

RAINFALL AT

Bamford Engineer Office No 36

Lat.

Lon.

County of

Derbyshire

No.

Rain Gauge, by

Observer

Edmundson Esq. C.E.

Stewert - 6.

Diameter ..							5	8			
Height							1	0		2	1
Altitude ..							680			509	
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							4.50	1.58	2.46	1.86	
February ..							3.40	2.00	2.98	2.31	
March							3.29	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							2.56	2.76	2.86	3.42	
August							2.67	3.20	3.11	1.86	
September..							1.02	.46	2.47	2.64	
October....							5.34	7.00	1.43	3.86	
November..							5.42	3.46	2.66	1.03	
December ..							3.57	2.81	1.90	6.77	
TOTALS ..		33.49	30.08	39.87	28.78	30.70	37.27	37.59	31.50	35.17	

Bamford Station

1901-05. Entered from P.Y. 1. 811. 1913.

1908-09 transposed with No 60 (see previous sheet) Alter from 8.13. Missen 1.06.

RAINFALL at

Barnford Engineers Office No. 36

2682
10
60
with 10th Nov 1916

County of Derbyshire

Observer E. Sandeman Esq. C.E.
J. B. Winstanley C.E.

River Basin Trant. Derwent 6

Rain Gauge, by _____

Diameter ...	8											
Height	21											
Altitude ...	509											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	3.71	2.00	4.96	4.24	2.69	5.31	2.85	3.42	3.58	4.49		16.19
February ...	4.84	4.02	1.86	1.43	2.33	5.51	6.23	.68	3.55	2.58		14.34
March	1.16	1.70	3.93	4.57	4.54	1.56	4.56	2.49	1.55	5.90		14.50
April	3.13	2.14	1.09	3.45	1.64	1.41	3.21	2.02	1.64	2.05		8.92
May	2.54	1.02	3.41	2.73	2.05	1.63	2.49	1.68	3.15	1.46		8.78
June	2.63	2.61	2.70	1.86	2.89	1.77	2.71	1.99	1.79	1.52		8.01
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	3.89		14.21
September ..	.43	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	3.73		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 ...	42.43	32.99	44.00	35.98	41.37	41.14	41.08	33.11	42.26	43.14		159.51
	P	2	2	2	2	2	2	2	2	2		7.25

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

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Barnford</u>					

RAINFALL at Bamford, Engineer's Office, No. 60.County of DerbyObserver S. B. Winsor, CE.River Basin 6 - Derwent.Gauge M.O. Rain Gauge, by CassellaJan. 21 { 8.00 } v. good condition glass h. 2.1.
 { 8.00 } correct at .02, .10, .15 & .50.
 { 8.00 }

Diameter ...	8												
Height	2.1												
Altitude ...	509												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.		
January ...	5.84	6.12	4.73	3.76	2.66	4.14	4.38	3.08	7.97	2.12	6.20	Total	51.00
February ...	4.38	4.3	4.41	6.84	1.56	5.56	2.39	1.56	4.90	5.4	1.31		34.18
March	2.60	2.95	2.47	2.10	.99	1.98	2.21	4.63	2.51	4.8	3.20		26.12
April	5.26	1.97	3.65	3.09	2.35	2.94	1.88	4.70	1.41	1.32	3.93		32.50
May	3.83	1.50	.87	4.01	4.71	3.92	2.97	1.33	1.01	2.48	2.33		28.96
June	2.83	2.5	2.09	1.02	2.02	.06	2.54	4.66	4.21	1.40	2.45		23.53
July	4.76	.91	4.28	4.76	4.76	1.75	2.71	2.58	1.21	2.40	4.53		34.62
August	1.30	4.77	6.44	4.36	4.20	2.53	3.29	4.39	4.85	2.89	4.15		43.17
September...	1.88	1.15	3.31	4.15	3.42	3.77	2.47	5.86	.68	2.22	4.72		33.63
October	2.52	2.22	1.62	3.73	5.05	5.31	3.88	3.45	5.44	4.75	5.42		43.39
November...	1.47	2.07	2.52	6.44	2.53	3.27	5.16	4.30	7.27	7.53	4.16		46.72
December...	3.59	5.34	5.07	4.04	3.47	3.67	2.81	(2.34)	3.37	9.83	4.34		47.87
TOTALS...	40.26	29.68	41.46	48.30	37.72	38.90	36.69	43.15	44.83	37.96	46.74		445.69
	D	D	D	P	D	D	D	D	D	D	D		486

Inspected 28. 20.11.21 G. in field in front of Engineer's 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 (Engineers Office) No. 60County of DerbyshireObserver S. B. Winter E. J. C. E.River Basin Trent Derwent 6Derwent Valley Water Board (1933)Type of Gauge StandardAnnual Average 37.9 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. S660619/26370241/34

Diameter	8											
Height	2 1			1' 0"								
Altitude	510					509						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	5.29	4.16	2.57	4.04	2.89	3.82	6.08	4.65	6.61	3.50		43.61
February	5.44	5.0	4.46	4.3	6.61	3.60	6.96	2.02	2.76	2.41		35.19
March	2.5	2.62	2.90	3.65	1.55	2.90	3.00	1.06	3.53	2.46		23.92
April	5.38	5.11	1.49	2.71	3.50	1.71	2.23	.53	2.47	3.58		28.71
May	2.72	4.87	1.81	2.01	.51	2.01	3.27	2.92	1.88	1.00		23.01
June	4.28	1.24	3.48	1.03	3.30	3.38	1.46	2.65	2.57	.73		24.12
July	4.13	3.84	2.39	2.38	1.24	4.74	3.81	5.43	5.86	3.12		36.77
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	2.80	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	4.98	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
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		D.

N.B. Inspected 4/33. Abandoned g. with rise at 2', but retain other g. Here was a gauge with the rise at 1ft. 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 1ft. brought into use. gauge at 2' abandoned.

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

Station No. 71 2682RAINFALL at Bamford (Engineer's Office) N^o 60 41County of DerbyshireObserver Derwent Valley Water Board.River Basin West Derwent 6Type of Gauge StandardAnnual Average 37.8 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 66049/26 370241/34

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	194	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	.58	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	2.85	4.54	3.13	3.40	2.87	2.65	2.88	1.77	2.33	1.50		27.92
June	.66	.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	2.42	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 D	34.18 D	34.22 D	42.52 D	35.06 D	49.18 D	37.54 D	37.40 D	36.03 D	39.09 D		384.63 D

1947 February

20004

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. 2682T.F. 26RAINFALL at BAMFORD (ENGINEER'S OFFICE) No. 60

51

County of DERBYObserver DERWENT VALLEY WATER BD.River Basin TRANT - DERWENT - 6Type of Gauge STANDARD Self-recordingAnnual Average 37.8 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. S39.79 " " 35 " " 1916-1950File No. 1916-1950 270241/34 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 Total
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
October96	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	5.64	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

help. In 1959 J.B.D.K. long pass 2 weeks to be cut. J. record.

1960 from anal. 26A. Which one kept clear for 3rd all record

satisfactory

3010410004

Position of Station on Ordnance One-Inch map :

No. of Map 111National Grid Reference SK(42)267829

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	