

RAINFALL at Hepworth (Spring Head) new site

County of York W.R.

Observer W. S. Lowe Esq. C.E.

River Basin Name: Aire - Calder - 8

Type of Gauge Bradford

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

Ref.

660870/26

Diameter											5'	
Height											1' 0"	
Altitude											1,165'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January											560	5.90 (3.70)
February											170	3.25 4.10
March											75	3.40 3.50
April											40	(2.30) 3.05
May											380	2.60 0.65
June											360	2.40 0.80
July											400	7.00 3.60
August											400	1.80 1.25
September											290	1.90 3.15
October											# 3.65	10.00 3.50 5.95
November											2.65	5.90 7.60 8.80
December											3.30	4.00 3.56 3.60
TOTALS											imp	46.65 45.70 42.05

Gauge surrounded by tall wall. Gauge moved from 3182/5 and to be run with 3182/6 to decide which shall be abandoned (see Inspection notes & 660870/26 Encl. 156B.)

940 Jan. 8th. for snow.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Haghead	2 5/8 m	S.E.	Hepworth	1 m	W.N.

3182/5

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RAINFALL at HEPWORTH (SPRINGFIELD) (A)

County of Yorks W.R.

Observer

F.R. Fox, Esq., C.E.

River Basin Ouse-Aire-Caith-S.

W.S. 1930, Eng. & E. (1936)

Type of Gauge Bradford

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

Ref.

660870/26

Diameter	5"										
Height	1' 0"										
Altitude	1180										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January						3.10	4.10				
February						2.74	(4.90)				
March						2.65	(3.05)				
April						1.55	2.80				
May						1.35	3.10				
June						5.20	1.25				
July						3.90	2.35				
August						1.30	1.00				
September						4.10	1.60				
October					#	4.25		X			
November						6.35	5.20				
December						2.45	4.25				
TOTALS					imp	39.59	imp.				

1931 Inspection. Recommended that this gauge should be moved to new site
and surrounded by high wall. (3182/3)
Station discontinued 1937.

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
1935	53° 23' 33" N 55° 33' 14" N	1° 43' 48" E 1° 43' 58" E	Derby Dale	2 1/2 m.	ENE	Hepworth	1 m.	WNE

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

RAINFALL at Hepworth (Spring Head) (B)

County of W.R. Yorks

Observer W. S. Lewis Esq., C.E.

River Basin Ouse - Aire - Calder - 8

Type of Gauge

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

660870/26

Diameter										5"	
Height										10	
Altitude										1180'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January							4.20	5.50	7.05	(3.75)	
February							6.00	1.55	3.15	3.25	
March							3.10	7.5	3.50	3.40	
April							3.00	4.0	2.30	2.95	
May							3.25	3.80	2.70	.70	
June							1.35	3.60	(2.90)	7.8	
July							2.50	4.05	6.90	2.80	
August							1.05	3.80	1.80	1.20	
September							1.65	3.00	1.90	3.10	
October							3.70	9.00	3.50	6.70	
November							2.70	5.10	7.55	8.55	
December							3.35	4.45	3.45	3.75	
TOTALS							34.85	45.00	(46.70)	39.93	

1937 with top soil. To be run with 3182/3 to decide which shall be abandoned. (See Inspection notes f. 660870/26 Excl. 156B)

1940. Jan: est'd for run.

41-43

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. 3182/3 T.F.

RAINFALL at ⁸ Helponth (Spring Head) ~~at A~~

41

County of West Ridings Observer W.G. Loo Esq.C.E.

River Basin Ouse - Aire - Calder - 8

Type of Gauge Bradford

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

Ref

E 11821/10D
File No. 660870/26

Diameter	5"	081	675								
Height	1' 0"		1								
Altitude	1165		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.50	(4.09)	6.80	8.00	5.72	6.00	3.65	9.25	1.70	2.60	
February	6.50	1.80	3.30	2.20	4.75	6.70	(W.80)	3.30	2.55	7.85	
March	6.20	2.40	2.10	.65	1.30	2.46	(8.00)	2.00	.95	2.10	
April	3.40	1.75	2.65	2.70	2.90	2.15	4.80	2.60	3.95	4.00	
May	3.20	3.80	2.87	3.40	4.30	2.60	3.50	1.55	2.50	(2.84)	
June	.95	1.35	2.27	2.10	3.65	4.85	3.15	4.85	.65	1.20	
July	1.90	3.40	1.48	3.00	1.95	3.15	1.90	1.30	4.45	2.10	
August	4.40	5.70	3.70	4.15	3.40	4.55	.50	4.65	2.30	3.20	
September	.40	2.20	4.10	6.60	1.97	6.05	2.15	1.45	1.35	5.10	
October	5.25	4.65	2.30	4.40	5.98	2.25	1.20	1.85	1.15	2.25	
November	3.80	1.70	3.30	8.22	73	7.70	5.25	1.70	6.05	5.80	
December	2.70	3.40	2.20	4.60	2.85	4.06	5.20	2.95	1.45	2.60	
TOTALS	42.20	36.15	37.07	50.02	39.50	62.51	44.10	37.15	38.05	40.94	

1942 Jan corr for snow 40004

30004

02004

1947 Feb man. read for snow by observer

1950 May part estimated.

⁸ gauge surrounded by turf wall.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 from gauge	Parish Church.	Distance from gauge	Direction from gauge.

Station No. 318216 T.F.

RAINFALL at Heswall (Spring Head) (8)

41

County of W.R. Yorks. Observer W.G. Leo, Esq. C.E.

River Basin Ouse - Aire - Calder - 8

Type of Gauge.

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

File No. 660870/26

Diameter	5"											Means
Height	1' 0"											
Altitude	1180'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950		
January	3.20	4.00	6.60	8.00								
February	6.70	1.60	2.95	1.95								
March	6.55	2.35	1.80	.62								
April	3.60	1.70	2.40	2.75								
May	3.40	3.75	2.85	3.35								
June	.90	1.30	2.23	2.00								
July	1.98	3.20	1.50	2.95								
August	4.28	5.55	3.80	4.10								
September	.40	2.00	4.25	6.60								
October	5.00	4.20	2.28	4.20								
November	3.70	1.65	3.00	8.00								
December	2.45	3.20	2.15	4.55								
TOTALS	42.16	34.50	35.81	49.07								

Gauge surrounded by turf wall.

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

Station No... 31.82/3

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RAINFALL at [§] Hepworth (Spring Head)County of West Riding - YorksObserver M. L. Lees Esq. C.E.River Basin Ouse-Aire CalderType of Gauge Bradford

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

Ref.

" " 42.44 " " 19 " within 1938-57 " " 1916-50

File No.

E 1182/50 E 21555/57

Diameter	5"	081	675								
Height	1'0"			1			" 2"		1' 0"		
Altitude	1165			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.90	5.40	1.35	3.45	3.65	6.65	2.65	4.25	4.70	5.90	
February	4.50	1.30	2.72	3.90	3.90	1.80	3.20	5.93	2.20	3.30	
March	5.45	2.40	2.25	3.45	3.25	1.55	2.20	3.05	1.60	3.10	
April	2.45	2.35	3.15	.55	1.05	3.10	.30	1.20	5.40	2.10	
May	5.55	2.50	2.75	4.15	4.35	1.20	1.05	3.90	1.00	2.50	
June	.70	1.95	3.85	1.75	3.15	3.40	1.15	5.56	1.90	1.20	
July	2.85	1.80	4.25	3.30	.85	7.50	3.45	5.65	2.45	4.70	
August	5.80	2.80	3.80	6.25	.75	7.45	6.04	2.75	1.05	5.20	
September	2.45	3.90	2.55	4.40	1.45	4.35	4.90	4.00	.25	4.25	
October	1.00	6.55	2.35	6.35	2.55	2.10	4.00	3.35	3.85	8.85	
November	9.80	2.40	3.65	7.60	2.25	1.35	2.95	.95	5.00	6.40	
December	7.30	3.30	1.90	5.85	5.15	5.30	5.55	5.00	8.30	5.35	
TOTALS	51.75	36.65	34.57	51.60	32.35	45.75	37.44	45.59	35.70	52.85	
	M	M					M	M	M	M	

INSP. APR. 1958 / Bkt. Satisfactory site, possibly slightly over-exposed to W. Turf wall to be regrassed.

§ Turf wall.

Position of Station on Ordnance One-Inch map :

No. of Map 102

National Grid Reference SE 179068

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			Cimp 1937	✓	-