

RAINFALL at

Retford Sewage Disposal Works

2635

County of Nottinghamshire

Observer

J.D. Kennedy Esq

River Basin Trent Left Bank Tribut 75

Innons Rain Gauge, by Stanley

Diameter ...					5							
Height					10							
Altitude ...					74							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.
January ...					1.27	2.67	.90	2.87	1.87	3.07		16.72
February ...					1.13	2.87	4.23	.61	1.52	2.83		8.71
March					1.91	1.10	4.18	1.79	.97	3.84		9.19
April .....					.84	1.06	1.33	1.31	1.48	1.96		10.78
May					2.50	1.35	2.60	2.47	2.51	1.48		6.08
June					2.09	.70	2.09	1.21	.75	1.24		9.06
July					2.27	5.27	1.12	1.01	2.65	2.96		5.29
August					1.92	3.90	2.73	4.74	2.17	2.26		7.74
September ..					1.46	.90	1.85	.89	4.29	1.69		11.90
October ...					2.43	1.43	2.14	2.39	1.61	2.26		8.72
November ...					2.78	2.57	3.54	1.13	1.62	2.80		8.40
December...					4.85	5.81	2.67	1.23	3.57	4.06		9.09
TOTALS ...					25.45	29.63	29.38	21.65	25.01	30.45		11.53
						2		2	2	2		106.47

1914 Sewage Works Building 30 ft high 40 jobs

N.B. Annual values rejected from Survey, 1928.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.20	0.50	Retford	2 m	S	St Lawrence Church	3 1/4 m	S

RAINFALL at Relford Sewage Disposal WorksCounty of Nottinghamshire Observer R. B. Wilson Esq.River Basin Trent - Left Bank Falls 5. Borough Sundry.Symonds Rain Gauge, by Stanley

Diameter ...	5"											
Height	1	0										
Altitude ...	74											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	Totals.
January ...	2.39	1.87	2.77	1.78	2.00	1.83	2.61	1.59	3.63	1.94	3.08	25.29
February ...	2.05	2.28	2.44	3.96	1.35	2.20	1.59	1.78	1.78	.59	.61	18.63
March	2.52	1.30	1.77	1.53	1.01	1.07	.67	2.28	1.85	.11	2.03	16.14
April	4.94	1.45	2.72	1.47	1.48	2.34	2.07	2.25	.77	.93	2.65	23.07
May	2.13	1.45	.86	3.98	2.89	4.31	2.50	1.64	1.70	1.02	1.39	23.87
June	1.98	.56	1.16	1.56	1.35	.39	4.02	3.33	2.18	1.01	2.56	20.10
July	5.27	.72	3.98	3.52	2.15	1.08	1.63	2.45	.66	1.26	4.09	26.81
August	1.04	3.87	6.47	2.78	3.56	1.78	3.47	3.61	2.60	2.04	3.19	34.44
September...	1.84	.75	3.01	2.36	2.88	3.15	1.18	4.22	.25	1.09	3.27	24.00
October	2.21	2.19	1.13	1.62	4.61	2.72	2.22	1.84	5.19	3.31	1.97	29.01
November...	1.36	1.79	1.03	2.22	1.79	2.54	3.51	2.50	2.52	4.44	2.97	26.70
December...	2.48	1.91	3.20	2.35	2.13	1.99	.99	2.28	1.99	3.94	1.97	25.23
TOTALS...	30.21	18.14	30.54	29.13	27.20	25.40	26.46	29.77	25.12	21.54	29.78	293.29
	D	D	D	D	D	D	D	D	D	D	D	468

1920 Sewage Works Building 30ft high 40 yds W.

N.B. Annual values repeated from Summary, 1928.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 26'	0° 50'	Relford	2 mi	S	St. Saviour's	3/4 mi	S.

RAINFALL at Retford (Sewage Disposal Wks)County of Nottinghamshire Observer R. E. Wilson, Esq.River Basin Trent Left Bank 5

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

775567/27.

Diameter	5												
Height	1	0											
Altitude	74												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		Totals
January	2.11	.95	1.87	1.80	1.68	2.74	3.68	1.73	4.40	1.26			23.22
February	1.73	.49	2.03	.56	2.54	2.76	2.61	1.25	1.16	2.19			17.32
March .....	.31	1.05	2.64	2.70	.52	1.09	2.17	.27	1.66	1.96			14.37
April	3.20	2.26	.73	2.34	2.17	1.55	2.94	.10	1.44	1.74			18.47
May	2.71	6.92	1.68	1.03	.38	1.83	3.61	3.11	1.24	.70			23.21
June	3.57	.66	1.57	1.05	2.86	4.08	.57	1.61	1.98	1.16			19.31
July	3.94	4.88	.76	1.70	.50	6.62	2.26	3.90	4.27	3.72			32.55
August	4.51	1.12	.30	1.41	1.33	2.35	1.40	2.11	2.80	.52			17.85
September	3.24	1.20	1.19	1.32	4.87	2.08	1.94	1.94	.90	.89			19.57
October .....	.72	3.17	4.19	1.30	2.85	2.37	3.05	2.56	3.57	4.02			27.80
November	2.83	1.26	2.33	2.30	4.79	2.97	1.52	2.53	3.49	4.23			28.25
December	1.19	.93	.38	3.92	2.58	1.48	4.01	3.56	2.12	2.22			22.39
TOTALS	30.06	24.89	19.67	21.43	27.07	32.92	29.76	24.87	29.93	24.61			244.31
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.			946

1931. Sewage 30' high 40 yds. W.

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.			Retford	2 m.	S.	St. Saviour's	3 1/2 m.	S.E.

Station No. 2635RAINFALL at Retford (Sewage Disposal Works)

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County of NottinghamshireObserver R. E. Wilson Esq.River Basin Trent - Left Bank - 5Borough Surveyor (1946).

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. 275567/27

Diameter	5"			124	391							
Height	1' 0"				1							
Altitude	74'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.25	2.96	3.49	2.38	1.42	1.95	2.21	4.38	1.10	.87		Totals 24.01
February	2.37	1.67	.62	1.81	1.44	2.38	1.89	.86	.52	3.91		17.47
March	4.19	1.00	.59	.43	.67	.87	3.68	.66	1.09	.71		13.89
April	.84	.93	1.04	2.15	1.16	.97	2.24	1.09	1.36	2.40		14.18
May	1.70	4.10	2.67	1.57	1.20	1.14	.97	1.67	1.67	1.55		18.54
June	.31	1.62	1.72	1.95	2.27	2.71	2.96	2.26	.48	1.01		17.29
July	3.36	1.83	1.24	1.87	1.69	2.12	.95	.94	3.12	2.05		19.17
August	2.51	3.02	1.46	3.38	2.46	4.66	.19	2.92	1.46	2.75		25.41
September	.48	1.32	2.27	4.08	.83	2.35	.99	1.79	.68	2.37		17.16
October	3.21	2.03	1.57	2.55	2.38	1.40	.40	1.47	3.03	.94		18.98
November	3.36	1.36	1.46	3.59	.64	4.44	1.45	1.05	3.06	3.75		24.16
December	.47	1.52	.81	1.40	1.26	2.81	2.12	2.64	2.35	1.30		16.68
TOTALS	26.05 D	23.36 D	18.94 D	27.76 D	17.42 D	27.80 D	20.05 D	21.73 D	19.92 D	23.91 D		226.94 44.2

1941 Sewage Works Buildings 30' high 40 yds. W.

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			Retford	2 m.	S.	St. Saviour	3 1/4 m.	S.

BRITISH RAINFALL ORGANIZATION

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River Basin, Trent - L. Bank - 5'

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.

File No. 775567/27

Diameter ...	5"			124	391						
Height ...	1' 0"				1						
Altitude ...	74'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.54	1.62	.58	.85	1.69	2.79	1.15	1.91	1.84	4.18	1815
February ...	2.71	.25	1.23	1.86	2.01	.83	1.48	2.80	.08	2.10	1535
March ...	2.50	1.71	.87	1.29	2.59	.59	1.50	1.62	1.05	1.46	1548
April ...	.87	.65	1.81	.19	.73	1.73	.23	.42	2.06	0.79	948
May ...	3.24	1.51	1.61	3.00	2.82	.32	.90	2.09	.50	1.05	1734
June ...	.69	2.17	1.60	2.10	2.47	4.10	1.32	4.99	.35	0.94	2073
July ...	.90	.50	2.00	1.79	.49	2.79	3.96	5.73	.91	3.18	2225
August ...	4.95	1.12	1.31	5.67	.36	5.68	3.21	1.60	.49	3.35	2774
September ...	1.34	1.64	.95	1.66	.45	1.58	3.88	1.79	.03	2.98	1630
October ...	1.08	1.97	2.23	2.66	1.37	1.20	1.00	1.65	1.73	4.69	1958
November ...	4.97	1.09	1.06	3.92	1.49	.77	2.47	.68	2.50	3.34	2229
December ...	1.03	1.65	.85	1.82	1.55	1.75	1.46	2.77	2.88	2.18	1794
TOTALS ...	26.12 D	15.88 D	16.10 D	26.81 D	18.02 D	24.13 D	22.56 D	28.05 D	14.42 D	30.24 D	22233

1951 observer states gauge sound, Gardiner's may have read a little low
 sludge was building 30' at 40° heat.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SK(43) 70682

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Ratford	2 m.	S.	St. Lawrence Ratford	3/4 m.	S.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	e 1914 D 16, 17-19	✓ ✓	✓ ✓ limited 38, 39	✓ ✓ limited 43, 44	