

RAINFALL at Heckmondwike (The Bottoms)

County of York, W.R.

Observer Spentzbaugh V-D.C.

River Basin. Quose - Pine - Calder - S.

Type of Gauge.....Spiral

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

Ref.

847538/38

Books yrs 1922-1937 received 11/38

Bernard 1928-1932
below down of

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	Parish Church.	Distance from gauge.

RAINFALL at Heckmondwike (The Bottoms)

County of West Riding..... Observer Spennymoor U.D.C.

River Basin Ouse, River Calder, S.

Type of Gauge. Standard. 1930 1940.

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

Ref.

847538/38

Diameter	5										
Height	1	0									
Altitude	163									165	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.42	1.22	1.70	1.93	1.22	2.63	3.55	2.29	3.26	2.23	
February	2.49	2.28	4.34	1.14	1.83	2.55	4.23	55	1.31	2.56	
March	1.27	1.94	1.94	1.72	1.86	1.55	2.89	1.29	1.90	2.02	
April	2.38	1.57	1.49	2.28	2.64	1.15	2.22	1.05	1.73	2.73	
May	2.29	2.98	3.11	1.85	1.55	1.82	2.48	2.63	1.27	1.62	
June	4.76	1.14	1.65	1.08	1.83	3.22	1.97	1.98	1.95	1.40	
July	3.05	2.89	4.29	1.28	1.70	2.77	1.89	2.94	6.78	2.86	
August	3.09	1.69	1.54	1.80	2.71	1.42	1.02	3.24	1.11	1.55	
September	3.09	1.29	1.22	1.46	4.46	3.02	1.06	1.83	1.75	2.13	
October	1.06	3.01	3.06	1.82	4.27	2.84	2.46	4.22	2.03	3.05	
November	3.20	1.14	1.57	1.82	3.86	3.63	1.66	3.77	3.42	4.21	
December	1.93	1.57	1.36	3.60	1.92	1.44	2.00	2.85	1.53	1.43	
TOTALS	28.53	16.72	25.27	18.78	26.85	27.04	26.43	26.64	27.64	24.79	
	n/p	D	D	D							

1938 Weather buildings + trees 20' high 50yds away.

Barrel yrs. 1922-1937 n/p late, received 11/38. The values 1928-1932
1940. Greenhouse 10' high. 30' SE. may be best out ofPosition 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	Direction
1938 1939			Heckmondwike	1/2 mi 1/2 mi	N.N.E. NNW	Heckmondwike	3/4 mi 1m	N.E. N

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

Station No. 3243/5

RAINFALL at Heckmondwike (The Bottoms)

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County of West Riding Observer Spinkbridge UDC

River Basin Ouse - Aire - Calder - 8

Type of Gauge M.O.

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

Ref

File No. 847538/38

Diameter	5"		079	620							
Height	1' 0"			1							
Altitude	163'			41			165'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.80		3.77	3.58	2.49	2.61	2.38	6.31	1.03	1.69	
February	3.21		1.26	1.04	2.28	3.34	3.45	1.70	1.39	4.89	
March	3.21		.68	.14	.38	1.34	4.62	.86	.93	1.37	
April	1.97		(1.29)	1.71	1.82	1.43	2.35	2.11	2.33	3.26	
May	1.50		2.32	2.00	3.52	2.01	3.26	.75	1.54	2.00	
June	.63		1.85	1.23	2.96	2.09	2.56	3.38	.33	.86	
July	1.29		1.35	2.87	1.65	3.29	1.64	.78	3.58	2.10	
August	2.86		1.95	2.32	2.40	4.55	.50	3.34	2.23	3.64	
September	.46		2.83	3.98	1.23	4.19	1.06	.72	.90	2.90	
October	3.28		2.19	2.33	3.80	.71	.86	1.07	2.86	1.07	
November	3.74		1.85	4.72	.21	5.13	2.65	.85	4.04	4.23	
December	1.74		1.08	2.51	1.66	2.31	2.92	2.10	3.50	1.56	
TOTALS	27.69	N.R.	22.42	28.49	24.40	33.00	28.25	23.97	24.6	30.56	
			P	D	D	P	D	D	D	D	

1941. Greenhouse ro' high 30°SE
04004Position 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.
1941			Heckmondwike	1 m	NNW	Heckmondwike	1 m	N

BRITISH RAINFALL ORGANIZATION

Station No. 3243/5

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RAINFALL at Heckmondwike (The Bottoms)

County of West Riding - Yorks.

Observer Openborough U.D.C.

River Basin. Ouse-Aire-G Calder &

Type of Gauge. M.D.

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 " 27.37 " " 15 " within 1941-57 " " 1946-50
 File No. 247538/38

Diameter	5"	079	620								
Height	1'0"			1							
Altitude	165'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.43	2.89	.62	2.58	3.01	3.69	1.17	2.33	2.90	5.29	
February	3.29	.85	2.36	2.33	2.38	1.00	2.35	4.71	1.10	2.11	
March	3.59	1.76	1.15	1.44	2.26	.68	1.15	2.03	.97	1.74	
April	1.07	1.39	2.36	.20	.67	2.21	.15	.45	3.43	0.89	
May	4.40	2.22	1.60	3.25	2.42	.82	1.35	2.83	1.08	1.26	
June	.86	1.48	2.97	1.48	1.35	1.57	1.16	5.04	1.37	0.58	
July	3.14	1.21	2.98	1.50	.57	4.30	3.01	4.49	2.82	2.82	
August	4.58	1.91	3.46	5.73	.38	6.11	4.85	3.77	.38	5.03	
September	1.71	2.09	1.50	2.66	.95	3.05	3.74	2.62	.25	2.92	
October	1.25	3.98	1.83	3.94	1.70	1.13	1.57	1.68	1.95	6.74	
November	6.65	161	2.26	4.47	1.60	.72	1.84	.72	3.35	5.95	
December	3.23	2.32	1.26	3.13	3.18	3.04	2.82	3.81	3.76	2.94	
TOTALS	36.15	23.71	24.35	33.08	20.47	28.32	25.16	34.48	22.36	38.27	
	D	D	D	D	D	D	D	D	D	D	

1951. Building 15' high 25° SW.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 447220224

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Heckmondwike	1m. N.N.W.	Heckmondwike	1m. N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C 1922 -	✓ ✓ 1921-31-37	41 43-50 ✓	