

# RAINFALL AT Hayfield Sandy Hays

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

2 in monthly Rain Gauge, by N. 2 Observer G. H. Hill Esq. & H. Powerby Wallis Esq.  
weekly upper mercury - 1. (Emulation by C.R.)

Diameter ..			5								
Height ....			1 3								
Altitude ..			1500								
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			3.25	2.90	3.50	2.82	6.03	1.72	3.21	1.85	
February ..			1.37	3.10	4.62	2.52	2.85	2.18	4.07	3.40	
March ....			3.00	4.72	3.15	4.27	3.45	3.26	3.60	3.70	
April .....			2.79	2.77	2.52	3.72	2.28	2.96	3.36	2.90	
May .....			3.95	3.00	2.49	1.02	4.80	4.57	4.09	2.49	
June .....			2.16	1.46	1.35	3.13	2.17	7.22	2.18	3.91	
July .....			2.96	4.10	2.46	3.17	2.85	3.24	4.68	6.80	
August ....			3.85	5.48	5.28	5.36	4.56	5.20	3.45	3.70	
September ..			1.66	5.35	1.70	3.30	2.02	.75	3.98	3.65	
October ....			5.85	9.30	2.01	4.40	6.72	7.48	1.65	(5.80)	
November ..			2.70	4.80	3.75	4.57	5.35	4.23	3.45	1.72	
December ..			3.48	2.20	2.92	.75	4.13	3.16	3.20	7.38	
TOTALS ..			37.02	49.18	35.75	39.03	47.21	45.97	40.92	47.30	

N.B. Rejected from Survey as 6" low.

1908-1933, Records received & entered September 1934.

1909 Oct. extd. inside can leaking.

Erected 17 XII. 01 H.S.W. On moor sloping to S.W.

†: 1. XII. 02 H.S.W. Pos. very fair - no better available

RAINFALL at Hayfield, Sandy Hays  
 County of Derbyshire Observer Stockport W.H.  
 River Basin Upper Mersey - 1 J. Beards Esq.  
 Rain Gauge, by H.S.G.

Diameter	5										
Height	1.3										
Altitude	1500										
Year	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1000
January	3.29	1.55	4.24	3.83	3.79	6.05	4.03	2.80	2.79	4.60	
February	4.19	3.83	1.60	1.23	2.96	5.28	6.03	1.40	5.00	2.80	
March	.94	2.72	5.04	5.52	5.49	2.48	2.20	3.22	2.26	6.05	
April	4.78	3.14	1.24	3.91	2.01	1.73	3.95	2.42	2.35	2.67	
May	3.50	1.75	4.04	3.34	2.75	1.70	3.30	2.48	4.02	2.30	
June	4.05	3.81	5.75	2.53	3.66	2.21	4.65	2.48	3.04	2.64	
July	6.22	.60	6.30	1.80	5.24	6.30	3.45	1.77	4.98	3.82	
August	6.67	2.58	10.25	2.80	4.42	5.02	3.11	6.20	4.75	4.95	
September	.49	3.27	3.49	2.22	3.08	1.17	3.70	2.33	10.95	2.88	
October	2.87	3.23	3.98	4.17	3.38	3.27	6.08	6.02	3.61	4.12	
November	5.00	4.79	2.82	3.92	4.70	3.44	4.80	5.47	2.56	3.90	
December	7.58	7.40	5.55	2.75	5.40	8.70	3.50	2.01	8.65	8.16	
TOTALS	49.58	38.67	54.30	38.02	46.88	47.35	48.80	38.80	54.96	48.89	

1908-1933, Received & entered September 1934.

✓ 1910, Jan. read on 2<sup>nd</sup> Feb.

∞ " May cald. gauge pulled up.

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

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

RAINFALL at Hayfield, Sandy HeysCounty of Derbyshire Observer Stockport W.H.River Basin Upper Mersey - 1 2. Leaden Pgs.Rain Gauge, by H. H. J.

Diameter	5										
Height	1.3										
Altitude	1500										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.68	6.74	3.89	5.38	2.80	3.60	4.71	3.65	8.90	2.83	5.15
February	4.50	.85	5.65	7.09	1.35	6.68	4.23	2.22	5.00	1.05	1.12
March	2.67	3.24	2.84	2.06	1.36	2.62	2.00	6.02	3.23	1.19	3.25
April	6.73	1.94	3.92	4.00	2.55	2.71	2.68	4.88	1.63	1.97	3.96
May	4.75	2.21	1.36	4.42	5.44	4.41	4.13	1.42	1.37	3.20	2.55
June	4.48	.60	3.20	1.94	2.95	.29	3.58	6.61	6.08	1.75	4.00
July	7.29	1.74	4.95	6.24	5.64	3.15	3.86	2.56	2.36	3.97	8.24
August	2.52	4.79	7.23	5.22	7.72	3.89	5.71	6.20	5.89	5.10	6.70
September	3.48	1.51	5.39	5.53	4.84	5.38	4.13	8.15	.72	2.25	5.38
October	2.48	2.51	1.45	4.27	6.25	5.64	4.12	4.15	6.52	5.55	6.35
November	1.41	2.39	3.70	5.76	3.20	5.38	5.56	5.87	6.35	8.64	4.96
December	4.65	6.27	4.05	5.13	3.97	3.52	3.18	2.19	3.24	7.90	4.20
TOTALS	50.64	34.79	47.63	57.04	48.07	47.27	47.89	53.92	51.29	45.40	55.86

1908-1933 Received &amp; entered September 1934.

1925. Nov. extd. gauge frozen.

1929. Dec. read Jan. 2. 1930.

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 from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge



RAINFALL at Hayfield, Sandy HagsCounty of Derbyshire

Observer

Stockport W.W.River Basin Upper Mersey - 12. Deyden Co.Type of Gauge n.g.Stockport Capt. W.W.

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

f. 667593/26

Diameter	5										
Height	1.3										
Altitude	1500										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.38	4.75	2.56	3.61							
February	5.15	6.4	5.95	3.9							
March	3.35	2.61	3.42	3.72							
April	5.98	4.52	1.86	2.70							
May	2.91	5.20	2.37	2.72							
June	7.18	1.04	3.91	3.08							
July	5.72	7.37	2.95	4.49							
August	8.64	2.38	2.10	3.77							
September	5.86	4.10	1.40	3.28							
October	2.06	4.10	5.65	6.95							
November	6.29	3.27	3.75	2.82							
December	1.90	1.68	6.9	5.88							
TOTALS	59.42	41.66	36.61	43.41							

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

Inspector 6/9/34 Overexposed. New (octapent) gauge later called  
 Ashop Clough (Sandy Hags) later installed other existing gauge  
 later withdrawn.

# 31/12/34 G. moved 990 yds N. to Ashop Clough (Sandy Hags) 2643/9/6

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

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

(B.R. 1939) Hayfield  
 RAINFALL at Ashop & Glough (Bandy Hops) K7

County of Derby Observer Stockport W.W.

River Basin 1 - Upper Mersey Stockport Bury

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

Annual Average 5.67 in. based on 9 years obs. 1 in-weighted. Period of average Ref

f 667593/26

Diameter					5							
Height						1.0.						
Altitude					2040	/						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January					# 5.58	7.07	7.31	5.97	9.30	(4.30)		
February					10.73	3.50	10.22	2.57	5.98	(4.40)		
March					2.78	4.04	7.61	2.92	4.45	4.47		
April					3.14	2.75	5.19	7.4	3.94	3.82		
May					.60	7.31	2.68	4.51	2.85	1.60		
June					4.48	4.05	2.75	5.15	3.10	1.10		
July					2.82	7.64	5.27	7.32	8.62	5.90		
August					2.07	3.54	1.50	3.00	2.46	2.95		
September					7.18	8.35	1.81	3.80	1.80	5.17		
October					10.23	6.40	3.13	8.68	4.31	4.92		
November					6.60	7.35	2.75	6.00	8.90	9.82		
December					7.96	6.38	4.22	7.39	3.70	6.30		
TOTALS					64.17	62.68	54.44	58.05	59.41	54.75		

\* G moved 11/35 from Sandy Hops 2643/175

1540 Jan 5 Feb estd.

Foot note in B.R. 1933 Turp. with round gauge.

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	5,040 yds	58° W of S.	Hayfield	6,950 yds	58° W of S.

Station No. T.F. 2643/9/6RAINFALL at S. Hayfield (Sandy Hay)

41

County of DerbyObserver Stockport Corps. W.O.River Basin Upper Mersey - 1Type of Gauge M.O.Annual Average 56.2 in. based on 9 years obs. un-weighted. Period of average 1881 - 1915 Ref. I.W.S.File No. 66.7593/26

Diameter	5"			106	352	✓					
Height	1'0"				1						
Altitude	2040				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.50	(5.92)	7.61	8.10	(6.40)	6.30	(5.00)	13.26	6.60	4.60	
February	9.10	(4.20)	4.80	(3.30)	(6.50)	8.00	(2.50)	(4.35)	2.97	7.67	
March	6.02	(4.37)	1.90	2.30	2.02	2.50	(8.30)	1.62	3.01	2.78	
April	3.72	2.18	3.32	3.36	2.56	2.38	4.26	(2.60)	5.22	4.66	
May	3.62	4.24	3.80	6.38	3.87	2.00	3.95	1.93	3.31	2.33	
June	2.64	1.55	4.90	(4.70)	4.92	5.00	3.38	7.32	1.80	3.80	
July	4.13	(8.70)	(2.70)	4.92	1.85	6.93	4.10	3.54	2.80	4.15	
August	8.00	4.93	(7.40)	(4.30)	3.62	6.12	.53	6.76	5.15	5.00	
September	1.00	4.00	6.36	6.45	(3.50)	7.65	1.70	3.78	2.25	8.75	
October	7.80	8.58	3.57	5.80	7.27	1.45	1.30	4.05	5.10	3.40	
November	4.34	1.57	5.46	10.08	1.11	8.94	8.31	3.63	8.24	8.40	
December	4.00	4.49	3.00	4.02	3.50	6.89	7.58	4.28	9.45	4.45	
TOTALS	59.87	(54.73)	(54.83)	(64.31)	(47.12)	64.16	50.91	57.42	55.90	60.02	

1941. Jan. Feb &amp; Oct. part coll. by gauge

1943 July &amp; Aug. coll. by observer.

1944 Feb. June &amp; Aug. coll. by observer.

1945 Jan. Feb. &amp; Sept. coll. by observer. n.p. low (6 in.)

1946 Feb. adj. for new. Obs. agrees 16.4.46.

1947 Jan. Feb. March coll. by gauge.

1948 Feb. - April coll. by T.O.S. Engineer agreed. Gauge situated in open position.

70404 60604 21204

70004 24004

S 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	504.0 y.	58° W of S.	Hayfield	495.0 y.	58° W of S.



Station No. 2643/9/6 TF38RAINFALL at § HAYFIELD (SANDY HEYS) **51**County of DERBYObserver STOCKPORT CORPN. W.W.River Basin MANSEY, UPPER - 1Type of Gauge M.O. OctopentAnnual Average 58.7 in. based on 9 years obs. unreweighted. Period of average 1881-1915 Ref. I.W.S." " 58.89 " " 21 " " within 1935-51 " " 1916-50 File No. 667893/26E 22447/52

Diameter ...	5'			106	352	✓					
Height ...	1' 0"				1						
Altitude ...	2040				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(7.67)	(5.65)	3.75	(5.80)	(5.30)	(8.60)	(3.65)	(6.10)	(5.50)	9.80	
February ...	(6.10)	4.70	4.25	4.80	4.65	3.35	4.25	(8.80)	(.90)	6.00	
March ...	(8.30)	3.55	4.20	4.20	4.85	2.40	5.20	3.10	(2.75)	2.50	
April ...	3.50	4.95	3.70	1.10	3.35	2.80	(.80)	(1.90)	(4.00)	3.30	
May ...	2.64	(3.80)	2.90	4.10	6.70	2.80	1.75	4.80	.75	2.55	
June ...	(2.20)	3.15	3.75	4.80	3.70	3.95	(2.20)	6.45	1.40	(1.60)	
July ...	4.80	5.25	7.55	10.55	1.05	(8.10)	(7.10)	(6.70)	(5.30)	8.75	
August ...	7.70	3.50	5.20	7.85	1.35	12.05	8.45	4.60	(.80)	7.70	
September ...	3.55	6.85	3.90	6.25	3.40	6.80	(7.70)	8.20	(.40)	5.75	
October ...	1.50	5.60	3.10	10.65	4.35	4.20	5.40	6.88	4.15	7.00	
November ...	10.60	4.60	4.10	9.15	3.15	(2.70)	(3.80)	2.15	(7.00)	7.35	
December ...	8.38	5.60	3.25	11.40	8.20	(8.80)	6.10	4.80	(8.50)	6.10	
TOTALS ...	66.94 n.f.	57.20 M	49.65	80.65	80.05	(66.55)	(58.40)	(63.68)	(41.45)	68.40	

1951 Jan, Feb, Mar & June est. by Eng. & P. too much est. Gauge not in main position  
 curr by Hayfield wall. 4000 4 4000 4 4043 4 4552 4 4440 4 7473 4 0100 4

1956: Jan - July est'd 1103. Eng. agreed.  
 July 1958 J.B.O.K. New g. required d. take missing for last 2 months. Post tail wall otherwise  
 satisfactory appear

1958 mpt too much est

§ Third wall 1954: - n.p. too much est.  
 7100 4 4200 4

Position of Station on Ordnance One-Inch map :

No. of Map 111National Grid Reference SK 075 894

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951	.	.	Hayfield	5040	58° WGS	Hayfield	4950	58° WGS

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			c1936 236	✓ n.p. 45	