

## RAINFALL AT

Bamford. Yorkshire Bridge Weir No 59

Lat. ....

Lon. ....

County of Derbyshire

Rain Gauge, by .....

Observer E Sandeman Esq C.E.

Derwent - 6.

Diameter ..							8			
Height ..							10			
Altitude ..							540			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..							4.80	1.99	3.19	2.38
February ..							3.70	2.48	3.58	2.62
March ..							3.61	3.66	3.85	3.92
April ..							1.83	3.49	3.03	1.98
May ..							2.61	4.02	3.36	2.50
June ..							1.63	5.21	2.47	3.90
July ..							2.64	2.62	3.70	4.32
August ..							3.53	3.64	3.62	2.01
September ..							1.16	.59	2.76	3.02
October ..							5.50	6.91	1.40	4.81
November ..							5.02	3.78	3.05	1.39
December ..							3.82	3.11	1.87	8.52
TOTALS ..							33.25	39.91	41.50	35.85
										41.27

Bamford Station  
1905. Extracted from P.V. 1. XII. 1913.

RAINFALL at Burnford Yorkshire Bridgewater No 59 2690

County of Derbyshire

Observer E Sandeman by C.E.

S. B. Wunderley et al

River Basin Trent-Darwent 6

Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	10										
Altitude ...	540										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.39	1.96	5.63	4.18	3.00	5.59	3.06	3.16	3.52	4.48	
February ...	4.17	4.22	2.00	1.47	2.35	5.43	6.64	.67	3.78	2.67	
March .....	1.11	2.02	4.24	4.50	4.49	1.47	4.46	2.87	1.67	5.87	
April .....	3.19	2.58	1.42	2.92	1.81	1.46	2.96	1.96	1.49	2.42	
May .....	2.57	.87	3.50	2.53	1.93	1.35	2.42	1.71	3.07	1.78	
June .....	2.90	2.73	4.31	2.02	2.72	1.72	2.43	1.78	1.61	1.56	
July .....	3.92	.81	5.54	1.21	4.30	5.11	1.79	1.37	3.43	3.59	
August .....	4.77	2.22	7.34	1.50	1.62	2.96	2.06	6.34	2.11	3.45	
September ..	.52	2.95	2.09	2.61	2.67	.71	1.82	1.32	9.21	2.63	
October ...	2.88	3.00	3.54	5.05	3.55	2.17	4.94	5.42	2.77	3.62	
November ..	5.80	4.60	2.85	4.06	5.73	4.30	4.94	4.33	2.04	3.86	
December ...	7.44	7.02	4.99	3.23	7.64	7.99	3.49	2.25	6.52	8.07	
TOTALS ...	42.66	34.48	47.45	35.28	41.81	40.26	41.01	33.18	41.22	44.00	

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

## RAINFALL at Bamford, Hollesly Bridge Weir No. 59

County of Derby Observer S.B. Winter B.E.

River Basin 6 - Derwent. Derwent Valley W.W.

Gol. Iron Rain Gauge, by Casella  
 1911.24 [ 5.02  
 Snowdon 5.00  
 reading 4.98  
 Standard 4.98

Glass h + 2 correct  
 $at 50 + .30 + .10.$

Diameter ...	5										
Height .....	1	0									
Altitude ...	540										1930.
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	5.45	6.42	4.87	3.91	2.34	2.76	2.73	2.80	8.01	2.26	5.43
February ...	3.97	4.42	4.30	6.70	1.33	3.67	1.54	1.58	5.30	.61	1.34
March .....	2.66	3.04	2.62	1.94	.89	1.72	1.50	4.47	2.70	.55	3.58
April .....	4.89	1.63	4.06	2.96	1.94	1.83	1.29	4.48	1.45	1.27	4.17
May .....	3.79	1.49	.79	3.83	3.71	3.19	2.05	1.32	1.18	2.51	2.02
June .....	3.24	.21	2.11	.88	1.44	.04	1.70	5.23	4.30	1.39	3.52
July .....	5.03	.91	4.02	4.63	3.37	1.42	2.43	2.47	1.20	2.65	4.89
August .....	1.21	4.72	7.16	4.30	2.90	2.06	2.81	4.71	4.06	3.22	4.34
September...	1.98	.94	3.61	3.51	3.13	0.08	2.00	5.87	.57	2.02	5.05
October.....	2.61	2.18	1.83	3.18	3.41	2.80	2.76	3.35	5.34	4.64	5.80
November...	1.16	2.19	2.02	6.14	1.53	2.33	2.09	4.84	7.39	7.56	4.15
December...	3.75	5.76	4.53	3.67	1.40	2.75	1.84	2.29	3.38	8.59	4.27
TOTALS...	39.94	29.91	41.90	40.65	27.39	27.65	24.74	43.41	44.88	37.27	48.56

Inspected 20. viii. 21. S. enclosed in fence 3 ft high 2 yds at nearest point to S.

Situated in grassland about 100 yds N of Hollesly Bridge and between road & stream.  
 New dam to be built here may have influence on position. Not very sheltered.

1925. Not printed. Low.

1926. Checked installed 1/3/26 f 660619/26. & agrees within .5 in per annum Enc 28C. f 660619/26

1926. A. S. - doubtful accuracy.

1930. Terminated & replaced by No 599, see next sheet. Enc 32A f 660619/26.

Note possibly 1-2" low. see f 660619/26

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Yorkshire Bridge Weir No 59A.County of Derby.Observer S.B. Winter Cog. G.E.River Basin 6 - Trent - Derwent.

5' Rain Gauge, by.....

Diameter .....							5"			
Height .....							1.0'			
Altitude .....							4540			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January .....							-	3.19	8.50	2.43
February .....							-	1.65	5.49	.67
March .....							2.37	4.52	2.84	.59
April .....							1.71	4.55	1.55	1.37
May .....							2.50	1.31	1.21	2.65
June .....							2.41	5.17	4.42	1.46
July .....							2.87	2.35	1.27	2.79
August .....							3.72	4.77	4.17	3.42
September .....							2.46	6.01	.60	2.17
October .....							4.13	3.44	5.55	5.03
November .....							4.53	4.90	7.84	8.21
December .....							2.78	2.47	3.55	9.51
TOTALS .....							imp	44.33	46.99	40.30
										51.50

Values 1926-30 received 30/3/31.

To be taken as standard &amp; to replace No 59, see Enc 31A f 660679/26.

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	Parish Church.	Distance from gauge

RAINFALL at Bamford (Yorkshire Br. Weir) 59<sup>N</sup>

B(1937) 31

County of Derbyshire

Observer S. B. Winter F.C.E.

River Basin Trent-Derwent

District Valley Water Board (953)

Type of Gauge

Annual Average 36.7 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S

660679/26 370241/34

Diameter	5										
Height	10										
Altitude	540										560
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	6.09	4.29	2.59	3.83	2.79	3.78	6.27	4.74	6.82	3.74	44.94
February	5.78	5.57	5.06	3.32	6.63	3.47	7.12	2.13	2.59	2.30	35.97
March	3.14	2.54	2.88	3.69	1.59	2.99	3.23	1.21	3.40	2.81	24.88
April	5.40	4.99	1.45	2.97	3.18	1.46	2.31	1.49	2.44	3.20	28.09
May	2.29	4.86	1.62	1.97	1.40	1.99	2.81	2.90	1.91	1.09	21.84
June	4.22	1.03	2.65	1.12	3.17	2.23	1.49	2.94	2.39	.71	22.95
July	4.26	4.29	2.33	2.82	1.41	4.23	3.50	4.63	6.87	3.14	37.58
August	6.62	1.82	.90	2.74	1.75	2.01	1.50	1.66	2.43	1.23	22.66
September	5.00	2.74	1.59	2.92	6.05	5.06	1.25	2.70	2.07	2.86	32.24
October	1.54	6.51	5.97	4.90	7.74	5.46	3.34	6.55	4.15	4.42	50.38
November	5.24	3.59	3.15	2.34	7.03	4.73	1.81	5.57	7.52	8.52	49.50
December	2.10	1.76	.58	5.82	4.42	4.54	4.56	5.03	2.37	4.31	35.49
TOTALS	48.88	38.99	30.77	35.21	46.16	43.05	39.19	40.55	45.36	38.33	406.52

N.B. Inspected 4/30. Plain. Two gauges in a smaller fence to be abandoned forthwith.  
 1937 gauge moved 500' SSE in Jan, 1936

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. 2690

## RAINFALL at Bamford (Yorkshire Br. Wm) N° 598. ✓ 41

County of Derbyshire.

Observer Derwent Valley Water Board.

River Basin Trent-Derwent. b

Type of Gauge.

Annual Average 36.7 in. based on 24 years obs. un-weighted. Period of average 1881-1915. Ref. S

Note Totals, mostly bigger than 2683 though Av. 2416. File No. 1660619/26

Diameter	5"		106	584							
Height	1' 0"				1						
Altitude	560'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means T. 9840
January	4.22	4.50	5.65	6.01	4.41	5.78	3.49	9.53	2.47	1.98	48.04
February	4.76	1.79	3.64	2.72	4.61	6.95	(3.50)	3.07	2.84	6.23	39.81
March	(6.35)	2.16	1.61	.57	1.10	1.73	(6.82)	1.59	2.09	1.14	25.22
April	3.02	2.26	2.19	2.72	2.22	1.54	3.63	2.13	4.31	4.17	28.79
May	3.10	4.08	2.91	3.84	2.95	2.82	2.98	1.75	2.66	1.64	28.73
June	.68	.98	2.28	2.86	3.75	3.64	2.72	4.33	.80	1.48	23.52
July	3.99	3.63	1.53	3.30	1.71	3.50	2.41	1.31	2.69	2.65	26.72
August	4.45	3.33	3.11	2.83	2.12	3.90	.51	4.57	2.09	3.31	30.22
September	.39	2.58	3.91	4.52	1.79	5.79	1.63	2.00	1.40	5.20	29.21
October	5.16	4.99	2.52	4.20	6.98	1.06	1.01	2.25	4.11	1.88	34.16
November	3.87	1.52	3.72	6.98	.43	8.79	5.40	2.06	6.37	5.65	44.79
December	2.37	(3.60)	1.94	3.42	3.03	4.57	5.49	3.97	6.79	2.51	37.99
TOTALS	42.36	35.42	35.67	44.27	35.10	50.07	39.59	38.56	38.32	37.84	397.20

1941. March est'd. 1042 Dec'd by observer.

30004

10004 00014

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. 2690

T.F. 26

RAINFALL at BAMFORD (YORKSHIRE BRIDGE WEIR) 593 51  
 County of DERBY Observer DERWENT VALLEY WATER BGS  
 River Basin TRENT - DERWENT - 6  
 Type of Gauge Snowdon

Annual Average 36.7 in. based on 24 years obs. un-weighted. Period of average 1881 - 1915 Ref. S  
 " " 41.31 " 30 " WITHIN 1927-57 " " " 1916 - 1950 S  
 File No. 370241/34

Diameter ...	5"		106	584							
Height ...	1' 0"				1				11"		
Altitude ...	560'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	4.01	5.19	1.93	4.60	2.69	1.71	2.88	4.34	4.40	6.25	44.00
February ...	5.42	1.51	2.49	3.02	2.86	1.44	2.95	7.08	.25	2.48	29.50
March ...	5.76	2.04	2.77	2.66	(4.43)	1.86	3.34	2.82	2.02	2.54	30.23
April ...	2.15	2.92	3.29	.70	1.49	2.12	.33	1.15	3.71	2.10	19.96
May ...	2.97	3.03	2.40	3.39	4.95	.64	1.32	3.50	1.33	1.95	25.48
June ...	1.35	2.03	3.03	2.57	3.46	3.66	1.61	4.30	1.96	1.25	25.22
July ...	1.70	1.86	3.78	3.90	1.64	1.21	3.54	6.22	2.47	4.80	37.12
August ...	4.41	2.32	4.29	6.22	.70	6.58	7.38	4.39	.54	3.53	40.36
September ...	2.33	5.23	2.17	4.61	1.79	4.60	6.71	4.10	.05	4.38	35.87
October ...	.94	7.53	2.22	5.38	3.37	2.82	3.03	3.58	2.87	6.65	38.39
November ...	12.74	3.55	2.65	6.86	2.56	1.86	2.72	1.03	4.82	5.42	44.21
December ...	6.04	4.07	1.78	7.28	6.56	4.86	4.72	5.48	6.21	4.85	50.85
TOTALS ...	49.82	41.28	32.80	51.19	35.50	46.25	40.53	47.99	30.63	46.20	421.19
	d	d	d	d	d	d	d	d	d	d	

1955 Max. amounted 510.3, Engg. agreed.

10004

July. 1958 6.80K. Leak at junction of d. tube & funnel. Tree 65', 110' HHE satisfactory  
explosive. No leaking on Sundays.

1958 from until 2019. Leak at junction of tubes and funnel removed.

(43)

Position of Station on Ordnance One-Inch map :	No. of Map	111	National Grid Reference			
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 1926	V d 33-40	✓	✓	