

80

RAINFALL AT *Eggarston Sewage Farm Burton*
Elwall

Lat. Len. County of Derby
 Rain Gauge, by Observer Mr. G. G. Giles.

Front. L-5.

Diameter										5"
Height										
Altitude										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
										Means.
January66	1.12
February26	1.29
March									2.15	3.34
April									1.62	2.35
May61	2.97
June									1.66	.85
July								1.26	5.02	1.84
August								1.67	2.41	2.75
September								1.81	.98	2.22
October								2.01	.41	2.40
November								1.96	3.76	.90
December81	1.78	1.87
TOTALS									21.32	23.90

? Gauge moved to Elwall at end of 87 or early in 88

RAINFALL AT Derby Etwall Blakelby Lodge

Lat.

Lon.

County of

Derby

Rain Gauge, by

Observer

J. R. Gile

Trnt. L - 5.

Diameter	5										
Height	10										
Altitude								190			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.47	1.76	1.25	1.29	1.47	3.28	1.11	2.03	.89	2.67	1.822
February54	.10	1.24	2.35	2.19	.04	.73	3.00	1.23	1.24	1.266
March85	1.20	.53	.43	1.19	1.64	2.84	2.27	1.19	.95	1.309
April72	2.39	.67	.44	1.41	1.89	.86	2.13	1.72	2.84	1.507
May	2.10	2.20	2.15	2.58	1.52	.57	.35	1.54	2.21	2.34	1.456
June	1.12	4.45	2.64	.85	2.24	2.11	1.61	2.59	1.40	2.23	2.124
July	1.57	2.50	2.02	2.01	2.24	3.61	1.44	.33	.83	1.21	1.774
August	2.97	3.62	2.26	1.92	1.81	2.11	1.65	2.60	2.32	.89	2.215
September	1.13	1.06	2.90	1.84	.55	.36	3.67	2.52	.35	2.46	1.684
October	1.51	3.95	2.36	1.85	1.87	2.21	2.57	.90	2.33	2.92	2.247
November	2.42	1.85	1.36	.99	2.04	3.10	1.20	1.92	1.51	1.24	1.763
December65	3.59	1.50	2.22	1.98	2.08	3.66	2.74	1.90	1.91	2.225
TOTALS	18.05	28.67	20.86	18.77	20.51	23.00	21.69	24.57	17.88	22.90	21.690

1899 Etwall Church 1/4 mile N

Trees 30 ft high 20 ft N

RAINFALL AT Etwall Blakeloy Lodge

Lat. Lon. County of Derby

Rain Gauge, by Observer Mr R. Giles

Front L-5.

Diameter ..	5										
Height	10										
Altitude ..	19075										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.33	1.36	.92	1.79	1.83	.97	3.39	1.20	1.03	1.08	1.690
February ..	3.37	1.00	1.26	1.11	2.69	.67	2.62	1.47	1.04	.67	1.590
March ..	.48	1.66	1.18	2.99	1.59	2.53	1.47	1.26	2.58	2.78	1.852
April ..	1.36	1.33	2.32	1.59	1.37	1.29	.62	1.34	2.45	1.22	1.489
May ..	1.50	.78	2.42	2.64	1.53	.43	1.96	3.66	2.64	1.74	1.930
June ..	3.20	1.83	2.33	1.09	.37	1.64	1.86	2.79	2.36	2.35	1.982
July ..	2.89	3.21	1.41	2.45	2.18	1.26	.81	2.55	2.50	3.57	2.283
August ..	4.29	1.83	3.25	4.13	3.32	3.15	.81	3.03	3.59	1.98	2.938
September ..	.64	.68	1.18	2.79	1.90	1.26	.97	.46	2.10	2.89	1.497
October ..	2.50	1.60	1.99	4.82	.70	1.12	4.65	4.01	1.19	3.25	2.583
November ..	2.02	1.50	1.49	2.08	1.26	2.47	2.53	2.00	1.48	.58	1.741
December ..	3.67	4.67	1.29	1.11	1.36	.45	2.17	3.18	1.50	4.07	2.347
TOTALS ..	29.25	21.45	21.04	28.59	20.10	17.34	23.86	26.95	24.46	26.18	23.92

D D D S F T

Hub

1901 Etwall Church 1/4 miles N

Trees 30 ft high 30 ft N

1903 Etwall Station 1 mile N.N.W

10
2650

RAINFALL at Etwall Blakely Lodge

2650

County of Derbyshire

Observer

9m R files

River Basin Trent. Left Bank Tributaries 5

Rain Gauge, by

Diameter ...	5									
Height	10									
Altitude ...	190 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	2.15	.84	3.56	3.66	1.69	2.65	1.46	1.76	1.52	3.66
February	2.07	.93	1.61	1.00	1.32	2.52	4.30	1.11	1.74	2.07
March52	1.26	3.09	4.05	2.53	.93	3.23	1.31	1.33	4.09
April	2.42	.93	.28	3.21	.71	.77	1.53	.87	1.00	1.32
May	2.09	.60	2.26	1.72	2.12	1.33	2.01	2.63	2.91	.83
June	1.24	2.81	4.80	.93	1.54	1.24	1.73	1.92	.69	1.22
July	2.41	.23	3.42	.92	3.27	6.80	3.18	1.24	3.54	2.10
August	3.41	1.45	6.33	1.91	1.87	2.55	1.73	4.56	2.52	2.12
September36	1.47	.82	2.14	.40	.63	.71	1.28	5.04	1.46
October	2.41	1.86	2.81	2.93	1.90	1.90	3.39	4.20	1.24	2.28
November	4.33	1.99	2.00	2.56	3.64	2.36	2.79	1.39	1.45	1.70
December	4.34	3.95	3.15	1.24	5.64	4.73	2.12	.78	3.62	3.95
TOTALS ...	27.75	18.32	34.13	26.27	27.03	28.41	28.18	23.05	26.60	26.80
	7	8	3	2	7	8	7	2	6	d. imp.

1912 Trees 40 ft high 20 yards 7

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Etwall	1 m	N	Etwall	1 m	N

RAINFALL at Etwall Blakeley Lodge

County of Derbyshire

Observer Mr R. Giles 1932 G. Edgecombe

River Basin Trent - Left Bank Tribs 5-

E. S. Laban (1922)

(1925) Swanson Rain Gauge, by

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____

Reference No.

Date.	Lat. M.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Etwall	1 mi	N	Etwall	1 mi	N

RAINFALL at Etwall (Blakeloy Lodge)

County of Derbyshire

Observer

Edge Leaon, E.
C.H. Hawley Esq. (1937)

River Basin Trent Left Bank trib 5

Type of Gauge

Annual Average 24.1 in. based on 41 years obs. un-weighted. Period of average 1881 - 1935 Ref. 8

Diameter	5									5	
Height	10	1.24							1.24		
Altitude	190								189	189	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.60	2.02	1.61	2.35	1.78	2.85	3.08	2.61	4.73	1.66	Total 23.49
February	2.88	2.23	2.22	2.28	1.94	1.68	3.65	1.73	1.94	2.67	17.27
March	1.10	1.70	1.76	1.59	1.70	1.28	1.81	1.40	1.19	1.55	12.08
April	2.94	2.33	1.90	1.68	2.54	1.48	1.92	1.14	1.77	1.76	17.46
May	2.73	6.27	1.91	1.80	4.44	3.79	2.33	1.58	1.00	1.12	18.55
June	3.58	6.2	2.76	1.81	3.50	3.29	1.20	1.61	1.03	1.9	19.39
July	4.55	3.26	2.38	1.47	3.9	3.84	2.39	3.63	4.28	2.76	23.98
August	5.37	2.63	1.80	2.17	1.75	1.83	1.52	2.08	2.64	1.48	19.17
September	2.51	2.26	1.56	1.84	3.42	2.62	1.33	2.86	1.58	1.60	19.58
October	1.85	3.03	4.97	1.63	3.32	1.59	2.49	2.58	2.11	2.59	27.16
November	2.58	1.51	1.96	1.98	4.43	2.61	1.38	2.21	4.01	6.10	27.87
December	1.00	1.77	1.37	4.43	3.85	1.81	1.83	3.31	1.76	1.50	20.63
TOTALS	30.69	26.63	22.20	21.03	27.06	24.28	23.93	24.24	26.99	24.58	Total 251.63
	D	D	L	d	D	D	D	D	D	D	466

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
1934.			Etwall	1m.	N.W.	Etwall.	1m N.

Station No. 2650

RAINFALL at Tewall (Brakeley Lodge)

41

County of Derbyshire Observer G. H. Hawley Esq.

River Basin Trent - Left Bank 5.

Type of Gauge

Annual Average 24.6 in. based on 41 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. no Bl

Diameter	5"			105	273							
Height	1' 4"				1							
Altitude	189'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.23	2.63	3.34	2.71	1.63	2.21	1.29	11.30	1.36	1.02		Totals 23.72
February	2.12	1.05	.78	1.29	2.18	3.93	.61	1.29	.60	4.55		18.40
March	2.70	2.19	1.24	.19	.89	.71	4.56	.83	1.66	.84		15.81
April	1.66	.97	.51	2.26	1.73	1.22	2.00	1.72	2.60	2.03		16.72
May	2.36	2.95	3.01	1.14	2.79	1.51	1.55	1.57	1.73	1.79		20.40
June	1.06	.05	2.12	1.77	2.52	3.19	1.20	2.70	.34	.75		15.70
July	5.12	2.25	1.11	2.69	2.16	1.06	3.54	1.69	2.63	2.00		24.25
August	4.36	3.10	2.38	2.74	2.26	3.46	.64	4.68	1.75	2.33		27.69
September	.34	1.00	1.72	3.44	2.29	4.42	2.09	2.21	1.29	3.64		22.44
October	3.19	2.24	1.28	2.47	3.98	1.31	.27	2.06	4.03	.96		21.89
November	2.43	1.05	1.43	4.00	.27	4.34	1.89	1.27	3.20	3.92		23.80
December	1.08	1.91	1.12	1.50	2.09	2.36	2.48	3.87	2.25	1.58		20.24
TOTALS	29.66	21.39	20.14	26.20	24.79	29.72	22.12	28.19	23.44	25.41		251.06

1948. Jan + Feb corr for W.D.

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. 2650

51

RAINFALL at Erwell (BLAKELEY LODGE)County of DARBYSHIREObserver C. H. HAWLEY, Esq.River Basin TRENT - L. BANK - 6

Type of Gauge.....

Annual Average 24.1 in. based on 41 years obs. yd-weighted. Period of average 1881 - 1915 Ref. S
25.89 " 35 " 1916 - 1950 P
 File No.

Diameter ...	5"		105	273							
Height ...	1 ft 4"				1						
Altitude ...	189'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means-Totals
January ...	2.01	2.28	.92	1.06	1.86	3.01	1.55	2.13	2.92	4.93	22.67
February ...	2.16	.54	1.58	2.01	1.55	.85	1.89	3.31	.17	1.59	15.65
March ...	3.50	1.90	1.22	1.82	2.27	1.02	2.19	1.57	1.65	1.41	18.55
April ...	1.62	2.20	2.00	.43	1.29	.91	.15	.79	2.48	1.13	13.00
May ...	2.42	3.11	2.36	2.48	3.01	.70	.69	1.91	.49	1.54	18.71
June88	2.49	2.67	2.77	3.34	2.36	1.28	4.46	.73	3.60	24.57
July68	1.04	2.27	2.13	.63	2.13	3.24	4.16	1.53	3.80	21.61
August ...	6.59	1.41	2.31	4.03	.48	4.73	2.95	1.61	.56	4.71	29.68
September ...	1.66	1.19	2.01	2.72	1.41	2.16	5.13	2.58	.05	4.55	23.46
October59	2.54	2.20	2.94	1.82	1.12	1.67	2.17	2.11	4.85	22.01
November ...	5.02	1.44	1.68	4.40	2.12	.63	1.80	1.49	3.01	3.32	24.91
December ...	2.14	2.72	1.09	3.23	1.69	2.88	1.67	3.01	3.69	3.01	25.13
TOTALS ...	29.27	22.86	22.31	30.32	21.47	22.49	24.21	26.19	19.39	38.44	259.95
	D	D	D	D	D	D	D	D	D	D	

1959 :- 70 600

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SK(43)268304

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 - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ D 16, 12, 15-17 D 19	✓ D 20, 22, 27-29 D 21, 23-26, 30	✓ but d 33, 34	✓	✓