

RAINFALL AT Middlesbrough Park

70

Lat.

Lon.

County of

York N.R.

Rain Gauge, by

Observer

Diameter.....											
Height.....											
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						1.80	.50	2.15	1.56	.74	
February.....						.58	1.77	1.24	.43	2.11	
March.....						.26	2.20	2.24	.76	.61	
April.....						.72	1.73	3.31	1.33	1.37	
May.....						.90	1.09	2.44	2.03	4.45	
June.....						3.09	3.31	1.27	1.95	2.60	
July.....						2.93	2.93	2.18	.38	3.49	
August.....						2.31	1.39	4.23	5.91	2.92	
September.....						1.66	3.00	2.73	1.43	.88	
October.....						2.49	1.50	2.44	1.64	.59	
November.....						5.65	2.96	1.33	5.62	2.43	
December.....						1.33	4.22	1.68	4.40	1.01	
TOTALS.....						23.72	26.60	27.24	27.44	23.20	

RAINFALL AT Middlesborough Albert Park

Lat.

Lon.

County of

York N.R.

Rain Gauge, by

Observer

J. Mansergh Esq. G.C.
T. Hallam Esq.

Trees 6

Diameter	8										
Height	2.0										
Altitude	30										
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January31	.82	.74	1.32	2.95	1.83	3.02	1.33	.58	1.36	1.426
February	1.22	2.71	.48	1.46	1.15	.87	.56	.50	1.19	.82	1.095
March78	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	1.99	.31	1.231
July	4.33	3.90	2.48	5.83	2.33	.58	4.64	.90	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
 Trees 20 ft high 150 ft N

RAINFALL AT Middlesborough Albert Park

Lat.

Long.

County of

York N.R.

Rain Gauge, by

Observer

T. Hallam Esq
M.P.A.S.C.

Sext.

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	1.945
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
April66	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	2.206
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	2.142
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)	(2.290)
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)

1880 -

RAINFALL AT Middlesbrough Albert Park

Lat. Lon. County of York N.R.

Rain Gauge, by

Observer

Tues - 6.

J.W. Parnaby Esq

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	1.27	%
February ..	4.37	1.89	1.13	.91	2.20	.67	.91	1.07	1.44	1.15	1.57	4
March	1.20	1.72	.60	1.97	1.12	1.42	1.05	.77	1.81	3.81	1.55	0
April	1.12	1.02	1.32	1.56	1.10	2.00	.52	1.38	2.19	1.73	1.39	4
May	1.10	1.54	2.31	2.81	3.28	.58	2.63	3.65	1.70	1.73	2.13	3
June	3.10	1.37	1.94	2.74	1.25	.89	.70	3.13	.50	1.62	1.72	4
July	1.34	4.16	2.44	3.12	1.68	.65	.91	1.35	2.78	2.74	2.11	7
August	6.79	1.45	1.80	1.81	2.60	3.14	2.57	1.70	1.02	5.59	2.84	0
September..	.70	.66	.74	3.22	1.28	2.16	.47	.38	1.67	1.72	1.30	0
October....	6.71	1.67	2.99	6.88	.52	2.22	4.11	4.31	1.18	2.30	3.28	0
November ..	2.57	3.99	.63	1.77	2.25	4.62	2.50	2.05	1.34	1.55	2.32	5
December ..	2.09	3.39	1.44	.96	1.91	.31	1.74	3.15	.80	2.82	1.86	4
TOTALS ..	33.33	24.04	17.92	29.79	20.85	18.95	20.47	23.38	17.81	27.30	23.38	4

> > > > > >

1909 Middlesbrough Station 1 Mile S

RAINFALL at Middlesbrough Albert Park

County of N.R. Yorkshire
River Basin Tees 6

Observer—

J.M. Parry by

Rain Gauge, by

1911 9. found to be defective

-24342-

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

Monthly figures 1911-13 were estimated. 13/8/37.

RAINFALL at Middlesbrough Albert Park

County of N. R. Yorkshire

Observer J. M. Parnaby Esq.

River Basin Tees 6

J. F. R. Readman (1921)

Glasshouse Rain Gauge, by

R. Sutcliffe, Esq. (126)

M.O. (27) ('25)

Diameter ...	8									5		
Height	1.0											
Altitude ...	30											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
										1930 Middlesb.		
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
February78	.18	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	20.55
June69	.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
	D	D	D	D	D	D	D	D	D	D	D	

1925. Greenhouses 10' high, 15 yds. W.
 Setting bed 14' " 20" N.W.
 Stable &c. 20' " 20" S.W.
 Trees ... 20' " 12" E.

1927. Oct 2. New greenhouses. 50 yds. W.
 Inspected by Mr. Scarfpool Sept 1927. 200 greenfis.

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
1925	54° 34' 1° 14' N	Middlesbro'	1 m. N.	St. Barnabas	1/8 m. W.		

RAINFALL at Middlesbrough (Albert Park)

County of North Riding

Observer R. Sutcliffe, Esq.

River Basin Tees - 6

Type of Gauge M.O.

Annual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881—1915 Ref. B. 6 N
796230/27

Diameter	5.											
Height	1.0.											
Altitude	30.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean 1930-40	
January	1.70	1.17	2.39	1.83	2.12	3.04	1.94	1.77	3.93	1.88	60.77	
February	1.16	.86	3.04	1.75	3.01	2.95	2.26	1.40	1.43	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	1.94	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	3.64	2.45	1.29	20.24	
September	4.62	2.19	1.32	1.72	4.00	2.93	1.52	1.16	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	24.96	27.19	253.25	
D	D	D	D	D	3	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	Parish Church.	Distance from gauge
1931			Middlesbrough	1/4 mls	N	St. Barnabas Rd	1/8 ml

Station No. M.3487

RAINFALL at Middleton-in-Teesdale (Albert Park) ✓

41

County of North Riding Observer R. Sutcliffe Esq.
 River Basin Tees = 6 H.C. Hildyard Esq. (1948)
 Type of Gauge M.O.

Annual Average 23.7 in. based on 25 years obs. un-weighted. Period of average 1881-1915. Ref. B of 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
January	2.84	2.36	2.73	1.06	4.71	1.88	1.99	5.48	.60	1.17	2.302
February	5.91	1.62	45	1.88	1.52	43	2.37	1.67	.44	2.44	1775
March	1.93	.68	.45	.50	.35	1.07	2.73	.92	1.02	1.67	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	1.92	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	1826
November	2.46	1.67	2.95	4.04	1.01	3.09	1.72	1.34	2.82	5.47	2657
December	.30	1.90	1.01	1.20	.82	2.04	1.41	1.17	2.13	2.89	1487
TOTALS	23.43	20.84	21.70	23.83	22.84	24.44	21.08	23.00	16.79	28.27	22622

197.95

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 from gauge	Parish Church.	Distance from gauge

Station No. 3487 m.

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RAINFALL at Middlesbrough (Coldwell Park)

County of North Riding - Yorks. Observer H. C. Hildyard Esq.

River Basin. Tees - 6

Type of Gauge. M.D.

Annual Average 23.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.I.N.
 24.34 " " " 1916-1950 1916-1950 P
 File No. 796230/27

Diameter	5"		033	148							
Height	1'0"			1							
Altitude	30'		51		X						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	1.69	1.62	.78	2.41	1.93	2.69	1.38	1.58	2.57	3.88	20.53
February	1.85	.47	1.71	1.28	1.63	1.80	1.76	2.84	.57	1.71	15.62
March	3.13	1.20	.13	1.37	1.18	.48	.83	2.27	.49	1.20	12.28
April	1.60	1.59	1.40	.16	.90	.83	.25	1.48	1.50	0.58	10.29
May	4.29	1.05	1.62	2.33	2.00	.36	1.04	2.47	.54	0.77	16.47
June	1.58	1.04	2.35	2.61	2.46	3.45	2.17	3.01	1.64	0.47	20.78
July	1.89	1.29	2.73	1.65	1.15	2.37	3.69	2.23	1.97	1.91	23.88
August	5.73	1.79	3.54	4.55	.81	6.62	2.04	3.02	.17	2.93	31.20
September	.84	4.66	1.27	1.46	1.22	1.43	2.64	2.68	1.03	2.28	19.51
October	1.34	2.21	1.50	3.83	1.49	1.00	1.69	1.24	1.26	3.31	20.87
November	3.56	3.37	1.31	3.39	1.77	.98	1.65	.79	3.96	2.83	23.61
December	3.26	1.85	.86	1.69	2.12	1.42	1.24	2.46	2.48	2.91	20.89
TOTALS	30.76	22.14	19.20	26.73	18.66	23.43	20.38	26.07	18.18	27.78	235.33

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference N2(45)494191

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1875	✓ ✓	✓ ✓	✓ ✓	✓ ✓	