

Rainfall at Midgley Mm, Halifax

E-g-140 **50**

Mp. Sub. No. 2

Gauge 1 foot + Ground

1400 ft + Sea Level

YEAR - -							1856	1857	1858	1859	MEANS.
January - -								3.3	2.4	4.3	
February - -								2.6	3.7	3.2	
March - - -								2.6	3.9	8.8	
April - - -								5.0	3.7	5.7	
May - - - -								2.2	3.7	.5	
June - - - -								3.2	4.6	2.5	
July - - - -								3.5	3.2	5.0	
August - - -								7.1	3.4	5.5	
September -								5.0	6.4	6.3	
October - - -								3.2	6.3	2.5	
November -								2.4	1.6	3.6	
December -							3.5	4.3	4.9	7.4	
TOTALS -								44.4	47.8	55.3	

10 - 10 10

Widley Moor
n. Halifax

G. W. Stevenson Esq. C.E.

Snath float - throughout 2.3 ft deep

97 in diam: + Ground 12 in

+ Sea level 1350 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	4.70	1.90	3.50	7.10	2.90	2.10	6.90	6.30	4.80	4.30	4.450
February - -	3.00	5.40	1.00	3.80	3.10	4.90	6.90	5.10	4.50 4.90	7.20	4.390
March - - -	4.50	7.40	5.50	1.30	4.10	2.10	2.20	3.20	4.50 4.60	2.80	3.770
April - - -	4.00	1.30	3.60	3.10	1.40	2.00	1.70	8.00	3.20	1.90	3.020
May - - - -	5.20	0.00	5.20	2.60	2.30	3.10	1.30	3.50	1.70	5.80	3.070
June - - - -	7.20	2.30	4.80	4.70	2.70	1.20	5.80	2.70	.20	1.20	3.280
July - - - -	2.30	6.60	4.00	1.60	1.60	1.70	4.80	5.50	.40	.40	2.890 -
August - - -	6.70	4.70	3.40	5.00	1.40	6.40	6.80	1.90	4.80	2.00	4.270
September -	2.60	5.90	4.10	7.00	7.50	.70	8.90	3.90	5.50	7.60	5.370
October - -	6.00	1.20	8.60	9.10	4.10	6.10	3.80	4.60	5.70	3.50	5.470 +
November -	4.90	9.20	2.60	3.70	5.00	4.10	7.80	1.00	3.50	5.60	4.740
December -	2.00	2.80	5.10	6.40	3.40	3.60	6.60	4.00	10.70	8.20	5.280
TOTALS -	53.10	48.70	51.00	55.40	39.50	40.00	63.50	49.70	40.60 49.00	50.50	50.000

1868 Corrections sent by J. E. Lambert Esq. Feb 19th 1875

1860 Snath for 17th Dec 6.00

RAINFALL AT Halifax Midgetery Moor 29

Lat..... Lon..... County of Yorkshire, W.R.
Rain Gauge, by..... Observer J. H. Coleman, Esq. F.R.S.

Diameter					7							
Height					6							
Altitude ...../350.												
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	4.40	1.70	6.20	5.00	3.40	6.00	2.20	7.90	5.80	4.87	4.547	
February.....	3.00	4.40	5.20	1.30	1.60	1.50	5.80	5.20	3.70	5.24	3.457	
March.....	3.10	1.40	4.00	3.00	4.80	2.00	5.00	3.40	3.20	2.75	3.265	
April.....	2.50	4.70	4.40	.80	1.70	1.60	3.10	3.40	2.20	2.83	2.723	
May.....	2.40	2.30	2.90	3.10	1.80	2.30	1.20	2.90	4.90	1.95	2.575	
June.....	2.00	3.70	6.80	1.60	1.60	4.50	3.30	1.60	3.10	6.28	3.448	
July.....	7.40	5.70	4.70	4.00	2.20	6.60	3.60	4.70	1.20	8.08	4.218	
August.....	1.90	1.90	6.70	4.60	5.60	3.40	3.90	4.50	6.80	5.89	4.519	
September.....	3.20	5.50	7.60	3.00	4.40	5.00	5.50	4.20	5.95	3.02	4.737	
October.....	11.40	4.00	6.00	7.00	6.20	6.70	3.20	5.70	5.49	3.52	5.921	
November.....	3.50	1.30	6.70	3.90	4.80	6.70	5.40	6.00	3.80	2.00	4.410	
December.....	3.50	3.00	4.60	2.30	4.40	3.00	9.00	5.00	3.58	4.13	4.257	
TOTALS.....	42.30	39.60	65.80	39.60	42.50	49.30	51.20	54.50	49.72	46.19	48.071	

1878 New gauge on Sep 1st 1st same principle as old one, old gauge destroyed

RAINFALL AT Halifax, Middlebury, Mont.

80

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer _____

Base. Aise & balder 8

Diameter	7										
Height	6										
Altitude	1350 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.66	.69	5.50	7.48	8.68	2.67	(8.04)	2.27	2.47	3.17	4.158
February	4.47	6.40	4.55	3.43	3.99	4.75	(1.00)	1.16	1.43	2.53	3.381
March	3.75	7.45	5.72	.92	2.77	2.45	(3.90)	2.47	4.02	3.53	3.698
April	2.14	2.17	5.04	2.76	2.30	2.75	3.52	1.47	3.91	3.23	3.029
May	3.06	3.47	2.26	1.51	2.38	3.70	4.63	2.58	1.12	2.55	2.726
June	4.95	2.62	5.00	3.81	1.24	3.84	2.24	.30	2.56	1.02	2.858
July	5.99	6.14	5.01	4.80	5.43	2.04	6.29	2.54	6.31	3.67	4.922
August	2.61	5.57	3.40	3.66	1.73	1.89	2.01	2.17	4.08	6.50	3.362
September....	5.40	3.72	2.39	8.98	3.34	6.92	3.74	5.29	1.92	3.55	4.525
October	6.74	4.78	5.53	6.87	3.71	7.55	6.88	3.19	2.39	6.08	5.372
November....	7.37	7.64	9.95	6.05	2.20	4.25	4.02	3.55	10.86	1.77	5.766
December	8.11	5.64	5.20	4.00	6.45	1.99	6.49	3.18	3.18	3.72	4.796
TOTALS	55.25	56.29	52.55	54.27	44.17	44.80	52.76	30.17	44.25	41.32	48.593

RAINFALL AT

Halifax Midgley Mon

Lat. _____

Lon. _____

County of _____

York W.R.

Rain Gauge, by _____

Observer _____

J. A. Packin Esq. C.E.

Rise Ainsbalds 8

Diameter	7										
Height	0 6										
Altitude	1350 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.28	2.70	4.88	1.36	5.49	3.41	2.20	2.33	4.37	9.20	4.222
February ....	.87	.90	3.49	4.80	7.73	.92	2.48	3.04	4.99	2.17	3.139
March	4.43	2.86	.91	1.54	4.16	4.28	6.08	5.30	1.98	2.94	3.448
April	1.71	2.25	1.58	1.14	2.41	3.14	2.11	3.53	3.98	3.98	2.588
May	4.09	4.62	4.64	2.38	2.60	.97	.68	1.70	3.73	3.15	2.856
June	4.03	2.08	4.31	3.33	3.74	2.57	3.46	4.64	3.80	2.30	3.426
July	3.52	4.14	4.04	4.02	4.31	7.46	2.90	2.19	1.52	2.11	3.624
August	7.30	8.41	5.03	4.08	5.54	5.35	2.77	4.86	6.08	2.03	5.115
September....	2.91	4.39	4.45	5.23	.62	2.20	9.76	5.59	1.03	8.76	4.494
October	3.85	5.38	8.85	5.12	6.43	4.93	6.36	2.34	6.43	3.97	5.366
November....	7.64	4.47	2.70	4.58	3.67	5.83	2.34	5.52	3.94	2.59	4.828
December ....	.92	9.48	2.57	4.80	4.90	5.02	5.45	7.66	5.84	3.25	4.989
TOTALS . . .	47.55	51.68	47.45	42.38	51.60	46.08	46.62	48.70	47.69	46.45	47.620

1860 -

RAINFALL AT Halifax Midgley Moor

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

Rain Gauge, by Observer J. A. Packin Esq. C.E.
R. J. Hanley Esq. C.E.

Aire + leaden S

Diameter ..	7										
Height	0 6										
Altitude ..	1350 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.45	3.69	3.52	4.40	5.37	2.62	6.22	2.04	3.69	2.81	3.982
February ..	4.55	2.11	1.50	6.20	5.01	2.96	3.38	2.48	3.27	2.61	3.407
March	1.16	3.73	3.34	6.92	2.67	3.65	2.94	4.08	4.21	3.47	3.617
April	2.92	3.45	2.46	2.69	3.62	3.52	1.77	3.03	2.82	3.95	3.023
May	2.20	1.47	3.85	4.08	3.36	.90	3.19	3.43	2.56	3.02	2.806
June	4.56	1.72	1.72	1.62	1.61	2.27	1.85	6.27	2.31	2.75	2.668
July	2.84	2.02	4.16	5.69	2.45	2.65	2.68	2.82	4.65	5.64	3.560
August	6.67	2.84	4.03	5.33	5.36	5.64	4.66	3.71	3.44	3.26	4.494
September ..	1.66	1.60	2.32	5.61	1.60	3.01	1.20	.93	3.45	3.91	2.529
October	5.65	3.86	5.03	12.22	2.37	4.28	6.84	5.95	2.65	5.06	5.391
November ..	4.46	6.51	2.94	3.82	4.68	5.36	4.95	3.01	3.38	1.67	4.078
December ..	5.90	6.24	4.46	2.44	3.72	1.37	3.68	4.84	3.07	5.76	4.148
TOTALS ..	48.02	39.24	39.34	61.02	41.82	38.23	43.36	42.59	39.50	43.91	23.703

H.W.

RAINFALL at Halifax Midgley MoorCounty of W. R. YorkshireObserver R. J. Hartley Esq. C.E.River Basin Ouse. Aire. Calder 8

Rain Gauge, by _____

Diameter ...	7	8									
Height	0 6	0 9									
Altitude ...	1350	T									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS. Totals
January ...	4.83	2.23	5.58	4.57	3.84	6.55	3.35	2.77	3.67	4.63	14.42
February ...	5.40	5.10	2.32	2.45	3.08	4.48	5.53	1.07	4.98	1.58	13.16
March .....	.97	2.57	4.49	6.00	5.31	1.38	4.49	2.70	1.65	3.35	12.19
April	5.00	2.20	1.30	4.79	1.37	1.58	3.14	1.35	1.34	1.86	7.69
May	2.91	1.48	3.30	3.73	1.76	2.56	3.16	2.53	3.66	1.70	11.05
June	3.36	3.81	8.06	2.43	3.39	.57	2.81	2.10	1.83	1.42	8.16
July	4.57	.85	7.56	1.44	3.90	5.26	2.50	2.14	2.75	2.92	10.31
August	5.58	2.27	7.01	1.62	2.93	6.32	3.16	6.36	2.99	3.54	16.05
September ..	.33	3.53	2.58	2.23	3.22	.58	2.45	1.72	11.61	1.86	17.64
October ...	3.72	4.18	5.13	2.97	3.20	1.72	8.12	7.04	3.12	3.68	21.96
November ..	4.92	4.55	2.89	5.44	6.91	2.07	4.35	3.89	2.20	4.37	14.81
December...	6.27	6.20	6.01	3.45	8.45	7.93	3.62	2.00	7.78	7.01	20.41
TOTALS ...	47.86	38.97	57.23	41.12	47.36	41.00	46.68	35.67	47.58	57.92	167.85

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

RAINFALL at Halifax NW., at Bridgley Moor (New S.)

County of Yorkshire W.R.Observer Engineer, Halifax NW.River Basin Cusack and Calder(1929) E.P. Brook Esq.Snowdon Rain Gauge, by _____

Diameter ...						8						
Height						1.0						
Altitude ...					1350							
Year	1920	1921	1922	1923 20-27	1924	1925	1926	1927	1928	1929	1930 March	1920-30 Totals
January ...				20.22	2.93	4.37	4.76	3.89	11.86	1.57	7.05	56.65
February ...				13.72	1.29	5.37	4.40	1.66	6.22	.85	1.35	34.86
March				12.07	1.64	1.78	2.64	4.27	2.56	.93	1.97	27.86
April				15.04	2.67	3.21	2.11	4.15	1.29	1.72	3.20	33.39
May				12.56	5.27	5.11	4.47	1.32	1.82	2.74	2.24	35.53
June				6.87	3.24	.05	3.12	4.35	7.02	1.69	1.70	28.04
July				19.10	4.69	1.36	3.20	3.00	1.64	2.81	9.07	44.87
August				20.51	5.33	3.86	3.68	8.34	5.50	3.90	6.75	57.87
September...				14.73	5.08	4.10	3.74	6.10	.60	1.33	5.49	41.17
October				12.88	5.08	5.88	4.22	4.83	5.70	5.30	6.60	50.69
November...				12.57	3.68	2.14	7.13	4.56	7.66	7.83	6.50	52.07
December...				20.39	5.99	4.23	2.24	1.41	2.43	8.99	3.79	49.47
TOTALS...				180.66	46.89 W	41.46 W	45.71 W	47.88 W	54.50 W	39.66 W	55.71 W	512.47

*Annual average rejected from survey*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	Parish Church.	Distance from gauge	Direction
1925			Luddendenfoot	5 1/2 m	S.	Sowerby Bridge	6 1/2 m	S by E.

RAINFALL at Holystone N.W. Midgley MoorCounty of N. Yorks.Observer R. J. Hartley Esq. C.E.River Basin Cuse. Aired. Calder &E. P. Brooke (22)Blancher

Rain Gauge, by

W.S. Benglass correct (flat) { 8.00
N.Z. 7.18
8.02

Cakes →

Diameter ...	8										
Height	0 9										
Altitude ...	1350										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.03	5.04	4.20	3.95	2.87						
February ...	3.18	3.3	4.29	5.92	1.25						
March	3.28	2.71	3.82	2.26	1.77						
April	6.24	1.71	4.23	2.86	2.61						
May	5.10	2.47	.89	4.10	5.29						
June	3.18	1.8	2.35	1.16	2.85						
July	7.80	1.96	5.05	4.29	4.41						
August	1.89	5.63	6.99	6.00	4.89						
September...	2.28	1.75	5.13	5.57	4.92						
October	3.10	2.79	1.21	5.78	4.75						
November...	2.26	2.75	2.34	5.23	3.21						
December...	4.44	6.50	4.58	4.87	4.65	See new gauge					
TOTALS...	46.77	36.82	45.08	51.99	43.47						

Inspected 2.3.22. S. in good position on open moor with shade on S & W and
slight fall on E & N.

1924 M.P. S. defective

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

RAINFALL at Halifax W.W. (Midgley Mr.) Newsg.County of West RidingObserver E. P. Brook, Esq., C.E.River Basin Ouse-Aire-Calder-8T. Noel Wood C.E. (1939)

Type of Gauge.....

Annual Average 23.7 in. based on 56 years obs. un-weighted. Period of average 1884-1939 Ref 15
W.S. 9 yrs overlap with Halifax library. 660559/26

Diameter	8											
Height	1.0.											
Altitude	1350.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	5.31	5.91	3.10	4.17	2.24	4.44	4.89	6.81	6.83	2.34	46.04	
February	5.71	4.0	5.81	5.53	7.87	2.15	5.78	2.12	4.26	1.97	36.60	
March	7.0	2.33	2.43	2.99	2.08	2.79	2.44	2.27	3.52	3.83	25.38	
April	4.26	3.67	1.97	2.86	4.11	1.90	3.20	7.9	2.37	3.77	28.90	
May	3.29	5.59	2.70	3.06	9.5	1.62	2.49	4.66	1.63	1.61	27.60	
June	6.67	8.1	3.02	2.48	4.25	4.21	3.03	4.97	3.60	9.0	33.94	
July	4.72	3.70	2.74	4.49	2.40	4.67	2.82	5.71	7.78	4.51	43.54	
August	5.11	1.65	2.29	4.45	1.42	3.47	2.11	6.35	3.61	2.40	32.84	
September	4.26	5.14	2.06	3.48	7.63	5.56	1.81	2.28	1.94	4.90	39.06	
October	2.88	8.00	5.88	6.67	12.28	5.40	2.30	10.95	3.30	4.65	62.31	
November	8.25	4.00	2.78	2.60	7.62	5.49	1.68	7.69	8.03	7.20	55.34	
December	1.91	2.20	0.55	6.60	3.73	5.38	2.79	4.95	3.23	4.39	35.73	
TOTALS	53.07	43.40	35.31	44.38	56.58	47.08	35.34	59.55	50.10	42.47	467.28	
	W	W	W	W	W	W	W	W	W	W		

Annual average rejected from survey. Date 28/1/40.

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
			Luddenden Foot	3 1/2 m	S.S.E.	Luddenden	3 m.	S.E.

Station No. 3253 T.F.

RAINFALL at Halifax W.W. (Midgley Moor)

41

County of West Riding

Observer J. Noel Wood Esq. C.E.

River Basin Ouse - Aire - Calder - 8

H. F. Lea Esq. C.E. (1948)

Type of Gauge

A.C. WILKINSON Esq. (1. VI. 50)

Annual Average 44.3 in. based on 9 years obs. with Halifax Library. Period of average

Ref.

File No. 660559/26

Diameter	8"										
Height	1' 0"										
Altitude	1350'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	3.50	(5.61)	5.13	6.78	4.70	4.32	4.16	10.51	2.37	2.78	50.86
February	5.47	(2.14)	2.94	2.16	5.11	5.53	4.50	4.39	2.78	7.31	42.53
March	3.71	3.31	1.44	.67	1.51	1.72	3.09	1.64	1.64	2.97	26.70
April	2.04	2.09	2.83	3.67	3.17	1.88	4.43	3.12	1.34	4.82	32.39
May	2.33	3.88	3.21	3.24	3.97	1.87	4.80	1.35	3.34	2.86	30.55
June	.46	1.43	4.33	3.43	4.65	3.51	3.07	4.93	.82	2.13	28.82
July	1.63	3.86	3.12	4.88	2.46	4.23	2.75	1.58	3.38	4.60	32.49
August	6.86	4.23	5.30	3.81	4.56	7.07	.41	5.08	3.65	6.39	47.36
September	.76	2.52	4.82	6.75	3.06	7.17	3.29	2.72	1.43	8.10	40.62
October	5.37	5.70	3.16	4.63	6.41	1.42	1.61	2.34	4.85	2.89	38.14
November	3.39	1.53	3.33	7.21	.83	8.33	6.91	1.98	7.44	6.46	47.38
December	2.89	3.93	2.46	4.14	2.65	3.31	4.72	4.02	7.55	3.32	38.99
TOTALS	38.41	(40.23)	42.07	51.43	43.08	50.36	48.74	43.66	43.76	55.03	456.83

1942 Feb. part obs.

60004

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.

BRITISH RAINFALL ORGANIZATION

Station No. 3253 ^{RF} 44RAINFALL at Halifax N.W. (Midgley Moor) 51County of West Riding - Yorks.Observer E. G. Wildsmith Esq., C.E.River Basin Purse - Aire - Calder

A. L. Green, Esq. B.E. (1911-13)

Type of Gauge 11 (K.I. (on a suspension))Annual Average 44.3 in. based on 9 years obs. un-weighted. Period of average 1916-1926Ref. S" " 47.01 " " 29 " " within 1924-57 " " 1916-1926File No. 36859/26

Diameter ...	8"			077	613							5" on 10"
Height ...	1' 0"				1							
Altitude ...	1350'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	5.66	5.47	1.79	4.66	2.96	6.85	4.46	4.68	4.56	5.70	46.79	
February ...	4.23	1.96	3.74	4.57	4.05	2.56	4.06	3.74	.82	4.87	39.60	
March ...	5.98	2.80	2.26	3.32	3.63	2.35	3.57	3.35	2.09	2.58	31.93	
April ...	3.18	2.93	3.65	.58	1.86	3.95	.45	1.58	4.37	3.13	24.68	
May ...	4.54	2.34	2.62	4.12	3.80	1.80	1.46	5.74	2.31	2.44	31.17	
June ...	1.47	3.48	3.76	2.44	3.15	4.33	2.51	6.66	3.70	1.51	33.06	
July ...	3.58	2.53	5.43	4.81	.78	7.18	5.02	4.73	3.09	5.80	42.95	
August ...	4.73	5.29	5.89	10.08	1.13	10.41	6.55	4.75	1.66	5.84	56.33	
September ...	3.13	5.66	4.47	5.90	2.61	5.34	6.57	5.77	.58	3.10	43.13	
October ...	1.81	5.90	2.93	8.89	3.00	2.85	5.41	4.32	5.74	7.43	48.28	
November ...	11.17	3.33	5.55	7.86	3.00	2.01	3.14	1.64	5.91	8.09	57.70	
December ...	8.73	4.45	2.29	9.34	6.53	6.21	5.44	5.27	9.16	5.27	62.69	
TOTALS ...	57.21	46.14	44.38	66.62	36.50	55.84	48.64	57.23	43.99	55.76	512.31	
	W	W	W	W	W	W	W	W	W	W		

Inspected 15.8.55 M.V. Deeks. Gauge sound, but tilted; re-levelled & re-certified. Measure certified. Site o/e NE but not available. Recommended repairs to turf wall carried out - letter 12.12.55

Stump wall

Position of Station on Ordnance One-Inch map: No. of Map 96 National Grid Reference SE 416 306

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓	1920-29 No 24-30	✓	✓	
	-	-	-	-	