	2.25	2.85	5.60	2.30	1.60	4.15				
June ...	1.80	2.80	3.00	2.60	3.75	(4.20)	(2.10)	6.00				
July ...	4.30	4.30	6.80	9.20	1.40	(6.30)	(6.10)	5.78				
August ...	6.70	2.90	4.65	6.70	1.10	(12.50)	7.20	4.55				
September ...	(3.20)	6.60	2.55	5.80	2.75	6.25	(9.10)	5.75				
October ...	1.00	4.80	2.65	8.45	3.20	3.80	5.80	4.70				
November ...	9.10	3.50	3.65	7.15	2.15	2.80	(3.30)	(2.50)				
December ...	6.62	6.20	2.50	8.20	(6.00)	(1.35)	5.20	4.50				
TOTALS ...	54.95	49.15	40.65	65.20	(40.75)	60.11	51.50	(54.99)				
	M	H	NP	M	M	NP	NP	M				

1951 Jan. left out by Eng. Gauge situated on ground open to the S.E. wind
by turf wall. 1000450014 116140552470024

1953 NR 1 low. 19.5.5 Jan & Mar. est'd by M.O. 36. Dec by Eng.

1966 NP too much est; 0.5m pond all down except NE. Post turf wall.

Temp. 1958 B.O.K. Terminated 3/11/58 1957 NP too much Est. 1958-60 too much est.

Turf wall 4010420004

Position of Station on Ordnance One-Inch map :

No. of Map.....111

National Grid Reference SK 056878

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Hayfield	3874 35°W of S.	Hayfield	342°W of S 3793

Summary of Earlier Records from 10-year Sheets :

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