

RAINFALL at Hesmondwike (The Bottoms)

County of York W.R. Observer Spomborough V.D.S.

River Basin Que. Aire Calder R.

Type of Gauge Snowdon

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

847538/38

Diameter	5										
Height	10										
Altitude	163										
Year	1921 1931	1922 1932	1923 1933	1924 1934	1925 1935	1926 1936	1927 1937	1928 1938	1929 1939	1930 1940	Means
January	3.11	1.45	2.14	2.57	2.40	1.84	4.56	1.51	3.46		
February	2.57	4.42	.84	4.10	2.03	.81	2.78	.29	.59		
March	1.89	1.61	1.28	1.14	.90	2.07	1.74	.24	2.44		
April	3.40	1.81	1.28	2.25	.86	1.86	.68	.74	1.75		
May	.98	2.94	4.06	4.16	2.50	1.58	1.83	1.16	1.32		
June	1.60	.68	2.08	.09	2.92	2.01	3.73	.73	1.74		
July	3.59	4.94	1.94	1.90	3.34	2.78	.27	1.91	4.06		
August	5.12	3.39	2.07	3.90	3.37	4.16	2.98	2.12	2.94		
September	3.40	1.80	2.84	2.37	1.40	3.37	.25	.50	3.53		
October	.88	2.12	3.19	2.82	1.80	2.19	3.39	2.08	2.90		
November	1.31	3.32	1.83	2.11	3.15	2.87	3.46	4.08	2.47		
December	3.61	2.40	2.51	3.52	.93	2.10	1.02	4.29	1.83		
TOTALS	31.46	30.88	26.10	30.93	25.60	27.64	26.69	19.65	29.03		
	n/v	n/v	n/v	n/v	n/v	n/v	n/v	n/v	n/v		

Back yrs 1922-1937 received 11/38.

Memoranda 1928-1932 long letters done ✓

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.

RAINFALL at Hickmonduke (The Bottoms)

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

River Basin Ouse Dist. Calder S.

Type of Gauge Standard 1940

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

847538/38

Diameter .....	5											
Height .....	10											
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	5.26	2.23		
February .....	2.49	.28	4.34	.14	1.83	2.55	4.23	.55	1.31	2.56		
March .....	.27	.94	1.94	1.72	.86	1.55	2.89	.29	1.50	2.02		
April .....	2.88	1.57	1.49	2.28	2.64	1.15	2.22	.05	.73	2.73		
May .....	2.29	2.98	3.11	.85	.55	.82	2.48	2.63	1.27	.62		
June .....	4.76	.14	1.65	1.08	1.83	3.22	.97	1.98	1.95	.40		
July .....	3.05	2.89	4.29	1.28	.70	2.77	1.89	2.94	6.78	2.86		
August .....	3.09	.69	.54	.80	2.71	1.42	1.02	3.24	1.11	.55		
September .....	3.09	1.29	1.22	1.46	4.46	3.02	1.06	1.83	.75	2.13		
October .....	1.06	2.01	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 .....	.93	.57	.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/v	n/v	n/v	n/v	n/v	n/v	n/v	D	D	D		

1938 Workers buildings & trees 20' high 50 yds away.  
Backe yrs. 1922-1937 n/v late, resumed 11/38. The values 1928-1932 may be low & y  
1940. Greenhouse 10' high 30' SE.

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	Parish Church.	Distance from gauge.
1938 1939			Hickmonduke	1/2 mi 1/2 mi	N.N.E. N.N.W.	Hickmonduke	3/4 mi 1 mi
							N.E. N

Station No. 3243/5

RAINFALL at Heckmondwike (The Bottoms)

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County of West Riding

Observer Spinkhouse VDC

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	.73	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	.88	
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	3.90	
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	1.86	
TOTALS	27.69	N.R.	22.42	28.43	24.40	33.00	28.25	23.97	24.66	30.56	

1941. Greenhouse 10' high 30.5 E

04004

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	Parish Church.	Distance from gauge.	Direction
1941			Heckmondwike	1 m	NNW	Heckmondwike	1 m	N

BRITISH RAINFALL ORGANIZATION



Station No. 3243/5RAINFALL at Hickmondwike (The Bottoms)

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County of West Riding - YorksObserver Spencerborough U.D.C.River Basin Ouse-Aire-GaldenType of Gauge M.O.Annual Average 27.37 in. based on 15 years obs. un-weighted. Period of average 1941-57 Ref. 5File No. 847538/38

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	.10	2.11		
March	3.54	1.76	1.15	1.77	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	2.64	.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	1.61	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. Buildings 15' high 25° SW.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 44/220224

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Hickmondwike	1 m.	NNW.	Hickmondwike	1 m.	N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C1922	✓	41.43-50	
		-	✓ 1921-37	✓	