

RAINFALL AT Hayfield Leygate Head Moor

Lat. Lon. County of Derby

Last month Rain Gauge, by N & L

Weekly ^{verified} upper meadow - 1. Observer G.H. Hill Esq Ch. H. Somerby Wall Esq
Embleton Esq.

Diameter ..		5"									
Height ..		1 3									
Altitude ..		1550									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			3.65	2.40	3.00	3.36	4.96	1.74	3.71	1.96	
February ..			.90	3.23	3.73	2.52	2.95	2.17	4.11	3.33	
March ..			2.73	4.46	2.00	3.82	3.50	3.57	3.22	3.12	
April ..			1.94	2.75	2.65	3.43	2.32	2.51	2.78	2.83	
May ..			3.75	2.28	3.05	1.08	4.40	4.33	3.23	2.35	
June ..			1.78	1.31	1.36	2.62	2.15	6.87	2.02	3.90	
July ..			2.86	3.85	2.02	3.04	3.19	3.85	4.30	7.35	
August ..			3.34	4.95	4.80	4.03	4.62	5.51	3.30	3.70	
September ..			1.25	4.61	1.57	3.57	1.96	.78	4.08	3.35	
October ..			5.45	8.05	2.17	4.85	5.90	5.85	1.20	5.81	
November ..			2.15	5.25	3.89	4.23	5.07	3.70	3.90	2.03	
December ..			3.16	1.40	2.73	.80	4.15	2.86	3.07	6.19	
TOTALS ..			32.96	44.84	32.97	37.35	45.17	43.24	38.92	45.92	

N.B. Rejected from Survey as 7" does

1908-1933. Records received & entered September 1934.

Heated 17. XII. 01 N.W. on fairly wide ridge ~~2000~~ running N + S.
 + 31. VII. 02 N.W.

RAINFALL at Hayfield, Seagdalehead Moor

County of Derbyshire

Observer Stockport W.H.

River Basin Upper Tawdery - 1

J. Peacock Esq.,

Rain Gauge, by H. F. G.

Diameter	5										
Height	1.3										
Altitude	1550										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
January	3.28	1.63	3.63	3.23	3.94	6.13	4.05	2.67	2.50	4.40	
February	4.32	3.92	1.23	1.21	2.02	3.20	5.73	1.48	8.41	1.35	
March	.89	2.59	4.64	5.17	5.72	2.38	2.10	2.63	2.02	4.76	
April	5.50	3.15	1.45	3.45	1.75	1.80	3.93	2.28	2.32	2.27	
May	3.42	1.41	3.29	2.93	3.05	1.49	2.81	1.52	4.05	2.07	
June	4.45	4.13	5.75	2.80	3.65	2.10	4.80	2.30	2.95	2.77	
July	6.55	1.62	6.03	1.82	4.95	6.00	3.01	1.83	4.85	3.53	
August	5.62	2.55	9.70	2.67	4.23	4.65	3.24	6.01	4.60	4.92	
September	.55	3.28	3.62	1.27	3.45	1.22	3.62	2.48	10.20	2.62	
October	2.99	3.18	3.25	2.88	2.62	2.27	6.10	6.15	3.52	3.43	
November	4.05	5.10	3.15	4.30	4.82	2.55	3.28	5.81	2.40	3.45	
December	5.51	6.76	5.60	3.24	5.57	6.74	4.43	2.05	8.35	8.77	
TOTALS	47.13	38.32	51.34	34.97	45.77	40.53	47.10	37.21	53.17	44.64	

1908-1922 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	Direction

RAINFALL at Hayfield, Sedgefield MoorCounty of DerbyshireObserver Stockport T.T.T.River Basin Upper Derwent - 12. Decadean P.y.Rain Gauge, by N.A.G.

Diameter	5										
Height	1.3										
Altitude	1550										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	4.70	6.49	3.90	4.98	2.68	3.69	4.03	7.30	8.84	2.15	4.20
February	4.22	9.3	5.29	5.44	1.29	5.83	3.70	2.19	5.25	1.10	.73
March	2.47	3.19	2.52	2.00	1.09	2.39	2.05	4.89	2.08	1.17	3.28
April	5.62	1.68	3.03	3.35	2.08	2.45	2.52	5.10	1.47	1.75	3.51
May	5.60	1.92	1.28	4.17	5.01	3.75	4.16	1.61	1.35	2.75	2.46
June	3.70	.57	3.42	1.88	2.96	.27	3.32	6.74	5.82	1.80	3.42
July	7.48	1.60	5.44	6.25	4.85	3.39		2.05	2.48	3.85	8.72
August	2.51	4.43	6.69	5.23	7.43	3.77	5.31	5.56	5.95	5.10	6.10
September	3.55	1.43	4.83	5.38	4.46	5.32	4.36	8.67	.75	2.39	4.65
October	1.49	2.75	1.59	4.06	5.04	5.30	3.82	4.42	4.54	8.76	7.50
November	1.33	2.26	3.69	4.73	2.80	4.98	4.93	5.66	6.64	7.95	4.91
December	3.78	7.09	4.62	4.75	3.73	4.00	3.54	4.43	2.14	6.68	3.35
TOTALS	46.45	34.34	46.30	52.22	43.42	45.14	44.62	47.35	42.45	52.81	3

1908-1933 Records received & entered September 1934.

X 1925 Nov. std. gauge frozen.

† 1926 July gauge tampered with, empty.

X 1927 Jan. gauge tampered with.

○ 1929 Dec. read Jan. 2nd 1930.

Position of Station on reduced Ordnance Survey } No. of Map 37..... Reference No.
Map, 2 miles to 1 inch Series }

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

RAINFALL at Hayfield, Sedgefield Moor.

County of Derbyshire

Observer Stockport W.W.

River Basin Upper Teme Valley - 1

D. Deasden Edge

Type of Gauge n.g.

Stockport Corp. W.W.

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

f 667593/26

Diameter	5										
Height	1.3										
Altitude	1550										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.89	5.47	2.65	3.73							
February	6.10	4.48	4.75	4.42							
March	.68	2.76	3.11	2.80							
April	5.38	5.32	1.65	2.21							
May	2.47	5.40	2.05	2.70							
June	6.83	.63	3.95	3.10							
July	6.34	5.95	3.12	4.63							
August	7.38	1.65	2.28	3.14							
September	5.47	4.39	1.28	2.95							
October	2.42	9.46	6.04	6.56							
November	5.31	3.68	2.82	2.56							
December	2.57	1.56	.58	5.68 *							
TOTALS	59.84	46.75	34.28	40.57							

1908-1933 Records received & copied September 1934.
 Inspector 6/9/34 Surveyor. Table continued until 1938.
 # 31/12/34 G. moved to new site 280 yds N. 2643/97/5

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

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

RAINFALL at Hayfield, (Langdale Moor) near Matlock K.W.

County of Derbyshire.....

Observer T. D. Langford Esq.,

River Basin Upper Teeswater - 1

Stockport 10° N.W.

Type of Gauge M.O.

Annual Average 46.3 in. based on 10 years obs. un-weighted. Period of average..... Ref.....

f 662593/26

Diameter						5						
Height						1.0						
Altitude						1530						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January					# 4.44	5.20	4.72	4.65	8.87	(2.30)		
February					8.00	3.70	6.22	1.80	3.32	(3.10)		
March					2.43	3.77	4.72	2.68	2.72	3.68		
April					4.12	1.91	4.80	1.60	3.75	(3.80)		
May					1.54	1.03	2.80	4.00	2.80	.70		
June					3.92	3.55	2.28	4.20	2.61	1.31		
July					1.92	6.60	4.85	5.90	7.73	(4.75)		
August					1.66	2.44	1.18	3.21	2.18	(2.25)		
September					6.43	7.15	1.38	3.75	1.55	4.00		
October					9.37	5.21	2.15	6.88	3.62	4.00		
November					5.50	6.03	2.00	4.77	6.87	8.41		
December					7.20	4.64	4.66	(6.53)	2.74	4.78		
TOTALS					55.52	51.56	41.76	48.77	48.46	(43.08)		

G. formerly at 2643/9/7

1938 Dec. estd. by Stockport Corp. W.W.

1940 Jan. Feb April July Aug. estd?

Footnote in B.R. 1936 tiny wall mount gauge.

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
1937.			Hayfield	3.363 yds	36° W/S	Hayfield	3.280 yds 36° W/S

Station No. 2643/97/5

RAINFALL at S. Hayfield (Longgatehead Trans.)

41

County of Derbyshire

Observer Stockport Corp. W.W.

River Basin Upper Mersey -

Type of Gauge M.O.

Annual Average 46.3 in. based on 10 years obs. un-weighted. Period of average 1881 - 1915 Ref. I. W.S.

File No. 667593/26

Diameter	5"			558	530						
Height	1' 0"				1						
Altitude	1530'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.69)	(5.70)	5.03	7.30	(6.70)	6.05	(4.50)	10.67	3.44	4.00	
February	7.20	(3.50)	3.22	3.39	6.20	7.27	2.29	4.27	2.23	5.83	
March	5.70	(4.20)	1.55	1.13	(1.75)	2.20	(6.60)	1.00	2.37	1.90	
April	2.00	1.50	2.77	2.93	2.57	1.98	3.15	1.95	3.67	3.87	
May	3.10	4.12	2.63	7.36	3.61	1.71	3.61	1.80	3.00	1.20	
June	2.40	1.42	4.11	3.80	4.18	4.50	2.62	(6.60)	(1.20)	3.10	
July	3.53	5.46	2.84	(4.50)	2.11	6.21	(3.50)	2.56	(2.00)	3.60	
August	6.81	3.64	6.29	4.17	3.59	5.26	4.5	5.78	3.30	4.30	
September	8.82	3.06	5.56	5.70	2.78	6.28	1.73	2.85	2.25	7.20	
October	6.01	7.65	3.08	5.10	7.55	1.00	(1.00)	3.18	4.20	2.40	
November	3.42	1.67	3.93	7.15	.86	7.03	6.14	3.14	6.70	6.50	
December	3.02	(3.60)	2.20	3.22	3.00	4.57	5.95	(3.80)	7.52	4.30	
TOTALS	47.69	(45.52)	43.21	55.75	44.90	54.06	(41.54)	(47.60)	(42.18)	48.20	

1941 Jan est'd. for snow

Feb & Mar. part est'd. by observer

1942 Jan - Mar. + Feb. est'd. by observer

504440101401404

1944 July est'd. by observer

50004

1945 Jan & March est'd. by observer

00404

1947 Jan. est'd. for snow.

March, July, October est'd. by observer.

1949 June Dec. est'd. by engineer.

Gauge situated on ground open to N.

1949 June Dec. est'd. by engineer.

40004 70004

S Turf Wall round gauge.

Position of Station on reduced Ordnance Survey Map, 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	3363y	36°W	Hayfield	3280y	36°W

Station No. 2643/9/7/5 T.F. 51

RAINFALL at § HAYFIELD (LONGSTICKER MOOR)

County of DERBY

Observer STOCKPORT CORPN. W.W.

River Basin MERSEY, UPPER - 1

Type of Gauge M.O. Octalpost

Annual Average 46.3 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.
 " " 48.31 " " 22 " within 1935-57. " " 1916-50 File No. 667893/26
 E 82487/53

Diameter ...	5"		558	530							
Height ...	1' 0"				1						
Altitude ...	1530'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(6.60)	4.75	2.15	(4.90)	(4.40)	(7.35)	(2.68)	(4.80)	5.15	9.10	
February ...	4.22	3.95	3.25	4.38	3.25	2.65	3.80	(8.10)	(7.70)	5.40	
March ...	5.45	2.60	3.50	3.60	4.30	(2.10)	3.60	2.75	2.35	1.70	
April ...	2.40	3.75	2.75	.65	(2.30)	(2.00)	(.60)	1.10	(3.20)	(2.80)	
May ...	1.90	2.95	2.30	2.60	(5.60)	(2.00)	(1.60)	(4.35)	.55	(2.30)	
June ...	1.50	2.95	2.80	3.15	3.30	(3.80)	(2.00)	5.95	1.17	(1.50)	
July ...	4.45	4.10	6.40	(9.10)	(7.20)	(6.45)	(6.00)	(6.00)	(4.80)	7.50	
August ...	6.60	2.80	(4.60)	6.25	.68	(11.60)	(7.10)	4.20	.48	6.80	
September ...	3.00	5.55	1.85	(5.60)	2.50	(5.60)	(8.90)	(5.60)	.16	(4.80)	
October ...	1.20	(5.00)	(2.40)	6.80	2.60	(3.80)	5.20	(4.60)	3.95	5.30	
November ...	9.25	3.65	2.90	(6.60)	1.80	(2.30)	(3.20)	(2.50)	6.00	6.00	
December ...	7.12	4.80	1.80	(7.80)	6.80	(7.00)	5.00	3.45	7.00	5.20	
TOTALS ...	50.79	46.85	36.70	61.43	(37.73)	56.65	(49.68)	(53.40)	35.51	(58.40)	
	M	M	NP	NP	NP	NP	NP	NP	NP	NP	

1951 Jan. est. by Eng. Gauge set on the ground to the N surrounded by a

steep wall.

1953 NP low 00244 40534064045774477246256424404 1959 - up to much est.

1954 NP too much estimation needed in who est. by Eng. (much underest.)

1955 NP " " " 1960 up to much est.

1956 NP 1957 B.O.K. " " " 1958 up to much est. Slight increase to 50th week reasonable before Turfwall goes

Turfwall 1959 up to much est. 1958 up to much est.

40004 00044

Position of Station on Ordnance One-Inch map : No. of Map: 111 National Grid Reference SK 054874

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Hayfield	3363 ² 36 ² W43	Hayfield	3280 ⁴ 36 ⁴ W43

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			c1935	✓	—