

RAINFALL AT

Bawfrod Enginee Office No 36

Lat.

Lon.

County of

Derbyshire

M.O.

Rain Gauge, by

Observer Eltonian Leg. cl.

Derwent - 6.

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..							1.10			2.1	
Altitude ..							680			507	
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..							4.50	1.58	2.46	1.86	
February ..							3.40	2.00	2.98	2.31	
March ..							3.28	3.11	3.45	3.64	
April ..							1.63	3.07	2.89	1.70	
May ..							2.30	3.69	3.69	2.65	
June ..							1.58	4.47	2.20	3.43	
July ..							2.58	2.76	2.86	3.42	
August ..							2.67	3.20	3.11	1.86	
September ..							1.02	.46	3.47	2.64	
October ..							5.34	7.00	1.43	3.86	
November ..							5.42	3.44	2.66	1.03	
December ..							3.57	2.81	3.24	1.36	
TOTALS ..	33.49	30.08	39.87	28.78	30.70	37.27	37.59	37.59	31.50	35.17	
									35.20	38.87	

Bawfrod Station

1901-05. Entered from P.Y. 1. XII. 1913.

1908-09 transferred with No 60 (see previous sheet). Alter from 8B
Miner 1-16

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RAINFALL at Bamford Engineers Office No. 60 ^{correctly obsd.} 1916

County of Derbyshire Observer E. Sandeman Esq. cl.
 River Basin Trent. Derwent 6 S.C. Wincer Esq. cl.

Rain Gauge, by _____

Diameter ...	8											MEANS.
Height	2-1											Total
Altitude ...	509											16-79
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		16-34
January ...	3.71	2.00	4.96	4.24	2.69	5.31	2.85	3.42	3.58	4.49		13-04
February ...	4.84	4.02	1.86	1.43	2.33	5.51	6.23	.68	3.55	2.58		14-50
March	1.16	1.70	3.93	4.57	4.54	1.56	4.56	2.49	1.55	3.90		8-72
April	3.13	2.14	1.09	3.45	1.64	1.41	3.21	2.02	1.64	2.05		15-54
May	2.54	1.02	3.41	2.73	2.05	1.63	2.49	1.68	3.15	1.46		16-27
June	2.63	2.61	3.70	1.86	2.89	1.77	2.71	1.99	1.79	1.52		14-65
July	3.79	.27	4.83	1.23	4.47	5.16	1.91	1.23	3.97	3.67		10-78
August	4.78	2.21	6.83	1.74	1.47	3.23	2.40	6.20	2.02	3.59		15-54
September ..	.18	2.42	2.01	2.61	2.82	.78	1.75	1.50	9.29	3.00		15-54
October ...	2.62	3.15	3.35	4.62	3.12	2.09	4.79	5.37	2.61	3.50		16-27
November ..	6.37	4.30	2.76	4.03	5.69	4.31	4.71	4.10	2.06	3.78		14-65
December ...	6.43	7.15	5.27	3.47	7.63	8.40	3.47	2.43	7.05	7.60		20-55
TOTALS ...	42.48	32.99	44.00	35.98	41.37	41.16	41.08	33.11	42.26	43.14		159.55
												42.60

Wrongly printed in B.R. as No 36 till 1914.

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

RAINFALL at Bamford, Engineers' Office, no. 60.

County of Derby

Observer S.B. Wincer, C.E.

River Basin 6 - Derwent.

Other P.M.O. Rain Gauge, by Casella

JR-21 { 8.00 } 8.00 } 8.00 } 8.00 } u. good condition Glass h+2, correct at .02, .10, .15 + .50.

Diameter ...	8										
Height	2.1										
Altitude ...	509										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	5.84	6.12	4.73	3.76	2.66	4.14	4.38	3.08	7.97	2.12	6.20
February ...	4.38	4.43	4.41	6.84	1.56	5.56	2.39	1.86	4.90	.54	1.81
March	2.60	2.95	2.47	2.10	.99	1.98	2.21	4.63	2.51	.48	3.20
April.....	5.26	1.97	3.65	3.09	2.35	2.94	1.88	4.70	1.41	1.32	3.93
May	3.83	1.60	.87	4.01	4.71	3.92	2.97	1.33	1.01	2.48	2.33
June	2.83	.26	2.09	1.02	2.02	.06	2.54	4.66	4.21	1.40	2.45
July	4.76	.91	4.28	4.76	4.76	1.75	2.71	2.58	1.21	2.40	4.53
August	1.30	4.77	6.44	4.36	4.20	2.53	3.29	4.39	4.85	2.89	4.15
September...	1.88	1.15	3.31	4.15	3.42	3.77	2.47	5.86	.68	2.22	4.72
October.....	2.52	2.22	1.62	3.73	5.05	5.31	3.88	3.45	5.44	4.75	5.42
November...	1.47	2.07	2.52	6.44	2.53	3.27	5.16	4.30	7.27	7.53	4.16
December...	3.59	5.34	5.07	4.04	3.47	3.67	2.81	(2.34)	3.37	9.83	4.34
TOTALS...	40.26	29.68	41.46	48.30	37.72	38.90	36.69	43.15	44.83	37.96	46.74

Totals
51.00

30.18

26.72

32.50

28.98

23.53

34.62

43.97

33.63

43.39

46.72

47.87

44.56

46.69

Inspected 26. 20. 11. 21. S. in field in front of Engineers' Office sloping to S slightly and S surrounded by vegetables at suitable distance. Good exposure.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Bamford					

RAINFALL at Bamford (Engineering Office) No. 60

County of Derbyshire

Observer S.B. Winter, F.R.C.S.

River Basin Trent, Derwent 6

Derwent Valley Water Board (1933)

Type of Gauge Standard

Annual Average 37.5 in. based on 2½ years obs. un-weighted. Period of average

1931-1935 Ref.

600619/26

370241/34

Diameter	8										
Height	2 1			1' 0"							
Altitude	510						509				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.29	4.16	2.57	4.04	2.89	3.82	6.08	4.65	6.61	3.50	Totals
February	5.44	5.50	4.46	4.43	6.61	3.60	6.96	2.02	2.76	2.41	42.61
March	2.25	2.62	2.90	3.65	1.55	2.90	3.00	1.06	3.53	2.46	35.19
April	5.38	5.11	1.49	2.71	3.50	1.71	2.23	5.3	2.47	3.58	23.92
May	2.72	4.87	1.81	2.01	5.1	2.01	3.27	2.93	1.88	1.00	28.71
June	4.28	1.24	3.48	1.03	3.30	3.38	1.46	2.65	2.57	7	23.01
July	4.13	3.84	2.39	2.38	1.24	4.74	3.81	5.43	5.86	3.12	36.97
August	6.59	1.59	.88	2.83	2.35	1.88	1.99	1.95	2.10	.89	23.05
September	4.36	2.57	1.51	2.85	6.25	4.64	1.35	2.90	1.91	2.32	30.56
October	1.48	6.34	6.25	4.54	7.84	5.23	3.17	6.28	4.61	4.39	50.13
November	5.25	3.60	2.76	2.32	6.55	4.59	1.60	5.39	6.87	8.28	47.21
December	2.01	1.80	.67	6.02	4.95	4.42	1.98	5.19	2.06	4.26	36.36
TOTALS	47.18	38.24	31.17	34.81	47.54	42.95	39.90	40.88	43.23	36.94	402.34

N.B. Inspected x/33. Abandoning with rim at 2', but retain others. There was a gauge with the rim at 1' quite close & the two gauges gave similar readings. It was recommended that the gauge at 2' should be abandoned & the other adopted as the standard.

18 Jan 1934. Gauge at 4' brought into use. gauge at 2' abandoned.

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. 71 2682

RAINFALL at Bamford (Engineering Office) No. 60

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County of Derbyshire

Observer Derwent Valley Water Board

River Basin Trent - Derwent 6

Type of Gauge Standard

Annual Average 37.8 in. based on 26 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

File No. 66069/26 370261/34

Diameter	8"		106	869							
Height	1' 0"			1							
Altitude	509'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.79	4.14	5.78	5.63	4.65	5.15	3.80	8.88	1.94	1.84	Total 45.60
February	3.83	1.71	3.02	2.74	4.09	6.59	(3.32)	2.89	2.27	6.68	37.14
March	6.21	2.10	1.40	5.8	1.01	1.77	6.14	1.55	1.62	1.34	23.72
April	2.31	2.33	2.65	2.73	2.35	1.40	3.67	2.24	3.58	4.50	27.76
May	2.86	4.54	3.13	3.40	2.87	2.65	2.88	1.77	2.33	1.50	27.92
June	6.6	.91	2.38	2.82	3.86	4.28	3.04	4.40	.85	1.67	24.87
July	4.16	3.34	1.55	3.49	1.72	3.03	2.16	1.47	2.74	2.43	26.09
August	4.79	3.27	2.97	2.71	2.57	3.83	.57	4.33	2.17	3.94	31.15
September	.43	2.12	3.78	4.14	1.85	5.67	1.66	1.51	1.51	4.99	27.96
October	4.62	4.41	2.37	3.92	6.63	1.13	.87	2.10	4.56	1.89	32.50
November	3.64	1.41	3.32	6.89	.51	8.56	4.50	1.92	6.15	5.63	42.53
December	2.12	3.60	1.87	3.47	2.95	5.12	4.93	4.34	6.31	2.68	37.39
TOTALS	39.41	34.18	34.22	42.52	35.06	49.18	37.54	37.40	36.03	39.09	324.63

1947 Feb ad for now .

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

Station No. 2682

T.F. 26

RAINFALL at BAMFORD (ENGINEER'S OFFICE) N^o 60

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County of DERBYObserver DARWENT VALLEY WATER BD,River Basin. TRENT - DERWENT - 6Type of Gauge. SUPERIOR SELENIUMAnnual Average 37.8 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S
39.79" " 35 " 1916-1950 1916-1950 File No. 370241/34 P

Diameter ...	8"			106	869			504"			
Height ...	1' 0"					1					
Altitude ...	509'					31					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.10	5.12	1.63	4.23	2.70	7.02	2.89	4.49	3.71	6.84	42.73
February	5.57	1.51	2.28	3.40	2.36	1.31	3.08	(6.35)	.29	2.80	28.95
March	5.56	2.08	2.83	2.55	3.79	1.81	3.52	(2.73)	(1.98)	2.61	29.46
April	2.01	3.10	3.35	.65	1.44	1.80	.34	1.16	3.89	2.26	20.00
May	3.17	3.22	2.36	3.52	6.01	.64	1.44	3.82	1.38	2.12	26.68
June	1.20	2.15	3.05	2.57	3.09	3.71	1.89	4.66	2.14	1.55	26.01
July	1.54	1.51	3.75	3.37	2.14	6.85	3.91	6.33	2.53	5.28	37.21
August	4.96	2.20	4.26	6.83	.94	6.92	7.76	3.60	.50	4.08	42.05
September	2.81	4.39	2.13	4.12	1.58	4.32	6.30	(4.34)	.08	4.31	33.88
October	.96	7.16	2.14	4.94	3.30	2.95	2.93	3.90	3.42	6.52	38.22
November	9.78	3.36	2.47	6.76	2.60	1.90	2.65	1.11	5.48	6.15	42.26
December	5.64	4.03	1.65	6.63	5.31	5.54	4.82	5.24	6.93	4.75	50.54
TOTALS ...	46.80	39.83	31.90	49.57	34.26	44.77	41.53	47.73	32.33	49.27	417.99
D	D	D	D	D	D	D	D	D	D	D	

July 1959 J.B.O. Long grass & weeds to be cut. G. sound.satisfactory

30104/10004

1960 from anal 36A. Woods one sheet clear for 3" all round

Position of Station on Ordnance One-Inch map :			No. of Map	111	National Grid Reference	9K(13)202829
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓	✓	✓	✓	✓