

Stockton
2643/6/7

RAINFALL AT Hayfield, Gaken Clough

Lat. Lon. County of Derby

Zinc Saunderson Rain Gauge, by N & Z Observer G.H. Hill Esq. & H. Hawley Esq. Esq.
Upper meadow - 1. Repaired T. E. Eaton Esq.

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	1.79	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. VIII. 02 H.S.W.

1908 - 1933 Received + entered September 1934.

RAINFALL at Hayfield, Gaskin BlaughCounty of DerbyshireObserver Stockport W.T.River Basin Upper Derwent - 12 Decades Avg.Snowdon Rain Gauge, by N.W.G.

Diameter	5											
Height	1.3											
Altitude	1300											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Totals,
January	2.21	1.23	2.72	2.56	2.73	4.95	2.44	1.87	2.08	3.64		16.1%
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		141.92

1908-1933, Records received & entered September 1934.
 * Feb. 1916 return on March 2nd

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, Bakewell, Derbyshire

County of Derbyshire

Observer. Stockport T.H.

River Basin Upper Teme - 1

J. Bearden Esq.,

Snowdon Rain Gauge, by H. A. H.

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
February	3.71	5.53	5.37	4.52	1.09	5.92	3.47	2.35	4.53	1.07	.70
March	1.83	2.05	1.90	2.11	1.01	2.37	1.70	5.04	2.27	.94	2.73
April	5.21	1.58	2.83	3.11	2.12	2.08	2.13	3.81	1.40	1.46	3.20
May	5.35	1.83	.93	3.77	5.64	3.75	3.53	1.42	1.27	2.76	2.50
June	3.60	.31	2.43	1.62	2.64	.25	2.75	5.65	5.41	1.65	3.05
July	5.42	1.19	4.97	4.75	4.27	2.51	2.80	2.79	1.50	3.77	7.75
August	2.28	4.34	5.71	4.43	7.41	3.41	4.25	5.61	5.81	4.35	6.68
September	2.24	1.14	4.08	5.24	5.25	4.59	3.21	7.51	.58	2.27	4.52
October	2.31	2.10	1.51	4.28	4.61	5.73	3.88	3.48	5.54	5.10	7.04
November	1.00	2.31	2.74	4.90	2.60	4.81	4.91	4.85	6.57	7.55	4.83
December	3.54	5.25	3.92	4.51	3.59	2.29	2.34	1.32	2.50	6.68	3.38
TOTALS	40.49	26.86	40.39	48.05	42.96	41.42	39.04	47.08	45.76	39.86	51.38

Totals

46.24

33.26

23.95

28.93

32.75

29.36

41.72

54.28

40.83

45.58

47.07

39.32

463.27

466

1908-1933 Records received & entered September 1934.

X 1925 Nov. cold. gauge frozen.

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

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

RAINFALL at Hayfield, (Colman's Brough)

K.12

County of Derbyshire

Observer Stockport W.W.

River Basin Upper Mersey - 1

Stockport 29.

Type of Gauge Standard No. 3

Stockport borehole W.W.

Annual Average 43.9 in. based on 7 years obs. un-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	2.26	4.82	3.37	4.98	4.00	7.39	1.76	3.21	(4.00)	35.72
March	3.35	2.79	3.29	2.95	1.61	3.41	3.51	1.95	2.83	3.17	25.86
April	5.41	4.87	1.67	2.77	3.30	1.83	4.48	.35	3.20	3.00	30.58
May	2.20	5.14	1.84	2.37	.61	1.64	2.85	(3.50)	2.50	1.00	23.68
June	6.00	7.77	2.62	2.31	4.28	4.04	1.98	3.99	2.78	1.06	29.23
July	5.29	5.12	3.15	3.77	2.84	5.84	4.98	5.27	6.77	4.22	47.28
August	6.59	1.41	2.20	3.02	2.28	2.45	1.25	2.57	2.46	2.07	24.60
September	5.20	3.58	.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	.59	5.37	4.55	5.44	5.63	5.93	2.82	4.46	38.18
TOTALS	52.84	42.18	(29.90)	38.23	44.81	51.94	44.24	44.22	45.09	42.01	433.79
				npn	npn	npn	npn	M	M	M	98

1908-1933 Records received & entered September 1934.

X 1933 Aug. & Oct. gauge tampered with.

Inspected 6/7/34 Overexposed. Ins. continued until 1938.

1937 np. 100.

1938 May adjusted as gauge tampered with.

1938 np. low.

1940 Jan Feb and for snow.

Snow wall erected round gauge 1937.

Position of Station on reduced Ordnance Survey Map, } 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
			Hayfield	3,220 yds	71° W/N	Hayfield	3,160 yds	70° W/N

Station No. T.F. 2643/617

41

RAINFALL at S. Hayfield (Oaken Glaze)

County of Derbyshire

Observer Stockport Corp. W.W.

River Basin Upper-Mersey - 1

.....

Type of Gauge..... aneroid

.....

Annual Average 43.2 in. based on 7 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1.W.S.

Ref. I.W.S.

File No. 664593/26

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
February	7.00	(2.75)	(3.40)	3.40	(5.00)	6.44	(2.00)	(3.36)	2.11	5.96
March	5.40	3.26	1.28	1.03	1.63	2.00	(2.30)	1.45	2.11	1.76
April	2.58	(1.95)	1.90	3.35	2.26	1.70	3.32	1.88	3.80	3.64
May	2.73	4.09	3.29	5.67	4.02	1.62	3.61	1.27	2.18	1.00
June	2.74	1.25	3.27	3.48	3.55	3.89	2.50	5.20	1.13	2.53
July	3.35	5.00	1.76	4.20	2.32	4.65	3.50	2.82	(1.90)	2.61
August	6.05	4.60	4.93	3.17	3.12	5.90	.57	6.00	4.40	4.50
September	.85	(3.50)	5.69	5.43	2.44	6.03	1.95	2.83	2.20	5.17
October	5.30	6.50	2.90	4.67	6.33	1.36	.82	2.73	3.94	2.30
November	4.00	1.42	4.26	7.75	.75	7.00	5.20	2.60	5.60	5.20
December	2.92	3.80	2.60	3.40	3.18	5.00	5.68	3.56	6.25	4.21
TOTALS	46.87 M	42.72 M	40.68	52.00	40.10	50.89	40.24	43.88 M	39.46	42.37

1941 Jan.-Feb.-Mar.-Apr. part est'd by observer Jan.-April & Sept. est'd

1943 Feb eat'd. by observer. 1947 Feb march est. (no)

Jan.-April & Sept. cat'd

1943 Feb eat'd. by observer. 1947 Feb march est. (no)

1948. Situated on ground open to the W. Feb.

1949 July est. 6410420004 20004 3000420004 001011

6410420004

2000年

300420040044

§ Turf Wall round cause

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 220y	71° W 5' N	Hayfield	3 160y	70° W 5' N

Station No. 2643/6/7 T.F. 32

RAINFALL at S HAYFIELD (BOKEN CLOUGH)

51

County of DARBYObserver STOCKPORT CORPN. W.W.River Basin MERSEY-UPPER-1Type of Gauge Standard OctagonalAnnual Average 43.9 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. T.N.S.File No. 667893/26
1881-1915

Diameter ...	5"	558	446								
Height ...	1' 0"			1							1' 2"
Altitude ...	1250'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	(5.5W)	5.84	2.25	4.42	3.33	7.72	2.55	4.30	4.05	9.05	
February	4.20	2.69	3.60	3.80	3.05	(2.30)	3.40	7.25	.55	(4.60)	
March	5.66	(2.60)	2.90	2.70	4.40	1.75	3.20	2.30	1.75	1.85	
April	3.20	3.21	(3.10)	.80	1.09	2.23	.58	.95	2.85	1.96	
May	2.37	2.50	2.40	3.35	4.62	1.32	1.35	3.55	.35	1.88	
June	1.30	2.32	3.40	3.05	3.60	2.90	1.48	5.60	1.85	1.17	
July	3.43	3.00	4.85	6.00	.60	7.35	6.25	6.15	3.60	7.17	
August	5.14	2.20	4.80	6.20	.72	(9.60)	(6.80)	3.40	.20	6.45	
September	2.37	4.60	2.90	4.05	1.73	3.92	(7.60)	6.05	.07	4.65	
October	1.10	5.85	2.60	8.00	2.60	2.80	(3.90)	4.45	3.91	6.20	
November	4.57	4.40	2.90	8.05	2.63	1.50	2.65	1.95	5.50	6.65	
December	5.80	4.00	2.05	7.00	5.00	(6.58)	5.15	4.00	6.70	4.15	
TOTALS ...	47.68	43.21	37.75	57.42	33.07	49.97	44.91	50.35	31.38	55.78	
	M	N.P.				nb	M	M	N.P.	M	

1951 Jan. est. by long. sec. and for snow, long. agrees. Gauge situated on the ground near to the W. river. by long. wall.

1952 N.P. unreliable

1953 Picnic 10004/10004/00004

1956 Dec. est. H.O.S. long. agrees.

1958. Sets + Dec. est. 1953. Repaired 1959.

July 1957 Box. Slight over exposure NW-W-S. f.g. poor. + Repaired 1959.

1957. 53F and 100 N.P. 1958+ f.g.

Turfwall Annual Average 43.56 in. Based on 34 yrs 28 obs. within 1922-57. 6 in. less. Period of average 1916-55. Ref. S. Rejected.

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference 5K064860

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Hayfield	3220'	71°W 8N	Hayfield	3160'

Summary of Earlier Records from 10-year Sheets :

1916-1950, P Rejected

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