

RAINFALL at Bamford Filters No 70
 County of Derbyshire Observer S B Wensin Esq CR
 River Basin Trent Derwent 6
 Rain Gauge, by Carolla 827

Diameter ...							8			
Height							10			
Altitude ...							656			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...							2.89	4.20	4.51	3.51
February ...							9.22	.66	3.44	2.83
March							7.58	2.89	1.69	6.14
April							2.90	2.74	1.81	1.96
May							2.28	1.61	3.01	1.51
June							2.65	1.98	1.52	1.32
July							2.94	1.35	3.83	4.00
August							2.31	6.28	2.04	3.62
September...							1.64	1.36	8.86	2.90
October ...							4.61	4.91	2.46	3.39
November...							4.75	4.02	2.05	3.52
December...							3.67	3.05	6.66	7.29
TOTALS ...							47.44	35.05	41.88	41.99

1916 House 25ft high 150 ft S
 Shrubbery 8 ft 40 ft E

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53°20'38"	1°40'52"	Bamford	7/16 m	42° E of Bamfd		9/16 m	60° E 95'

RAINFALL at Bamford Filters, No 704.

County of Derbyshire Observer S. B. Wimber C.E.

River Basin Trent-Derwent-6 Remount Valley Water Bd.

Rain Gauge, by _____

Diameter ...	18										
Height	1.0										
Altitude ...	1056										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January						4.38	4.64	3.31	5.28	2.25	6.33
February						5.50	2.47	1.93	4.84	.79	1.37
March						2.16	2.39	4.82	3.21	.39	3.85
April						2.47	3.54	2.05	5.03	1.44	4.68
May						4.35	4.06	3.20	1.35	1.20	2.46
June						2.07	.07	2.66	4.54	4.12	1.44
July						4.30	1.72	2.83	2.58	1.15	2.06
August						4.42	2.61	3.26	4.08	4.05	4.22
September						3.99	3.58	2.37	5.65	.54	2.28
October						5.26	4.81	3.91	3.96	5.77	4.80
November						2.52	3.74	5.14	5.21	7.25	7.23
December						3.83	3.79	3.12	2.56	3.86	9.22
TOTALS ...						imp.	39.96	38.04	44.92	45.71	37.24
											48.29

1924 New g. commanding 23 March.

1925. Surrounded by turf wall 2 ft. high 18 in. wide at top, distance of top of the turf wall (over edge) to centre of the gauge is 6 ft.

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

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

RAINFALL at Bamford Tiers, No. 70.

County of Derby Observer S.B. Werner

River Basin b - Derwent.

Copper M.O. Rain Gauge, by Casella 822
 Wood condition 8.00 } VIII. 21 N. + 2. glass broken
 8.00 } 8.00 not sealed.

Diameter ...	8										
Height	10										
Altitude ...	656										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS:
January ...	5.49	5.91	5.08	3.41	2.65	3.96	3.87	3.06	7.94	2.11	5.77
February ...	3.87	4.46	3.96	6.89	1.56	4.79	2.08	1.77	4.70	1.74	1.22
March	2.58	2.86	2.37	2.12	1.77	1.89	2.13	4.23	3.08	3.8	3.59
April.....	4.86	1.89	3.80	2.90	2.29	3.17	1.75	6.25	1.36	1.29	4.18
May	3.87	1.30	1.89	3.76	4.05	3.67	2.86	1.28	1.17	2.37	2.18
June	3.14	2.26	1.73	1.90	1.97	1.07	2.43	4.33	4.01	1.38	2.05
July	4.90	1.84	3.98	4.96	3.88	1.63	2.65	2.44	1.09	1.98	4.91
August	1.21	4.88	6.48	3.84	4.12	2.36	3.06	3.91	3.94	2.90	4.09
September...	1.68	1.16	3.03	4.04	3.70	3.32	2.25	5.18	5.14	2.20	4.55
October.....	2.56	2.11	1.63	3.33	4.67	4.36	3.50	3.04	5.67	4.64	4.93
November...	1.24	2.02	2.51	6.36	2.32	3.06	4.74	4.31	6.91	6.93	4.20
December...	3.62	4.96	6.25	4.03	3.48	3.10	2.95	2.34	3.71	8.40	4.26
TOTALS...	39.02	28.65	40.71	46.54	35.66	35.38	34.27	40.14	44.12	35.32	45.93

Unprotected site. 20. III. 21. sheltered by trees on N.E., open on S. nothing nearer than 10 yds.
 Good position and very intelligent observer. G. had been moved at times but no details given.

1925. not printed. Check.

1926 "

1928 "

1929 "

1930 "

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
	53° 20' 38"	1° 40' 52"	Bamford	7/16 mi	42° 15' N	Bamford	5/16 mi	60° E of S

RAINFALL at Bamford Filters No 70A

County of Derbyshire

Observer S B Winter E.C.E.

River Basin Trent Derwent & b

Derwent Valley Water Board (1935)

Type of Gauge

Annual Average 30.1 in. based on 4 years obs. un-weighted. Period of average 1881-1935 Ref. 5

660619/26 370241/34

Diameter	8										
Height	1	0									
Altitude	656						660				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	5.26	4.03	2.66	3.97	2.79	4.24	6.18	4.47	7.43	3.73	44.76
February	5.68	1.02	4.78	5.53	6.10	3.90	6.74	1.81	2.67	2.67	35.90
March	4.40	2.55	2.81	3.79	1.52	3.21	3.81	.98	3.85	2.69	25.31
April	5.72	5.48	1.51	3.08	3.46	2.04	2.13	.46	2.43	3.54	29.85
May	2.68	5.23	1.76	1.95	5.3	2.06	3.27	2.96	1.90	1.03	23.37
June	4.26	1.33	2.91	1.02	3.40	3.46	1.43	2.62	2.43	.74	23.60
July	4.01	3.77	2.23	2.31	1.13	4.53	3.93	4.89	6.27	3.18	36.25
August	6.84	1.82	.81	2.71	2.27	1.71	1.69	1.71	2.33	1.00	22.89
September	4.62	2.44	1.62	2.72	6.18	4.69	1.33	2.89	2.03	2.23	30.75
October	1.42	5.91	6.17	4.35	7.37	4.95	3.39	5.94	4.97	4.64	49.11
November	5.39	3.59	2.98	2.63	7.22	4.73	1.65	5.14	6.83	8.32	48.48
December	2.06	1.85	.74	6.47	5.00	4.44	5.33	5.31	2.17	4.14	34.51
TOTALS	48.34	39.02	30.98	35.53	46.97	43.96	40.88	39.18	45.01	37.91	404.78
D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

N.B. Inspected X/33. "The ordinary g. should be abandoned for the h (No 70), and the top well round the check g should be made according to the specification set out later."

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

Station No. T.F. 2683

RAINFALL at Bamford Derbyshire N° 70A /

41

County of DerbyshireObserver Darwen Valley Water BoardRiver Basin Trent-Derwent - 6

Type of Gauge

Annual Average 39.1 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. S
570241/34 File No. 660619/26

Diameter	8"			106	601							
Height	1' 0"					1						
Altitude	660'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	4.17	4.04	5.63	5.09	4.56	5.11	4.06	9.26	1.83	1.42	45.17	
February	4.41	1.90	3.07	3.12	3.86	6.54	3.64	3.18	2.12	6.38	38.22	
March	(6.20)	2.38	1.41	6.2	.96	1.91	7.01	1.69	1.63	1.30	25.11	
April	2.81	2.42	2.54	2.73	2.10	1.54	3.73	2.21	3.74	1.22	28.04	
May	2.89	4.65	3.12	3.41	2.95	3.33	2.87	2.04	2.31	1.49	29.04	
June	1.49	1.89	2.09	2.61	4.12	4.80	2.88	4.07	.72	1.52	24.19	
July	4.49	3.43	1.51	3.21	1.64	2.93	2.38	1.39	2.76	2.31	26.04	
August	4.41	3.25	2.95	2.71	2.66	3.73	.63	4.41	2.08	3.45	30.28	
September	1.46	2.43	3.62	4.19	1.64	5.32	1.65	2.10	1.58	4.43	27.41	
October	4.55	4.19	2.36	3.93	6.29	1.52	1.09	1.98	4.04	1.84	31.79	
November	4.06	1.62	3.28	6.99	.64	8.46	4.28	2.04	6.24	5.70	43.31	
December	2.05	3.32	1.97	3.43	3.33	4.79	4.84	4.16	5.16	2.86	36.21	
TOTALS	40.96	34.52	33.55	42.04	34.75	49.98	39.06	38.53	34.55	36.92	384.81	

1941 - March total estimated.

10004

Top wall surrounds field below 1033

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

Reference No.....

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

Station No. 2683

T.F. 26

RAINFALL at S. Bamford Flatters No. 707County of DerbyObserver Darwen Valley Water Bd.River Basin TRENT - DERWENT - 6Type of Gauge SnowdenAnnual Average 39.1 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. S
" " 40.17 " " 24 " " 1925-50 " " 1916-1950 " " 5
File No. 370241/34

Diameter ...	8"			106	601						
Height ...	11' 0"					1					
Altitude ...	660'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	3.74	4.78	1.53	3.78	3.61	6.96	2.51	4.11	3.76	6.28	41.06
February	5.14	1.36	2.65	3.25	2.62	(1.57)	3.37	5.66	.21	2.70	28.53
March	5.52	2.02	2.40	2.56	3.74	1.61	3.41	(2.80)	2.07	2.43	28.56
April	1.80	2.98	3.23	.61	1.34	1.88	.30	1.16	3.85	1.98	19.13
May	3.24	2.98	2.14	3.44	4.94	.66	1.29	3.56	.89	2.00	25.14
June	1.13	1.99	2.53	2.48	3.18	3.67	1.76	4.48	1.60	1.44	24.26
July	1.22	1.47	3.58	3.34	2.02	6.86	3.32	6.01	(2.09)	4.47	34.38
August	4.54	1.74	4.25	6.47	.66	6.65	6.82	3.42	(.66)	4.06	39.27
September	2.15	4.12	1.92	3.87	1.73	4.13	(6.21)	3.85	.07	4.13	32.18
October	1.95	7.13	2.13	4.54	3.18	2.49	2.46	3.40	2.89	6.55	35.72
November	9.76	3.25	2.24	6.69	2.60	1.47	2.83	1.09	5.22	5.59	40.74
December	5.03	3.77	1.40	5.83	4.88	5.22	4.41	4.78	5.99	4.02	45.33
TOTALS ...	44.22	37.59	30.00	46.86	34.50	43.11	38.69	44.32	29.30	45.65	394.30
	D	D	D	d	D	D	D	D	d	d	ap

July 1958 9.50%. Seal of gauge of d. tube funnel. Flat-tube measure. 0'shaded except to
ENE & S-SSE. Measuring New side selected 20004001041000400604

1960 From end 26A. Gauge moved to site indicated.

1960 np low

(43)

S Turf wall.

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference SK 212 830

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			Cimp 1924 D 28-30	✓	✓	V. but d 41