

RAINFALL AT

Middleborough Albert Park

80

Lat.

Lon.

County of

York N.H.

Rain Gauge, by

Observer

J. Mansergh Esq. C.E.

J. Hallam Esq.

Tree 6

Diameter	8										
Height	2.0										
Altitude	30										
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.31	.82	.74	1.32	2.95	1.83	3.02	1.33	.58	1.36	1.426
February	1.22	2.71	.48	1.45	1.15	.87	.56	.50	1.19	.82	1.095
March .....	.78	1.36	1.23	1.43	1.81	1.57	1.75	1.44	3.05	1.53	1.595
April	2.76	.86	3.74	.83	1.61	1.51	2.06	.76	1.58	1.87	1.758
May	2.14	1.11	2.11	1.46	.33	2.95	3.16	1.85	.70	1.70	1.751
June	2.06	1.00	2.49	1.53	.55	1.89	.54	.15	1.79	.31	1.231
July	4.33	3.90	2.48	5.83	2.33	.58	4.64	.95	5.07	2.37	3.248
August	1.80	4.21	2.42	1.71	2.05	2.46	1.73	1.72	2.09	3.98	2.417
September....	5.10	2.79	2.02	2.80	.98	2.18	1.50	2.76	1.32	1.13	2.258
October	5.77	2.81	3.35	1.96	1.03	3.59	1.65	2.84	.60	5.30	2.890
November....	2.05	1.93	3.45	1.09	1.00	.97	2.48	2.46	2.28	1.10	1.881
December	3.87	2.11	2.71	1.67	1.37	.89	2.66	2.64	.85	1.59	2.036
TOTALS	32.19	25.61	27.22	23.08	17.16	21.29	25.75	19.40	21.10	23.06	23.586

1889 St Barnabas Church 1/4 mile S

Tree 30 ft high 150 ft N

RAINFALL AT Middlesborough Albert Park

Lat. _____

Lon. _____

County of _____

York N.R.

Rain Gauge, by _____

Observer _____

J. Hallam Esq
McLennan Esq

Feet . 6

Diameter	8											
Height	2 0											
Altitude	30											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.68	1.25	1.45	2.00	1.47	3.20	.94	2.10	.94	2.42	1.715	✓
February	1.20	.11	1.76	1.83	2.10	.99	.37	1.83	1.04	.96	1.219	
March	1.27	1.81	1.50	.30	.75	1.60	2.17	2.44	1.87	1.71	1.512	
April .....	.66	1.25	1.76	.32	1.03	1.68	.75	1.84	1.77	1.75	1.281	
May	2.74	2.45	2.69	1.91	2.02	.54	1.06	1.42	1.98	3.72	2.053	
June	2.06	.20	3.71	1.24	3.26	3.65	2.93	2.34	2.14	1.53	2.306	
July	1.22	5.25	1.56	1.97	2.70	6.83	1.18	.94	.88	1.47	2.400	
August	6.30	3.41	3.52	2.02	3.10	3.09	2.09	4.14	2.53	1.22	3.112	
September....	1.77	2.42	2.40	2.03	1.15	.86	2.44	2.28	.38	3.21	1.894	
October	1.95	2.19	6.55	1.02	4.68	3.95	4.98	1.67	3.08	3.83	3.290	
November....	3.13	1.88	1.10	2.99	.86	1.83	1.78	2.50	1.87	1.64	1.958	
December	1.44	2.10	.97	1.66	1.54	1.22	3.46	1.76	1.35	2.44	1.794	
TOTALS . . .	25.42	24.32	28.97	19.29	24.66	29.44	24.15	25.26	19.83	25.90	24.724	

RAINFALL AT Middlesbrough Albert Park

Lat.

Lon.

County of York N.R.

Rain Gauge, by

Observer J. W. Parnaby Esq.See - 6.

Diameter ..	8											
Height	10											
Altitude ..	30											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.24	1.18	.55	2.04	1.76	.29	2.36	.41	1.35	.54	1.272	
February ..	4.37	1.89	1.13	.91	2.20	.67	.91	1.07	1.44	1.15	1.574	
March	1.20	1.72	.60	1.97	1.12	1.42	1.05	.77	1.81	3.81	1.550	
April	1.12	1.02	1.32	1.56	1.10	2.00	.52	1.38	2.19	1.73	1.394	
May	1.10	1.54	2.31	2.81	3.28	.58	2.63	3.65	1.70	1.73	2.133	
June	3.10	1.37	1.94	2.74	1.25	.89	.70	3.13	.50	1.62	1.724	
July	1.34	4.16	2.44	3.12	1.68	.65	.91	1.35	2.78	2.74	2.117	
August	6.79	1.45	1.80	1.81	2.50	3.14	2.57	1.73	1.02	5.59	2.840	
September ..	.70	.66	.74	3.22	1.28	2.16	.47	.38	1.67	1.72	1.300	
October	6.71	1.67	2.99	6.88	.52	2.22	4.11	4.31	1.18	2.30	3.280	
November ..	2.57	3.99	.63	1.77	2.25	4.62	2.50	2.05	1.34	1.55	2.327	
December ..	2.09	3.39	1.44	.96	1.91	.31	1.74	3.15	.83	2.82	1.864	
TOTALS ..	33.33	24.04	17.92	29.79	20.85	18.95	20.47	23.38	17.81	27.30	23.384	

1909 Middlesbrough Station 1 Mile S

RAINFALL at Middlesbrough Albert ParkCounty of N.R. YorkshireObserver J.M. Parnaby EsqRiver Basin Tees 6

Rain Gauge, by _____

Diameter ...	8											
Height	1.0											
Altitude ...	30											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.55	1.04	2.11	2.72	1.62	2.10	.59	3.09	1.65	2.57	19.11	790
February ...	1.79	.93	1.89	.82	1.04	2.40	2.70	1.07	1.62	1.46	14.98	685
March .....	.35	2.00	2.52	2.00	1.16	1.48	3.91	2.20	.74	2.51	17.74	936
April	1.67	1.07	.16	2.57	.43	.97	1.57	1.97	1.31	1.59	13.05	684
May	1.67	.63	2.16	2.20	1.95	1.56	2.30	.75	1.00	.72	14.94	477
June	1.35	4.12	4.91	2.27	4.06	.46	1.54	2.60	.51	.74	20.79	539
July	2.47	.57	3.49	1.08	4.85	5.59	1.94	1.22	3.85	1.64	25.81	865
August	2.95	2.93	1.41	1.16	.91	2.59	2.36	7.08	1.71	2.50	27.89	1365
September ...	.21	2.16	1.46	2.25	2.27	1.27	1.99	.88	4.38	.68	16.73	793
October ...	2.88	2.65	2.79	4.05	2.20	1.91	2.24	2.25	1.64	5.83	26.41	1196
November ..	2.00	4.50	3.08	2.08	2.51	1.85	2.07	1.50	.98	3.19	22.13	774
December ...	1.29	3.73	1.36	1.90	3.66	4.53	2.86	2.32	2.76	1.79	23.84	983
TOTALS ...	20.18	26.15	32.16	26.57	26.66	26.71	25.57	26.93	22.15	25.02		

1911

g. found to be defective

24342

Tr. 1914 "Gauge repaired a short time ago and now accurate"

1911-1913 totals adopted from the proportions
for averages x 1.20
Monthly figures 1911-13 re-estimated. 13/8/37.

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

RAINFALL at Middlesbrough Albert ParkCounty of N. R. YorkshireObserver: J. M. Tarnaby Esq.River Basin Yees 6J. F. R. Readman (1921)R. Sutcliffe, Esq. (126)Glaisher Rain Gauge, byM.O. (27) ('25)

Diameter ...	8										5	
Height	10											
Altitude ...	30											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	
January ...	3.12	3.58	1.77	1.18	1.51	1.08	1.69	1.43	2.73	2.41	2.71	23.21
February ...	.78	.15	1.54	2.04	1.27	2.31	1.54	.56	.99	.55	1.25	13.01
March	2.40	.86	1.44	1.28	1.01	1.52	.77	1.83	2.12	.11	2.82	16.16
April	2.37	1.00	1.33	1.31	1.79	2.04	1.20	1.41	.78	.99	1.96	16.18
May	2.06	1.08	1.55	2.40	3.82	2.47	1.64	1.66	1.19	1.16	1.12	20.15
June .....	.69	.36	1.65	.74	1.49	.08	2.45	2.31	5.14	2.14	1.16	18.21
July	5.05	1.66	3.90	2.29	3.61	2.89	4.70	4.32	1.17	2.08	4.89	36.56
August	1.65	5.46	2.28	2.67	3.32	3.14	2.02	4.69	3.42	2.53	3.38	34.56
September...	1.36	.63	2.63	1.56	1.83	2.29	2.25	3.37	.53	1.13	2.54	20.12
October	2.19	1.51	1.42	1.99	3.05	2.53	2.70	2.19	2.56	2.22	2.08	24.44
November...	.65	2.09	.72	3.79	.70	2.74	3.37	3.73	2.17	2.48	3.10	25.54
December...	3.24	1.96	3.48	2.11	2.64	2.76	1.12	1.77	1.19	2.51	1.78	24.56
TOTALS...	25.56	20.37	23.71	23.36	26.04	25.85	25.45	29.27	23.99	20.31	28.79	272.70

1925. Greenhouses 10' high, 15' wide. W.
 Lathing shed 14' " 20' " N.W.
 Stable, etc. 20' " 20' " S.W.
 Trees 20' " 12' " E.

1927. Oct. 9 New g. erected. 50 yds. W.

Inspected by R. Searpoule Sept 1927. see green file

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	54° 34' 1" 14" W		Middlesbro'	1 m.	N.	St. Barnabas	1/2 m.	W.

RAINFALL at Middlesbrough (Albert Park)County of North RidingObserver R. Sutcliffe, Esq.River Basin Tees - 6Type of Gauge M.O.Annual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. 19

796230/27

Diameter	5.											
Height	1.0.											
Altitude	30.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	1940-41
January	1.70	1.17	2.39	.83	2.12	3.04	1.94	1.77	3.93	1.88	60.77	
February	1.16	.86	3.04	.75	3.01	2.95	2.26	1.40	.63	1.80	17.86	
March	1.25	2.17	1.41	1.43	.53	1.30	2.93	.04	2.08	2.02	15.16	
April	2.87	.76	.94	2.40	2.48	1.10	2.15	.11	1.19	2.00	16.00	
May	2.30	4.46	1.98	.66	.69	1.70	2.51	2.97	1.48	1.55	20.30	
June	3.29	.94	1.62	2.34	2.69	3.57	1.69	1.87	2.08	.85	20.94	
July	4.78	3.54	1.64	1.56	.48	3.45	1.04	2.85	2.72	6.63	28.69	
August	2.15	2.41	.52	2.26	2.29	2.10	1.13	2.64	2.45	1.29	20.24	
September	4.62	2.19	1.32	1.72	4.00	2.93	1.52	1.76	1.08	1.14	22.28	
October	1.21	2.91	3.88	2.65	3.78	1.34	1.23	3.08	4.58	2.90	27.56	
November	1.87	1.42	3.24	2.05	3.73	2.42	2.19	2.32	1.64	3.02	23.90	
December	.96	.87	1.61	3.27	1.92	1.13	3.71	2.87	1.10	2.11	19.55	
TOTALS	28.16	23.70	23.59	21.92	27.72	27.03	24.30	24.68	24.94	27.19	253.25	
	D	D	D	D	D	D	D	D	D	D	D	

1931. Greenhouses 13' high 27' E + S.
Trees 15' " 27' N, S + W253.25
253.25Position 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
1931			Middlesbrough	1 1/4 mls	N	St. Barnabas Rd	1/2 ml	W

RAINFALL at Middlebury (Albert Park) Station No. M.3487 41
 County of North Riding Observer R. Sutcliffe Esq.
 River Basin Tees - 6 H.C. Hildyard Esq. (1946)
 Type of Gauge M.O.

Annual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.F.N.

File No. 796230/21

Diameter	5"		033	148								
Height	1' 0"			1								
Altitude	30'			61								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	2.84	2.36	2.73	1.06	4.71	1.08	.99	5.48	.60	1.17	2302	
February	5.91	1.62	.45	1.88	1.52	.43	2.37	.67	.44	2.46	1775	
March	1.93	.68	.45	.50	.35	1.07	2.73	.92	1.02	.67	1032	
April	.67	.43	.81	1.81	1.21	1.97	2.85	.71	2.02	1.88	1436	
May	1.11	1.18	1.59	.77	2.82	1.67	1.48	1.20	.89	1.40	1411	
June	.33	.87	1.07	2.12	1.69	1.93	2.37	4.80	.53	1.47	1717	
July	.98	3.33	1.40	2.18	1.55	4.13	2.13	.79	1.36	2.87	2072	
August	2.48	2.05	4.03	2.34	3.14	2.86	.46	3.63	1.98	4.66	2763	
September	.70	2.34	3.62	3.78	1.19	2.42	2.29	1.17	.60	2.33	2044	
October	3.72	2.41	1.59	2.15	2.83	1.36	.28	1.12	2.40	1.00	1886	
November	2.46	1.67	2.95	4.04	1.01	3.09	1.72	1.34	2.82	5.47	2697	
December	.30	1.90	1.01	1.20	.82	2.04	1.41	1.17	2.13	2.89	1467	
TOTALS	23.43	20.84	21.70	23.83	22.84	24.46	21.08	23.00	16.79	28.27	22622	

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.

County of North Riding - Yorks.

Observer

River Basin.

Type of Gauge

Annual Average 23.7 in. based on 35 years obs. un-weighted.

Period of average

Ref. BAN.

24.34 " " " " " 1916-1950

File No. 796230/27

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NZ451494191

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

(62) Wt. 13072—389 10M 6/50 T.S. 841