

## RAINFALL at Derby Sewage Works Spondon

County of Derbyshire

Observer J Ward Esq C.E.

River Basin Trent-Derwent 6

Spondon Rain Gauge, by N+3

Diameter ...	5										MEANS.
Height .....	1.3										
Altitude ...	135										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	.79	4.45	3.64	1.49	2.62	1.50	2.63	1.90	3.13		
February ...	1.76	1.54	.97	1.18	2.59	4.89	.87	2.03	2.47		10.26
March .....	1.38	2.42	3.76	2.18	.97	4.77	1.53	1.11	4.46		11.87
April .....	1.79	1.20	.21	3.02	.81	.91	1.45	.97	1.31	1.28	5.01
May .....	2.86	1.04	2.73	1.83	1.73	1.80	2.11	2.33	3.13	1.42	8.99
June .....	1.44	2.61	5.04	1.16	1.87	1.08	1.56	2.77	.52	.74	5.59
July .....	2.71	.10	3.43	.74	3.14	6.08	1.83	1.21	2.37	2.83	8.24
August .....	3.68	1.73	5.71	2.40	1.62	2.76	2.12	4.21	1.51	1.93	9.82
September ..	.63	1.52	.89	1.62	.72	.89	1.27	1.53	5.42	1.61	9.83
October ...	1.84	2.14	3.19	2.79	2.15	1.55	2.76	3.51	1.31	2.42	10.00
November ..	4.16	2.11	1.96	2.47	3.67	2.83	3.23	1.52	1.34	1.76	7.85
December ...	4.80	3.73	3.35	1.05	5.03	4.75	2.48	1.11	3.81	3.79	11.19
TOTALS ...	20.11	34.92	25.45	25.89	28.83	29.97	24.19	25.76	27.89		107.8
	D	D	D	D	D	D	D	D	D	D	D

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52°54'.40	1° 23.	Spondon M.R.	150 yds	E	Spondon		

## RAINFALL at Spondon Derby Sewage Works

County of Derbyshire

Observer J. Ward Esq C.E.

River Basin Trent-Derwent 6

C. A. Clews CE (1921)  
Borough Surveyor

Snowdon Rain Gauge, by H & G.

1930. Filters 8 ft. high 15° S.E.

*Position of Station on reduced Ordnance Survey* } No. of Map \_\_\_\_\_  
May 2 miles to 1 inch Series }

*Preference No.*

Date.	Lat. N.	Long.W	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	52° 54' N	1° 23' W	Spondon	150 yds E	Spondon	3 1/4 min. E

## RAINFALL at Spondon (Derby Sewage Wks.)

County of Derbyshire Observer E. H. Bennett, Esq., C.E.

River Basin Trent-Derwent 6

Type of Gauge.

Annual Average 25.5 in. based on 18 years obs. un-weighted. Period of average 1881-1938 Ref.

Diameter	5	Height	1 3	Altitude	125	Year	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	Means
January	1.55	1.94	1.77	2.53	1.74	3.11	3.06	2.65	3.98	2.94							Total
February	2.84	2.29	2.72	1.52	1.93	1.73	3.56	1.52	1.04	2.73							17.86
March	1.13	1.48	2.35	1.70	1.62	1.58	1.66	1.27	1.24	1.68							12.71
April	3.86	2.67	1.44	2.26	3.12	1.57	1.91	.08	1.18	1.58							19.07
May	2.56	1.25	1.40	1.94	1.47	1.42	2.22	1.69	1.93	1.89							18.77
June	3.52	1.95	1.49	1.53	2.63	3.13	1.93	1.06	1.69	1.07							15.50
July	4.15	4.32	2.20	1.97	3.2	4.08	3.19	3.29	4.19	2.64							27.35
August	5.12	2.55	1.88	2.15	1.89	1.75	1.31	1.86	2.63	2.+							12.32
September	1.83	1.75	2.15	1.90	4.87	2.71	1.99	2.67	1.88	1.47							20.22
October	1.59	3.24	3.84	1.26	3.08	1.39	1.90	2.10	2.70	3.50							23.60
November	2.87	1.77	1.92	2.16	4.20	2.01	1.32	2.23	3.53	3.17							26.48
December	1.09	5.4	3.1	3.77	3.70	1.66	2.22	3.17	1.66	1.64							17.76
TOTALS	30.11	28.75	21.27	20.69	27.57	24.14	23.27	21.59	24.66	20.05							242.24
	D	D	D	D	D	D	D	D	D	D							22.07

1931 Gauge in open.

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	Direction
1931			Spondon	1/20 600 yds.	W.	Spondon.	3 4 m.	N.E.

Station No. T.E. 2656

## RAINFALL at Spaldon (Derby sewage works)

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County of Derbyshire

Observer C. J. Bezzett Esq. B.E.

River Basin Great Derwent S

Borough Engineer, Derby

Type of Gauge.....

Annual Average 25.6 in. based on 18 years obs. un-weighted. Period of average 1881-1915.

Ref. S

File No. 24131/33

Diameter	5"			110	518						
Height	1' 3"				1						
Altitude	135'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.29	2.00	3.81	2.75	1.31	2.24	1.86	4.09	.88	1.69	Total/8 21.92
February	1.58	.59	.55	2.11	2.06	3.23	(.88)	1.18	.44	4.02	17.04
March	2.33	1.81	.84	.11	.69	.63	4.74	.67	1.17	.56	13.55
April	1.59	.83	.59	1.94	1.89	1.14	1.91	1.48	1.96	2.28	15.61
May	2.20	2.95	2.90	.81	1.95	1.36	1.54	1.47	2.15	1.36	18.69
June	.75	.24	2.22	1.54	2.26	2.91	1.17	2.07	.48	.99	14.63
July	3.30	1.96	1.10	2.56	1.90	1.49	1.93	1.08	2.96	1.76	20.04
August	3.97	2.72	2.18	2.05	2.54	3.50	.36	4.06	1.47	2.87	26.72
September	.24	.92	1.98	3.34	2.12	3.18	1.69	1.98	1.78	3.35	20.52
October	2.64	1.81	1.12	2.07	3.28	1.21	.24	2.12	3.90	.94	17.93
November	2.96	1.32	1.60	3.56	.19	4.32	1.68	1.20	2.95	3.80	23.58
December	.90	2.03	.68	1.14	1.46	2.29	2.28	2.97	2.04	1.47	17.26
TOTALS	24.75	19.18	20.11	23.98	21.65	27.50	21.28	24.87	22.18	24.09	229.65 1947. Feb. adjustment.

20004

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.
1941			Spaldon L.M.S.	150y	E	St. Werburghs.	1230y N.E.

Station No. 2656

T.F.

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## RAINFALL at SANDON (DERBY SEWAGE WORKS)

County of DERBY

Observer BOSS ENGINEER, DERBY

River Basin TRANT - DERWENT - 6

Type of Gauge Sondor (tA)

Annual Average 265 in. based on 18 years obs. un-weighted. Period of average 1881 - 1915 Ref. 5  
 " 26.22 " 29 " " WITHIN 1916-57 " " " 1916 - 1950 S  
 File No. 24131/33

Diameter ...	5"		110	518							
Height ...	1' 3"				1						2' 2"
Altitude ...	135'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	2.07	2.27	.90	.99	1.96	3.34	1.49	2.63	2.84	5.03	23.52
February	2.41	.65	1.44	1.98	1.60	(.73)	1.95	3.73	.18	1.94	16.61
March	3.74	2.24	1.30	1.59	2.33	1.01	2.04	1.86	1.35	1.35	18.51
April	1.37	1.31	2.32	.29	1.10	1.79	.21	.87	2.21	1.13	12.60
May	2.31	2.51	2.25	2.14	2.73	.59	.72	2.13	.36	1.51	11.25
June	1.34	2.44	2.53	2.71	3.51	2.64	1.32	4.04	.97	2.29	23.79
July	.70	1.91	2.61	1.93	1.04	2.05	3.38	3.44	1.19	2.87	21.62
August	4.13	2.22	2.19	4.40	.63	4.27	3.59	2.31	.75	4.31	28.70
September	1.26	1.20	1.59	3.01	.89	2.55	5.73	2.17	.07	4.78	23.25
October	.76	2.87	1.76	2.61	1.72	1.33	1.32	1.88	2.14	5.39	21.78
November	4.89	1.50	1.62	3.99	1.75	.80	2.26	1.17	2.57	3.19	23.74
December	2.08	2.41	.88	2.79	2.05	3.41	1.84	2.90	3.18	3.21	24.75
TOTALS	27.06	23.53	21.39	28.43	21.21	24.51	25.85	24.33	17.81	37.00	256.12
	D	D	D	D	D	D	D	D	D	D	

1956. Feb. part est. 1103

July II 1959 J.B.O.K. L. recently moved from site overshadowed N-NE. Present exposure satisfactory. L. imbedded in concrete slab resting on bricks. Trees planted W-NW 2 trees may overshadow in late years.

20004

Position of Station on Ordnance One-Inch map :

No. of Map 121

National Grid Reference SK(4)383935

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Recorded

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