

2643/6/7

# RAINFALL AT Hayfield Gaken Clough

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

Zinc Surdon Rain Gauge, by N 52 Observer G. Hill Esq. & H. L. L. Esq. by G. Hill Esq. & H. L. L. Esq.  
upper man - 1. verified

Diameter ..			5								
Height ....			1 3								
Altitude ..			1300								
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			2.69	2.64	3.32	2.23	4.58	1.41	3.07	1.37	
February ..			1.52	2.86	3.90	2.00	2.71	1.65	3.19	2.51	
March ....			2.70	4.23	2.14	3.56	2.47	2.91	3.21	2.80	
April .....			2.22	2.42	1.88	2.85	1.78	2.34	2.62	2.35	
May .....			3.80	2.60	2.44	1.02	4.59	4.32	3.10	2.45	
June .....			2.20	1.51	1.30	2.54	1.78	6.05	2.00	3.79	
July .....			2.70	3.60	2.37	2.15	2.10	3.23	4.25	5.09	
August .....			4.25	4.71	4.73	4.50	3.32	4.58	3.60	3.00	
September ..			1.44	5.14	1.66	2.63	1.70	.78	3.30	3.30	
October .....			4.91	8.06	1.27	3.36	6.06	6.15	1.40	4.95	
November ..			2.44	3.63	3.02	4.93	4.12	3.07	2.80	1.31	
December ..			3.18	1.92	2.09	.82	3.29	2.79	2.95	4.80	
TOTALS ..			34.05	43.32	30.12	32.59	38.50	39.28	35.49	37.72	

N.B. Rejected from Survey as 10" low.

Erected 18. XII. 01 H.S.W. On flat open moor sloping to W. & S.  
† 31. VII. 02 H.S.W.  
1908 - 1933 Received & entered September 1934.

RAINFALL at Hayfield, Gales BloughCounty of Derbyshire Observer Stockport W.T.River Basin Upper Mersey - 1 20 Oadsen 29/12Snowdon Rain Gauge, by N. & J.

Diameter	5											
Height	1.3											
Altitude	1300											
Year	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1000	
January	2.21	1.23	2.72	2.56	2.73	4.95	2.24	1.87	2.08	3.64		Totals 15.19 10.03
February	2.65	2.39	1.25	.94	2.20	3.47	3.95	.82	3.30	1.27		9.34
March	.83	1.76	3.60	3.92	3.92	1.31	1.81	2.05	2.24	3.76		9.86
April	4.00	2.42	.82	3.30	1.37	1.42	2.87	1.25	2.02	1.73		7.87
May	2.60	1.26	2.79	2.43	2.46	1.34	2.49	1.63	3.50	1.60		9.22
June	3.55	3.45	4.60	2.22	3.20	1.91	3.90	2.20	1.80	2.41		10.31
July	5.75	.86	5.36	1.70	4.37	5.25	2.46	1.45	4.29	3.40		11.60
August	6.05	2.97	8.23	2.23	4.20	4.42	2.49	5.22	4.28	4.23		16.22
September	.52	2.71	2.74	1.46	2.90	.78	2.41	1.75	9.15	2.42		15.73
October	2.40	2.57	2.95	3.27	2.70	1.95	4.71	4.25	2.29	3.30		14.55
November	4.03	3.80	2.16	2.94	3.85	2.58	2.70	3.45	1.95	2.82		10.92
December	5.86	6.15	4.05	2.16	5.60	6.55	2.75	1.24	5.83	6.45		16.27
TOTALS	40.45	31.07	41.27	29.13	39.50	35.93	34.98	27.18	42.73	37.04 <sup>3</sup>		141.92 246

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

\* Feb. 1916 taken on March 3<sup>rd</sup>

Position of Station on reduced Ordnance Survey } No. of Map.....27.....

Map, 2 miles to 1 inch Series

Reference No.....

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

RAINFALL at Hayfield, Baken CloughCounty of DerbyshireObserver Stockport W.H.River Basin Upper Mersey - 1J. Bearden Esq.Sunderland Rain Gauge, by N. & S.

Diameter	5												
Height	1.3												
Altitude	1300												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
January	3.80	4.23	4.00	4.81	2.73	3.71	4.07	3.25	8.38	2.26	5.00	Total 15	46.24
February	3.71	5.3	5.37	4.52	1.09	5.92	3.47	2.35	4.53	1.07	7.0		33.26
March	1.83	2.05	1.90	2.11	1.01	2.37	1.70	5.04	2.27	9.4	2.73		23.95
April	5.21	1.58	2.83	3.11	2.12	2.08	2.13	3.81	1.40	1.46	3.20		28.93
May	5.35	1.83	93	3.77	5.64	3.75	3.53	1.42	1.27	2.76	2.80		32.75
June	3.60	3.1	2.43	1.62	2.64	2.5	2.75	5.65	5.41	1.65	3.05		27.36
July	5.42	1.19	4.97	4.75	4.27	2.51	2.80	2.79	1.50	3.77	7.75		41.72
August	2.28	4.34	5.71	4.43	7.41	3.41	4.25	5.61	5.81	4.35	6.68		54.28
September	2.44	1.14	4.08	5.24	5.25	4.59	3.21	7.51	5.8	2.27	4.52		40.83
October	2.31	2.10	1.51	4.28	4.61	5.73	3.88	3.48	5.54	5.10	7.04		45.58
November	1.00	2.31	2.74	4.90	2.60	4.81	4.91	4.85	6.57	7.55	4.83		47.07
December	3.54	5.25	3.92	4.51	3.59	2.29	2.34	1.32	2.50	6.68	3.38		39.32
TOTALS	40.49	26.86	40.39	48.05	42.96	41.42	39.04	47.08	45.76	39.86	51.38		463.29

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

x 1925 Nov. catch. gauge frozen.

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 (Galam Slough) K.12County of DerbyshireObserver Stackport W.W.River Basin Upper Mersey - 12. Daulby 20.Type of Gauge Standard n.g.Stackport corp. W.W.Annual Average 43.7 in. based on 7 years obs. 4 in-weighted. Period of average..... Ref.....

f 667593/26

Diameter	5												
Height	1.3								1' 0"				
Altitude	1300								1250'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	7.50	4.80	2.85	3.43	2.40	5.09	5.30	4.43	6.22	(3.10)		Totals	45.12
February	4.93	2.6	4.82	3.7	4.98	4.00	7.39	1.76	3.21	(4.00)			35.72
March	3.5	2.79	3.29	2.95	1.61	3.41	3.51	1.95	2.83	3.17			25.86
April	5.41	4.57	1.67	2.77	3.30	1.83	4.48	3.5	3.20	3.00			30.58
May	2.20	5.14	1.84	2.37	1.61	1.67	2.85	(3.50)	2.50	1.00			23.68
June	6.00	7.7	2.62	2.31	4.28	4.04	1.98	3.99	2.78	1.06			27.83
July	5.29	5.12	3.15	3.77	2.84	5.87	4.98	5.27	6.77	4.22			47.28
August	6.69	1.41	2.0	3.02	2.28	2.75	1.25	2.57	2.46	2.07			24.60
September	5.20	3.58	1.61	3.33	6.41	7.54	1.13	3.60	1.43	3.65			36.53
October	2.37	9.05	(5.60)	5.63	8.25	4.83	3.34	6.20	4.19	4.18			53.64
November	5.05	3.25	2.66	2.86	6.60	5.50	2.40	4.67	6.68	8.10			47.77
December	1.95	1.44	1.59	5.37	4.55	5.44	5.63	5.93	2.82	4.46			38.18
TOTALS	52.84	42.18	(27.90)	38.23	48.11	51.94	44.24	44.22	45.09	42.01			438.79
				np	np	np	np	np	M	M			926

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

X 1933 Aug. &amp; Oct. gauge tampered with.

Inspected 6/7/34 Overexposed.

1937 n.p. low.

1938 May adjusted as gauge tampered with.

1938 n.p. low.

1940 Jan. etc. cond. for snow.

Twp. well erected round gauge 1937.

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	Direction from gauge
			Hayfield	3,220 yds	71° 0' N	Hayfield	3,160 yds	70° 0' N

Station No. T.F. 2643/6/7

RAINFALL at Hayfield (Oaken Blough)

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County of DerbyshireObserver Stockport Corps. W.W.River Basin Chapman-Mersey - 1Type of Gauge OrmsdonAnnual Average 43.9 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref 1.W.5.File No. 664823/26

Diameter	5"			558	446							
Height	1' 0"				1							
Altitude	1250'				111							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.00	(4.60)	5.45	6.45	5.50	5.30	3.79	10.18	3.84	3.50		Total 52.61
February	7.00	(2.75)	(3.40)	3.40	(5.00)	6.44	(2.00)	(3.36)	2.11	5.96		41.42
March	5.40	3.26	1.23	1.03	1.63	2.00	(7.30)	1.45	2.11	1.75		27.16
April	2.53	(1.95)	1.90	3.35	2.26	1.70	3.32	1.88	3.80	3.44		26.33
May	2.73	4.09	3.29	5.67	4.02	1.62	3.61	1.27	2.18	1.00		29.48
June	2.74	1.25	3.27	3.48	3.55	3.89	2.50	5.20	1.13	2.53		29.54
July	3.35	5.00	1.76	4.20	2.32	4.65	3.50	2.82	(1.90)	2.61		32.11
August	6.05	4.60	4.93	3.17	3.12	5.90	.57	6.00	4.40	4.50		43.24
September	.85	(3.50)	5.69	5.43	2.44	6.03	1.95	2.83	2.20	5.17		36.09
October	5.30	6.50	2.90	4.67	6.33	1.36	.82	2.73	3.94	2.30		36.85
November	4.00	1.42	4.26	7.75	.75	7.00	5.20	2.60	5.60	5.20		43.78
December	2.92	3.80	2.60	3.40	3.18	5.00	5.68	3.56	6.25	4.21		40.60
TOTALS	46.87	42.72	40.68	52.00	40.10	50.89	40.24	43.88	39.46	42.37		437.21
	M	M					M	TF				466

1941 Jan. Feb. Mar. Apr. Oct. part est'd. by observer. Jan. - April & Sept. est'd.  
 1943 Feb. est'd. by observer. 1945 As marked estimates.  
 1948. Situated on ground open to the W. Feb. est'd. by M236 Engineer Corps.  
 1949 July est.

6410420004

20004

300042000400404

S Turf Hall 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	3.220y	71°W of N	Hayfield	3.160y	70°W of N

BRITISH RAINFALL ORGANIZATION

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Observer STOCKPORT CORPN. W. W.

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File No. 667893/26  
12487/58

1951 Dam est. by Eng. Ice cap for snow Eng. agrees. Gauge situated on the ground near to the W. river by first wall.

2021400344

1953	Pink	40004	10004	04004
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1955. Dec est. H03. 2 g agrees.

1958. Betr. + Dec. est. 103-  
hub. III 1958 100k. slight over exposure NW-W-S. g. poor. + Repaired 1959.

Wet Wall Annual Average 43.56 in. based on 34 yrs obs. within 1922-57. 6 in less. Period of average 1916-58. Red = Predicted.

Position of Station on Ordnance One-Inch map : No. of Map.....111..... National Grid Reference SK064860

*Summary of Earlier Records from 10-year Sheets :*

1916-1950, P ☒ Rejected

(62) Wt. 13072—389 10M 6/50 T.S. 841