

RAINFALL AT *Holmbridge Batley W. W.*

Lat.

Lon.

County of

Yorkshire W.L.

Rain Gauge, by

Observer

J. F. Baleman F.R.S.

Diameter...											
Height											
Altitude									917		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									7.40		
February. .									1.20		
March.....									3.80		
April									2.40		
May									5.40		
June									4.10	(29.20) 2.0	
July.....									.90		
August									6.50		
September ..									5.80		
October									4.90		
November ..									4.00		
December ..									2.30		
TOTALS ..				4260	5040	5270	5650	6770	48.70	47.50	

1879 No Observations

1873-77 and 1879. Recds. (from P.T.) W. 1911.

Entered XL 1912.

RAINFALL AT

Holmbridge, Ballynash 80
 Lat. _____ Lon. _____ County of *Yorks* *Gateholme Farm*
 Rain Gauge, by _____ Observers *J. F. Bateman, Esq. F.R.S.*

Cause - Aired border 8.

Diameter										7	
Height										1.0	
Altitude	<i>917</i>									861	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.20	.10	7.20	12.50	13.10	5.30	8.50	2.90	2.70	3.80	5.930
February	7.20	10.20	5.40	6.00	6.60	7.70	1.00	1.60	1.60	4.10	5.140
March	4.30	7.00	7.30	2.00	3.00	3.70	6.70	2.30	6.00	4.60	4.690
April	4.00	4.0	6.60	3.20	2.40	3.30	5.90	2.20	4.90	5.80	3.870
May	3.40	7.60	1.50	2.40	4.50	3.70	7.80	4.70	1.70	2.90	4.020
June	4.30	2.70	7.50	5.50	2.40	5.20	2.40	.60	3.60	.70	3.490
July	7.30	2.00	5.20	3.60	4.40	2.30	6.20	1.60	11.30	3.90	4.780
August	1.20	6.90	3.50	4.60	1.10	2.90	3.10	1.80	4.60	7.60	3.730
September....	5.90	2.90	3.50	8.20	3.70	6.70	4.70	6.30	1.90	4.60	4.840
October.....	8.00	8.40	5.00	8.60	4.00	12.60	7.40	5.10	3.40	7.40	6.990
November....	6.40	6.30	13.20	6.90	2.50	5.70	3.20	5.30	18.00	2.60	7.010
December	7.70	7.00	5.90	6.50	12.80	3.10	12.70	5.20	3.70	4.90	6.950
TOTALS	62.90	61.50	71.80	70.00	60.50	62.20	69.60	39.60	63.40	52.90	61.440

1889 *Holmfirth Ch* $2\frac{1}{2}$ miles NW

Stoneshall 3' 8" high 630 ft SE

This gauge was removed from where it was originally fixed some time previous to 1881 and since that date the altitude has been 861.3 ft *** it is in a field which is lower than Riding Wood Reservoir "Top bank" originally it was fixed in a field the higher side of Gateholme Farm.

1883 Return supplied by Mr. Kirby in 1890

RAINFALL AT *Holmbridge Gateholme*

Lat. _____

Lon. _____

 County of *York W.R.*

Rain Gauge, by _____

 Observer *O. J. Kirby Esq. C.E.*
Cause. Air - barometer

Diameter	7											
Height	10											
Altitude	861 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.20	6.10	6.80	1.60	5.90	4.90	3.40	3.20	5.20	10.60	5.670	
February	1.20	.50	5.00	9.70	11.00	.50	1.80	4.10	6.20	2.10	4.210	
March	7.40	4.80	1.40	2.10	6.40	5.60	10.00	7.50	4.60	3.30	5.210	
April	2.20	3.60	2.70	.80	3.20	3.40	2.60	5.70	3.90	4.50	3.260	
May	4.40	4.90	5.80	2.80	2.40	1.10	.90	1.60	5.00	4.00	3.290	
June	3.40	3.10	4.70	3.20	4.10	2.50	4.70	6.00	3.40	1.30	3.610	
July	4.80	3.70	4.50	5.60	4.60	8.70	2.90	2.80	1.60	2.80	4.200	
August	5.30	9.80	6.00	3.50	5.40	4.80	2.70	4.50	8.50	1.90	5.210	
September...	2.10	5.90	5.50	5.00	1.20	1.60	10.70	6.00	1.20	8.50	4.770	
October.....	5.60	7.80	9.80	4.00	7.40	6.30	8.10	2.60	7.20	5.70	6.450	
November....	9.90	5.70	3.20	5.30	4.40	5.80	2.10	6.80	4.10	2.10	4.940	
December	1.10	14.40	4.20	7.10	5.80	7.40	7.90	8.10	8.00	4.60	6.860	
TOTALS ...	56.60	70.30	59.60	50.70	61.80	52.60	57.80	58.90	58.90	51.40	57.860	

1890 Stone Wall 3 ft 8 in high 210 yards SE

Holmfirth Church 3 miles N.W.

1893 July new gauge fixed

1880 —

RAINFALL AT Holmbridge Gateholme

Lat. Lon. County of York w.R. Central

Rain Gauge, by Observer O. J. Kirby Esq. Ch.

Use - Rain + balder 8.

Diameter ..	7									9	
Height	10										
Altitude ..	861K										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	9.70	4.30	5.50	6.60	6.20	3.80	8.80	3.50	5.70	4.60	5.870
February ..	4.90	2.30	1.40	7.50	7.90	4.10	5.00	4.40	5.00	4.80	4.730
March	1.40	6.40	3.70	9.20	3.50	7.00	6.90	5.10	4.60	4.70	5.250
April	4.40	3.20	3.50	3.40	5.00	3.90	1.90	2.90	2.30	4.10	3.460
May	2.00	1.60	3.30	5.10	3.20	.90	4.20	5.00	3.80	2.40	3.150
June	2.90	1.90	2.10	2.00	1.50	2.90	2.20	8.50	3.00	4.00	3.100
July	3.70	5.30	3.50	3.60	4.60	3.00	3.60	3.10	4.90	6.90	4.220
August	7.10	2.60	4.10	7.50	5.70	5.20	4.10	4.40	3.60	3.70	4.800
September ..	1.80	.60	3.00	7.00	1.60	3.50	1.90	1.00	4.10	3.90	2.840
October	8.50	4.70	7.10	13.60	3.60	5.20	8.50	6.80	1.50	7.70	6.720
November ..	4.00	8.30	3.30	4.90	4.90	6.60	7.50	5.30	3.70	3.20	5.170
December ..	9.20	8.70	6.60	3.70	4.40	2.90	5.30	6.20	3.80	10.70	6.150
TOTALS ..	59.60	49.90	47.10	74.10	52.10	49.00	59.90	56.20	46.00	60.70	55.460

5 5 4 4 4 4

H. J.

RAINFALL at Holmbridge Yateholme FarmCounty of W YorkshureObserver J. C. Bannockburn Esq C.E.River Basin Quar-Aire Calder 8

7044

Rain Gauge

Rain Gauge, by

diam. 6.95, 6.95, 7.05, 6.97 (av. 6.97)
 inside top of cylinder 6.95, 6.95, 6.95, 6.95 (6.94)
 outside top 6.97, 6.97, 6.98, 7.02 (6.97)
 estimated internal diam. 6.94

Diameter ...	7										
Height	10										
Altitude ...	861 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	8.90	4.00	6.30	5.60	5.50	10.00	6.30				
February ...	7.80	10.50	2.50	2.40	4.40	7.80	9.80				
March	1.20	4.20	7.60	8.70	7.60		6.51				
April	5.30	4.40	2.20	5.50	1.90		4.75				
May	5.00	2.10	4.70	3.30	3.10		2.94				
June	4.00	4.50	4.80	3.90	4.60		4.72				
July	5.40	.30	6.80	1.40	3.90		2.31				
August	7.30	4.70	9.40	2.00	3.80		2.33				
September ..	.40	4.00	3.30	2.90	3.40		3.02				
October ...	4.50	5.40	6.00	4.80	3.70		10.98				
November ..	6.30	8.10	5.60	5.90	8.70		6.58				
December ...	8.20	9.10	10.00	5.50	10.30		5.00				
TOTALS ...	64.30	61.40	69.20	51.90	60.90		65.60				

No obstacles

+ 27.1.15. Cf. Land falls abruptly 100 ft. 74 ft NE. but is level to SW several hundred yds. Low wall 10-15 yds W. too near the bank. Gauge set to zero about 3 times a year.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.21.31	1.49.34 W	Holmbridge	3 m	SW	Holmbridge	1 m	S.E.

RAINFALL at Holmbridge Gatehouse FarmCounty of W.R. YorkshireObserver J. C. Barrowclough Esq. C.E.River Basin Ouse and CalderRitual Rain Gauge, by No 3 3428
diam 5.00 all overGlass: Calcd

Diameter ...					5							
Height					1.0							
Altitude ...					861							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means Totals	
January ...					5.97	12.00	6.90	4.23	5.33	8.30	24.76	✓
February ...					4.89	6.31	9.86	.80	10.97	2.38	24.01	✓
March					8.12	1.88	6.51	4.06	2.31	9.31	22.19	✓
April					2.16	2.72	4.75	3.66	1.78	2.83	13.02	✓
May					3.11	2.38	2.84	2.17	2.80	2.69	10.50	✓
June					4.77	1.39	4.72	2.44	3.09	2.07	12.32	✓
July					4.24	5.55	2.31	2.89	4.36	3.62	13.18	✓
August					4.02	5.41	2.33	9.01	2.99	4.95	19.28	✓
September ..					3.62	65	3.02	3.77	16.91	3.45	27.15	✓
October ...					3.86	2.26	10.98	10.37	5.39	4.42	31.16	✓
November ..					8.86	4.01	6.58	8.19	3.01	5.44	23.22	✓
December...					10.51	10.98	5.00	3.71	13.03	10.90	32.64	✓
TOTALS ...					64.13	57.54	65.90	55.30	71.97	60.36	253.43	✓

+ 27. I. 15. 1911. In field 8 yds S.W. of old g. (g.c.) fairly good site.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.32.31	1.49.34	Holmfirth	3 m	SW	Holmbridge	1 m	SW

RAINFALL at Holmbridge Gateholme FarmCounty of N. B. YorkshireObserver J. C. Barrowclough Esq. C.E.River Basin Cuse-Aire-Calden &W. H. Duckworth C.E. (1924)British Rain Gauge, by N. B. G.Water Eng. Station

Diameter ...	5"											
Height	10											
Altitude ...	561											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	8.22	10.28	5.61	4.90	4.25	6.12	5.96	6.01	17.50	2.83	10.22	81.90
February ...	6.23	6.66	7.66	8.33	2.04	8.02	4.05	1.87	9.42	.81	1.35	50.44
March	4.67	5.65	4.47	3.03	1.67	2.63	3.05	7.76	3.39	1.36	4.47	42.15
April	8.29	2.38	5.52	3.68	2.54	4.95	3.25	6.05	2.26	2.29	3.92	45.13
May	6.48	2.82	1.82	5.64	6.66	5.18	4.11	1.88	2.75	4.24	2.93	43.91
June	3.34	5.55	3.73	1.37	2.39	.13	3.79	5.30	6.42	1.40	4.88	33.30
July	9.44	3.02	5.79	4.90	3.77	2.21	3.30	3.18	2.76	3.67	8.98	51.02
August	3.36	7.55	8.14	5.22	4.19	4.61	6.28	6.98	5.31	7.26	5.70	64.60
September...	2.28	1.64	6.32	5.13	4.87	4.59	3.54	7.89	0.57	2.36	5.83	45.02
October	2.91	3.56	1.34	5.06	6.17	7.82	4.85	6.91	7.62	7.83	8.23	62.60
November...	2.57	2.92	4.19	9.92	3.67	3.65	6.94	8.49	11.04	12.05	7.84	73.28
December...	5.97	11.35	5.68	4.27	5.97	6.53	3.02	2.12	4.80	14.33	4.64	68.68
TOTALS...	63.76	52.68	60.27	61.45	48.19	56.46	52.14	64.44	73.24	60.43	68.99	662.03
	D	D	D	D	D	D	D	D	D	D	D	

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1920	53° 32' 31"	1° 49' 34"	Holmbridge	3 mi	SW	Holmbridge	1 mi	SW

RAINFALL at Holmbridge (Yateholme Farm)

County of West RidingObserver W. H. Duckworth, Esq., C.E.River Basin Ouse-Aire-Calder-8N.P. Joyce (1936)

Type of Gauge.....

Annual Average 56.4 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. S

820 633/28

Diameter	5.											
Height	1.0.											
Altitude	861.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.81	7.62	4.72	6.35	3.56	8.75	8.26	9.46	9.20	3.45	67.18	
February	9.88	5.4	8.06	3.3	10.51	4.20	9.69	3.39	7.25	3.43	57.28	
March	9.7	4.61	3.91	5.83	2.96	4.89	4.89	2.16	4.49	5.13	39.84	
April	6.34	7.63	1.96	3.89	5.35	2.48	3.65	.86	3.63	4.69	40.48	
May	3.98	6.77	2.08	4.70	1.00	1.94	3.04	5.34	2.51	.98	32.34	
June	6.00	.69	4.02	2.50	4.71	4.94	2.98	5.80	3.79	.95	36.28	
July	6.12	6.62	4.79	3.89	2.69	4.75	3.55	5.27	10.01	5.70	53.39	
August	8.19	2.79	1.14	3.83	3.20	2.91	1.70	5.26	2.63	2.82	34.47	
September	6.03	7.48	2.77	4.07	9.25	7.73	2.35	2.91	2.24	6.84	51.67	
October	3.40	10.65	6.61	8.24	14.77	7.86	3.82	14.41	3.88	6.93	80.57	
November	7.42	6.51	3.02	3.86	10.02	8.99	2.72	7.72	11.71	11.10	74.07	
December	3.46	2.80	1.01	6.20	4.74	6.51	4.05	6.21	7.09	8.28	50.35	
TOTALS	70.60	62.61	44.09	53.69	72.76	62.95	51.70	68.79	68.43	60.30	67.92	
	D	D	D	D	D	D	D	D	D	D		

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
1931			Holmfirth	3 mls	SW	Holmbridge	1 ml	SW

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

Station No. 3179

RAINFALL at Holmbridge (Yateholme Farm) (Ramsden)

41

County of West Riding Observer H. P. Joyce Esq. C.E.River Basin Ouse-Aire-Galder-8

Type of Gauge

Annual Average 56.4 in. based on 16 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 820633/28

Diameter	5"			078	701							
Height	1' 0"				1							
Altitude	861'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals	
January	4.81	6.41	7.60	12.50	6.23	8.98	5.92	14.79	3.47	4.20	74.91	
February	8.70	1.95	5.84	3.83	8.74	10.29	3.91	5.39	4.12	9.66	62.43	
March	6.98	3.59	2.71	1.05	2.09	2.49	9.84	2.63	2.24	3.58	37.20	
April	4.10	3.22	3.70	4.21	4.14	2.48	5.61	3.39	6.72	6.99	44.86	
May	4.35	4.24	4.08	6.27	4.46	2.69	3.78	2.07	3.06	3.17	38.17	
June	1.86	1.56	4.54	3.66	6.40	4.57	3.60	6.42	1.38	2.41	36.40	
July	2.31	6.33	3.41	3.51	2.28	5.90	2.82	2.43	3.33	3.41	35.73	
August	8.14	7.06	7.54	5.92	4.05	5.44	.38	5.79	3.90	6.39	54.16	
September	.66	4.02	6.12	8.04	3.68	8.80	2.86	2.79	1.93	8.76	47.66	
October	6.91	9.39	3.21	6.97	8.67	8.47	1.39	3.54	4.83	8.89	50.97	
November	4.66	2.05	5.75	11.39	1.03	10.65	9.31	3.00	8.83	8.76	65.43	
December	4.47	5.83	3.89	6.92	3.92	5.28	6.70	5.20	12.70	4.29	59.20	
TOTALS	57.95	55.65	58.39	74.27	55.69	70.59	56.12	57.44	56.51	64.21	606.82	

Note: Yateholme Farm is at Ramsden. There has been no change of site but the farm has been

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			Holmfirth	3m	SW	Holmbridge	1m	SW

BRITISH RAINFALL ORGANIZATION

Station No. 3179

RAINFALL at Holmbridge (Ramsden)

51

County of West Riding - Yorks

Observer

H. P. Joyce Esq. C.E.

River Basin Ouse - Aire Calder - S

Type of Gauge S. wooden

Annual Average 56.4 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 820633/28

Diameter ...	5"		078	701							
Height ...	1'0"			1			10"		1'8"		
Altitude ...	861'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	7.20	7.77	2.87	5.39	4.33	7.42	5.45	6.11	6.81	8.52	61.87
February ...	6.09	2.54	2.66	4.44	3.04	2.25	4.38	8.27	.41	3.92	38.33
March ...	8.16	3.19	4.16	3.69	3.51	2.46	4.39	3.80	2.28	2.77	38.41
April ...	4.06	4.05	4.74	1.25	2.44	3.31	.53	2.35	6.58	3.81	33.12
May ...	4.42	2.27	2.90	4.60	6.64	1.98	1.86	4.98	2.06	2.43	34.14
June ...	1.63	3.38	4.44	2.94	3.97	3.72	1.73	5.67	2.42	2.14	32.07
July ...	3.79	2.57	7.09	6.14	1.77	9.06	5.81	5.91	4.16	7.65	53.95
August ...	7.57	4.94	5.42	4.41	.88	12.25	6.93	4.10	.85	6.09	56.44
September ...	3.38	5.55	3.67	4.44	2.89	5.17	7.26	5.49	.28	3.79	45.25
October ...	1.35	7.56	2.76	10.18	3.86	4.30	7.11	5.09	5.69	8.91	56.81
November ...	12.58	3.59	5.54	9.64	2.39	3.09	3.74	1.53	6.09	8.35	56.44
December ...	12.15	6.04	2.73	10.86	7.88	6.72	7.29	5.96	11.53	7.51	78.67
TOTALS ...	72.38	53.45	48.98	44.54	43.60	61.73	56.48	59.26	49.16	65.89	585.50
	D	D	D	D	d	d	d	D	D	D	

1452 A good keep. road was built. 5.35

1956 an extra record, marked "Temporary" was received for this station & is retained with 3179. Values were marked as slightly larger.

1957 MAY 1958 38.2% + Heavy + Chalk. Usual g. overhanging trees 25', 30' SSE. Chalk g. well exposed
 by 1958 & WSW with overhanging. Recommended chalk g. to be kept, and
 trees kept topped. Snow not melted.
 + good gauge moved to chalk like 6 June 1958.

An. av. 61.09 in. - 8.2/3. Period 1916-50 - S - Rejected. (JH)

Position of Station on Ordnance One-Inch map: No. of Map 102 National Grid Reference SE 116051

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Holmfirth	3m. SW.	Holmfirth	1m. SW.

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
	C 1914	✓	✓	✓	
	1915-19	1920-20	✓	✓	