

## RAINFALL AT Halifax WW Ramsden Wood 70

23

Lat..... Lon..... County of York W.R.....

Rain Gauge, by..... Observer J. E. Lambert.....

Diameter.....					5						
Height .....					1 -						
Altitude.....					816						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				4.07	5.13	8.84	2.20	7.06	5.33	1.35	
February.....				1.03	1.87	1.17	6.39	3.93	3.08	4.17	
March.....				3.04	5.28	1.80	6.45	4.41	3.09	2.50	
April.....				4.6	2.98	1.75	3.42	4.72	3.33	2.62	
May .....				2.94	2.06	2.14	1.73	4.00	6.46	1.64	
June.....				1.83	1.22	4.65	3.91	3.69	3.53	6.85	
July .....				3.85	2.21	7.48	2.73	5.38	1.53	5.97	
August.....				5.13	6.02	3.33	5.05	6.05	7.37	5.25	
September.....				3.04	4.74	5.72	6.07	4.79	5.95	2.46	
October.....				5.54	4.99	6.33	4.60	6.67	5.83	2.33	
November.....				4.93	5.07	6.78	4.69	6.48	3.77	1.86	
December.....				1.89	2.91	3.26	8.78	5.63	1.51	3.11	
TOTALS.....				37.75	44.48	53.25	56.02	62.81	58.78	40.11	

RAINFALL AT ~~Halifax, Pauden Woods~~ 80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of ~~Yorks~~

Rain Gauge, by \_\_\_\_\_

Observer: A. Parkin, Eng. C.E.

One. One &amp; half diameter 8

Diameter .....	8	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	61	4.49	4.30	6.50	7.10	2.60	8.57	2.48	2.01	2.19	3.691	
February .....	3.81	6.04	3.23	2.59	3.49	3.92	1.88	1.02	1.25	2.40	2.863	
March .....	3.07	5.79	4.07	1.37	2.58	2.11	3.83	2.19	4.84	3.00	3.285	
April .....	2.29	1.61	5.08	3.00	2.29	2.23	3.33	1.24	3.28	3.13	2.748	
May .....	2.91	2.63	1.70	1.07	2.02	2.86	5.09	2.09	1.03	2.53	2.402	
June .....	4.05	2.18	5.09	3.87	1.48	3.96	2.00	2.26	2.63	.83	2.635	
July .....	5.98	4.86	4.45	4.39	4.19	1.38	5.44	2.15	5.67	3.71	4.222	
August .....	2.34	5.14	2.58	2.13	1.70	1.51	1.95	2.19	3.31	5.90	2.875	
September....	4.47	2.58	1.97	8.37	2.64	5.51	3.21	5.21	1.13	2.70	3.779	
October.....	4.94	3.60	5.00	5.64	3.62	8.11	5.50	2.55	1.48	5.69	4.613	
November....	4.62	6.29	7.34	4.60	2.21	3.02	3.28	2.89	9.06	1.51	4.482	
December....	6.32	4.00	5.16	3.22	6.33	1.98	6.04	2.94	2.63	2.79	4.141	
TOTALS ....	45.41	45.21	50.05	46.75	39.71	39.19	49.12	27.21	38.32	36.38	41.786	

## RAINFALL AT

*Halifax Ramsden Wood*

Lat.

Lon.

County of

York, W.R.

Rain Gauge, by

Observer

J. A. Paston Eng. C.E.

Dose Air &amp; Golder 8

Diameter .....	8	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
Height .....	1 2											
Altitude .....	816 T											
January .....	5.70	3.28	3.77	1.23	4.68	3.87	1.50	1.01	2.66	7.01	3.471	
February .....	.99	.46	2.52	4.36	6.49	.64	2.02	2.22	3.36	1.70	2.456	
March .....	3.46	2.48	1.62	1.00	4.05	3.21	5.34	4.03	1.37	2.63	2.919	
April .....	1.73	2.31	1.70	.96	3.04	2.38	1.81	2.67	3.49	3.20	2.827	
May .....	3.59	3.56	3.74	2.31	2.24	.76	.62	1.58	2.57	2.99	2.396	
June .....	3.61	2.11	3.82	2.56	3.15	2.80	3.53	3.53	2.93	1.89	2.993	
July .....	2.52	3.18	2.67	3.34	3.71	6.90	2.18	1.32	1.04	2.08	2.894	
August .....	6.27	6.76	3.51	2.58	3.95	4.08	1.69	3.78	4.88	1.81	3.931	
September .....	1.91	3.24	3.61	3.33	.52	1.89	6.71	3.75	.64	6.95	3.255	
October .....	2.43	5.09	7.94	3.97	6.00	4.49	5.51	2.09	3.91	3.49	4.492	
November .....	5.60	3.75	2.57	3.15	2.85	4.80	1.23	4.10	2.38	2.10	3.253	
December .....	1.04	8.98	2.07	4.27	3.49	4.87	3.94	5.55	4.77	2.32	4.180	
TOTALS ..	38.85	45.20	39.34	33.06	44.17	40.64	36.08	35.63	34.00	38.20	38.517	

1880 -

RAINFALL AT Halifax Ramada Stand  
 Lat. .... Lon. .... County of York W.R. Central  
 Rain Gauge, by J. A. Packin Eng. Ch.  
 Observer R. J. Hartley Eng. Ch.

Aire & bolder 8

Diameter ..	8										
Height ....	1.2										
Altitude ..	816 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.71	2.31	2.62	3.67	3.91	1.75	5.36	1.80	2.35	2.02	3.050
February ..	(4.89)	1.70	.91	4.09	5.30	2.06	3.02	2.66	2.48	1.71	2.882
March ....	.63	2.70	1.72	5.33	2.21	3.10	3.19	3.65	3.38	2.86	2.877
April .....	2.01	2.20	2.08	2.26	2.53	2.61	1.68	2.59	2.40	3.67	2.403
May .....	1.50	1.38	3.44	3.54	3.29	.66	3.13	3.41	2.09	2.87	2.531
June .....	3.31	1.26	1.52	1.17	.98	2.00	1.43	5.12	1.56	2.85	2.070
July .....	2.66	2.01	2.79	4.22	2.17	2.49	2.55	2.73	4.05	4.82	3.049
August .....	5.45	2.38	3.27	4.00	5.08	5.23	4.30	2.72	3.02	2.97	3.842
September ..	1.16	1.37	1.83	5.46	.84	2.55	.98	.63	2.71	3.13	2.066
October .....	4.89	2.73	4.01	10.88	1.17	2.97	6.55	5.51	2.24	4.66	4.561
November ..	3.61	4.90	2.34	2.73	2.81	3.94	4.77	2.28	2.14	1.28	3.080
December ..	4.81	5.10	3.99	2.29	2.39	.71	3.75	3.35	2.30	4.75	3.344
TOTALS ..	39.63	30.04	30.52	49.64	32.68	30.07	40.71	36.45	30.72	37.09	35.755

1900 February Snow estimated

HWS

## RAINFALL at Halifax Ramsden Wood

County of W. Yorkshire

Observer R. J. Hartley Esq C.E.

River Basin Ouse-Aire-Calder 8

Rain Gauge, by

Diameter ...	8										1916-19 MEANS Totals
Height .....	1.2										
Altitude ...	816 T										815
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	4.30	1.65	3.68	3.09	3.25	5.20	3.46	2.24	2.85	4.51	13.06
February ...	3.91	4.20	2.16	1.78	2.80	3.27	4.95	.68	5.48	1.89	12.38
March .....	.79	1.57	4.12	4.52	4.80	1.24	2.41	2.58	1.52	3.56	10.07
April .....	3.29	1.56	1.23	4.22	1.41	1.60	2.41	1.42	.95	1.56	6.34
May .....	2.19	1.75	3.03	3.21	1.73	1.96	2.46	1.96	2.79	1.67	8.88
June .....	3.20	3.81	7.54	1.96	2.02	1.12	2.59	2.35	1.51	1.82	7.67
July .....	3.50	.55	5.94	1.47	3.77	14.76	2.02	1.57	3.66	2.59	9.84
August .....	4.53	2.23	6.62	1.47	2.30	5.41	2.50	6.20	2.25	2.80	13.75
September ..	.18	3.12	1.96	1.76	2.88	.51	2.26	1.65	9.52	1.86	14.79
October ...	3.50	3.90	4.48	1.70	2.09	1.38	7.09	6.06	2.49	2.56	18.20
November ...	4.21	4.64	3.46	4.09	5.34	1.40	2.54	3.52	1.95	2.95	10.96
December ...	4.41	5.28	4.81	3.09	6.76	6.53	2.90	1.72	3.74	5.66	16.02
TOTALS ...	3801	33.76	49.03	32.31	39.15	34.38	37.59	31.95	40.71	31.91	141.96

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

## RAINFALL at Halifax N.W. Ramsden Wood

County of N.W. Yorkshire Observer P. J. Hartley Esq. C.E.  
 River Basin Ouse, Aire, Calder & E. P. Brooke (22)

Snowdon Rain Gauge, by glass (N+2) correct Camden.  
 4.98 4.97 4.98 mm Engt. Halifax

Diameter ...	8					5					
Height .....	1.2					1.0					
Altitude ...	816					815					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.
January ...	3.77	6.65	2.36	2.66	3.16	5.31	4.90	3.90	10.72	2.00	6.31
February ...	3.00	2.7	3.26	5.98	1.86	7.48	3.77	1.61	5.72	67	1.08
March .....	2.80	2.82	2.61	2.13	1.57	1.69	2.45	3.63	2.56	.59	3.09
April.....	4.50	1.22	3.03	2.94	2.39	3.09	2.05	3.89	1.15	1.30	3.91
May .....	4.61	1.72	1.02	3.93	4.82	5.11	4.40	1.66	1.90	2.37	2.15
June .....	2.74	1.14	1.83	2.74	2.45	.09	3.12	3.17	6.64	1.12	1.98
July .....	6.96	1.67	4.35	3.87	3.79	1.30	2.93	2.75	1.04	2.33	6.35
August .....	1.87	4.69	4.81	5.32	4.28	3.67	3.64	7.07	4.56	3.25	6.17
September...	2.02	1.46	3.48	4.25	5.17	3.23	3.24	5.70	.40	1.15	5.99
October.....	2.15	2.86	.70	5.39	4.60	5.12	4.52	4.71	5.60	4.78	5.79
November...	2.19	2.14	1.93	6.82	2.88	2.62	6.24	4.17	6.28	7.26	5.71
December...	3.70	5.12	3.54	4.01	5.04	4.87	2.04	2.20	2.35	8.89	3.75
TOTALS...	40.01	30.81	32.92	48.04	42.01	43.58	43.30	44.46	48.92	35.71	51.68

Inspired 3.10.22. S. on beginning of Reservoir bank about 5 ft wide, somewhat gradual slope of 8ft to W to wall + 12 ft to E. Clearly over exposed. Suggested moving to below bank to NE to fairly flat land (angle of bank 15° only) with sufficient shelter to SW + slight drift to E.

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	Parish Church.	Distance from gauge	
1925	53°44'15"	105°40'W	Halifax	3 m SSE	Halifax	3 m SSE	

## RAINFALL at Halifax W.W. (Ramsden Wood)

County of West Riding.

Observer E.P. Brook, Esq., C.E.

River Basin Ouse-Aire-Calder-8.

T. Abel Wood C.E. (1939)

Type of Gauge.....

Annual Average 3.87 in. based on 35 years obs. un-weighted. Period of average 1931-1940 Ref. S

660559/26

Diameter	5.											1931-40 Means Totals
Height	1.0.											
Altitude	815.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	4.58	4.59	3.25	3.30	2.14	4.50	4.86	6.37	6.32	2.75	42.66	
February	5.60	4.45	5.03	2.0	5.36	2.80	6.60	1.83	4.21	1.98	34.06	
March	3.30	2.32	2.38	3.29	1.58	2.67	3.04	1.45	3.43	2.67	23.16	
April	4.12	3.66	1.93	2.78	3.92	1.66	3.37	.62	1.92	3.79	27.77	
May	3.26	4.28	2.31	2.20	1.96	1.26	2.84	4.37	1.65	.89	24.02	
June	6.04	.55	2.03	2.26	3.95	4.51	3.28	5.04	3.12	.75	31.53	
July	3.42	3.65	2.05	3.25	1.59	3.77	2.49	5.47	6.45	2.65	34.99	
August	5.35	1.42	1.49	3.43	1.63	2.16	1.49	5.40	3.14	1.41	26.92	
September	4.26	3.72	1.97	2.07	6.32	5.34	2.03	1.89	1.50	3.69	32.79	
October	2.22	6.92	4.98	3.99	8.98	4.76	2.90	10.30	2.49	5.00	53.04	
November	7.16	2.91	2.22	2.16	6.13	6.05	2.33	7.54	7.15	7.47	51.12	
December	2.20	2.05	0.47	4.96	3.35	5.89	3.49	4.73	2.88	3.56	33.58	
TOTALS	48.54	36.52	30.11	33.89	45.91	45.37	38.72	55.01	44.96	36.61	415.64	
	D	D	D	D	D	D	D	D	D	D	D	

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	Parish Church.	Distance from gauge
			Halifax	2 1/4 m	E.S.E.	Halifax	2 3/4 m

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

Station No. 3250 T.F.

## RAINFALL at Halifax W.W. (Ramsden Woods)

41

County of West Riding

Observer

J. Noel Woody C.E.

River Basin Ouse - Aire Calder - 8

H. F. Read Eng. C.E. 1944

Type of Gauge.

A.C. WILDSMITH Eng. (1.VI.50)

Annual Average 38.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 660559/26

Diameter	5"	077	980								
Height	1' 0"		1								
Altitude	815'		41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.06	5.19	6.05	6.66	4.52	4.66	3.85	4.76	2.50	3.14	49.39
February	4.51	2.05	3.11	1.97	4.82	6.67	3.87	3.67	3.57	6.47	40.61
March	4.91	2.87	1.16	6.61	9.95	1.79	6.64	1.83	1.97	2.31	25.04
April	3.06	1.31	2.48	4.22	2.99	1.58	4.57	2.83	4.26	3.98	31.88
May	2.58	3.81	3.50	3.15	3.63	1.59	4.18	1.10	3.59	2.14	29.27
June	4.46	1.47	3.47	3.28	4.01	3.24	2.77	5.15	7.78	1.83	25.96
July	1.41	3.21	2.76	4.49	2.07	3.87	2.35	1.54	3.15	3.71	28.56
August	5.71	4.27	4.67	3.23	4.90	6.62	3.38	4.17	3.13	5.48	42.66
September	5.51	2.59	4.13	6.61	2.60	6.26	2.30	2.02	1.11	6.90	35.03
October	4.77	4.96	2.73	4.11	6.21	1.21	.90	2.30	4.83	2.80	34.82
November	3.31	1.33	3.39	7.26	4.5	8.27	5.68	2.06	6.19	5.63	43.47
December	2.87	3.03	2.19	5.83	2.41	3.35	3.91	4.08	7.86	2.91	37.94
TOTALS	36.66	36.69	39.64	51.52	39.56	49.11	41.40	40.61	42.94	46.70	424.63

377.93

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	Direction from gauge	Parish Church.	Distance from gauge

Station No. 3250

T.F. 44

## RAINFALL at Halifax M.W. (Kamden Wood)

51

County of West Riding - Yorks.

Observer

Dr. G. Wildsmith Esq., C.E.

River Basin. Ouse - Aire - Calder &amp;

R. &amp; L. 6807 Esq. Esq. (W.M.S.).

Type of Gauge. MK 1A (Cominspection)

Annual Average 38.3 in. based on 35 years obs. unweighted. Period of average 1881-1915 Ref. S  
" " 43.10 " 20 " " within 1937-57 " " 1916-58  
File No. 660559/26

Diameter	5"	077	980								Means
Height	1'0"			1							Total
Altitude	815'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	4.03	5.46	1.11	4.24	2.65	6.04	3.28	4.13	3.26	6.36	40.56
February	3.64	1.42	2.44	4.63	3.40	1.42	3.29	7.40	.45	3.36	31.45
March	4.88	2.31	2.53	2.86	2.44	1.63	3.12	2.36	1.66	1.95	25.74
April	2.67	3.15	3.31	1.42	1.33	3.16	.35	1.16	3.74	2.46	21.93
May	4.01	2.19	2.64	3.74	3.66	1.37	1.33	4.78	1.74	1.92	27.38
June	1.89	2.91	3.68	2.11	2.46	3.37	2.18	5.33	2.35	1.21	27.49
July	3.28	2.02	4.35	4.25	.72	6.99	4.19	4.34	2.58	5.51	38.23
August	5.03	4.74	5.15	8.48	.93	9.07	5.98	3.45	.89	5.34	49.06
September	2.31	4.14	3.05	4.64	2.13	4.69	5.46	4.32	.38	2.95	34.07
October	1.57	5.25	2.20	7.32	2.46	2.35	4.64	3.61	4.37	6.13	39.90
November	9.79	2.98	4.57	6.61	2.46	1.52	2.62	1.17	4.78	7.88	44.38
December	8.15	4.01	1.62	6.59	6.26	5.44	5.16	4.91	7.32	4.59	53.75
TOTALS	51.25	40.58	36.65	55.89	30.90	46.95	41.60	46.96	33.52	49.66	433.94
	D	D	D	D	D	D	D	D	D	D	

Inspected 17.3.55 Mr. Deeks. Gauge sound, measurement certified. Site satisfactory  
 24.9.58 Letter from Eng. G. sound but badly sited at bottom of rev. bank - no turf wall  
 - bushes 6' away.

Position of Station on Ordnance One-Inch map : No. of Map 46 National Grid Reference SF 441059278

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

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
	/	/	/	/	/