

RAINFALL at

Bamford Tilters No 70

County of Derbyshire

Observer

S B Winsor Esq CR

River Basin

Trent Derwent 6

Rain Gauge, by Casella 8227

Diameter ...							8				
Height							10				
Altitude ...							656				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							2.89	4.20	4.51	3.81	
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	8.56	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 150ft S
 Shrubbery 8. 40ft E

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.20.38	1.40.52	Bamford	7/16 mi	42° E	Bamford	9/16 mi	60° E 1/5

RAINFALL at Bamford Tilters, No. 70 ACounty of DerbyshireObserver S. B. Wansor C.E.River Basin Trent-Derwent. 6Derwent Valley Water Bd.

Rain Gauge, by _____

Diameter ...					8						
Height					10						
Altitude ...					656						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 M.M.S.
January ...						4.38	4.64	3.31	8.28	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	2.26
June						2.07	.07	2.66	4.54	4.12	2.10
July						4.30	1.72	2.83	2.58	1.15	5.05
August						4.42	2.61	3.26	4.08	4.05	4.22
September...						3.99	3.58	2.37	5.65	.54	4.66
October						5.26	4.81	3.91	3.46	5.77	5.10
November...						2.52	3.74	5.14	5.21	7.25	4.28
December...						3.83	3.79	3.12	2.86	3.86	4.39
TOTALS...					imp.	39.96	38.04	44.92	45.71	37.24	48.29

1924 New g. commencing 21st March.

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

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

Reference No. _____

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

RAINFALL at Bamford Fellers, No. 70.County of DerbyObserver S. B. WinesRiver Basin b - Severn

Copper M.O. Rain Gauge, by Cosella 822
 Good condition 8.00 11.21 N. 2. glass broken
 5.00 not filled.
 5.00

Diameter ...	8											
Height	1	0										
Altitude ...	656											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	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	4.6	3.96	6.89	1.56	4.79	2.08	1.77	4.70	7.4	1.22	
March	2.58	2.86	2.37	2.12	.97	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	.89	3.76	4.05	3.67	2.86	1.28	1.17	2.37	2.18	
June	3.14	2.6	1.73	.90	1.97	.07	2.43	4.33	4.01	1.38	2.05	
July	4.90	.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	5.4	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	5.25	4.03	3.43	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	

Inspected 28. 20. 11. 21. sheltered by trees on N.E., open on S. nothing nearer than 10 yds.
 Good position and very intelligent observer. S. had been moved at times but no details
 given.

1925. not printed. Check.

1926 " " "

1928 " " "

1929 " " "

1930 " " "

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
	53° 20' 38"	1° 40' 52"	Bamford	7 1/6 mi	N 41° E of	Bamford	5 1/6 mi	60° E of S

RAINFALL at Bamford Filters No 70ACounty of DerbyshireObserver S B Wincer Esq CERiver Basin Trent Derwent 6Derwent Valley Water Board (1933)

Type of Gauge

Annual Average 39.1 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref 5660619/26 370241/34

Diameter	8										
Height	10										
Altitude	656						660				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
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	.53	6.10	3.90	6.74	1.81	2.67	2.67	35.90
March	4.0	2.55	2.81	3.79	1.52	3.21	3.81	.98	3.55	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	.53	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	37.51
TOTALS	48.34	39.02	30.98	35.53	46.97	43.96	40.88	39.18	45.01	37.91	407.78
	D	D	D	D	D	D	D	D	D	D	

N.B. Inspected 8/33. "The ordinary g. should be abandoned for this (No 70), and the tag well round the clock 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. T.F. 2683RAINFALL at St. Barnard's Hill N° 70A 1

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County of DerbyshireObserver Derwent Valley Water Board.River Basin Derwent - 6

Type of Gauge.....

Annual Average 39.1 in. based on 4 years obs. un-weighted. Period of average 1881 - 1915 Ref SFile No. 570241/34
66019/26

Diameter	8"			106	601						
Height	1' 0"				1						
Altitude	660'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
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	.62	.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	14.22	28.04
May	2.87	4.65	3.12	3.41	2.95	3.33	2.87	2.04	2.31	1.49	29.04
June	.49	.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	2.75	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	.45	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	5.46	2.86	36.21
TOTALS	40.96 2	34.52 D	33.55 D	42.04 D	34.75 D	49.98 D	39.06 D	38.53 D	34.50 D	36.92 D	384.81

1941 - March total estimated.

10004

Just wall surround fitted before 1933

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.

BRITISH RAINFALL ORGANIZATION

Station No. 2683

T.F. 26

RAINFALL at § BAMEFORD FLATERS No. 707

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County of DERBYObserver DERWENT 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 " " 26 " " 1925-50" " 1916-1950 - 5File No. 870241/34

Diameter ...	8"			106	601						
Height ...	1' 6"				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	(2.30)	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	2.88	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
October95	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	43.17	38.69	44.32	29.30	45.65	394.30
	D	D	D	D	D	D	D	D	D	D	

High. till 1958 J.B.K. Seal of gauge of d. tube found. Flat. toll. measure. o'shellbed except to
ENE & S-SSE. increasing. New site selected 20004 00104 10004 D0604

1960 from incl 26A. Gauge moved to site indicated.
1960 n.p. low

§ Vulp. Wall.

(43)

Position of Station on Ordnance One-Inch map: No. of Map 111 National Grid Reference SK212330

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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 D28-30	✓ ✓	✓ ✓	✓ ✓