

# RAINFALL AT *Bideford Water Works*

80

Lat. ....

Lon. ....

County of *N Devon*

Rain Gauge, by .....

Observer *Baldwin Latham Esq F.R.S.*

**Torrige - 3**

Diameter ....									5		
Height .....									1.0		
Altitude ....									335		
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....									1.54	1.95	
February ....									1.10	3.20	
March. ....									3.94	3.26	
April .....									.95	1.27	
May .....									1.56	2.84	
June .....									2.73	1.23	
July .....									4.64	3.53	
August .....									3.36	2.87	
September....									1.29	1.39	
October ....									1.71	5.12	
November....									7.08	2.92	
December ....									4.51	2.30	
TOTALS ....									34.31	31.88	

# RAINFALL AT *Bideford Water Works*

Lat. ....

Lon. ....

County of *N Devon*

Rain Gauge, by .....

Observer *Baldwin Latham Esq C.E.*

*Torrige - 3*

Diameter ....	5											
Height .....	10											
Altitude ....	335 <del>ft</del>				235 <del>ft</del>	335 <del>ft</del>						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.69	3.29	2.10	2.47	3.38	3.87	1.39	2.13	1.09	8.37	3.278	
February ....	1.12	.07	2.39	4.62	2.69	.26	.89	5.82	1.87	3.94	2.367	
March .....	1.58	1.23	.89	.99	3.45	3.24	3.40	4.58	1.14	1.31	2.181	
April .....	2.99	1.77	2.00	.33	1.97	1.81	1.04	4.49	1.70	2.84	2.094	
May .....	2.52	3.70	1.68	2.01	3.51	.50	.20	1.30	4.27	3.75	2.344	
June .....	2.65	2.03	2.04	.83	2.07	1.37	1.36	2.12	2.43	1.15	1.806	
July .....	3.18	3.27	4.93	7.03	3.68	4.42	1.50	2.93	.72	1.51	3.317	
August .....	4.05	6.52	4.49	2.43	3.57	4.07	1.78	4.39	3.15	1.95	3.640	
September ....	1.43	3.47	4.32	2.96	2.09	.79	7.23	6.21	1.40	3.57	3.317	
October .....	2.55	7.87	6.46	5.50	5.95	6.64	3.84	1.64	8.42	4.47	5.334	
November ....	4.35	3.46	2.50	1.38	7.48	7.29	1.46	2.35	3.02	3.59	3.685	
December ....	2.62	4.94	2.27	5.23	3.65	4.22	7.25	6.45	4.33	4.44	4.540	
TOTALS ...	33.73	41.62	36.07	35.78	43.49	38.48	31.34	44.41	33.54	40.89	34.995	

# RAINFALL AT *Bideford Hamerton W.V.*

Lat. ....

Lon. ....

County of *Devon North*

Rain Gauge, by .....

Observer *Baldwin Latham Esq. C.E.*

*Torridge - 3.*

Diameter ..	5											
Height ....	10											
Altitude ..	335K											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	5.54	2.62	2.93	4.82	4.94	1.88	6.91	1.76	1.84	2.32	3.55	6
February ..	4.97	1.53	1.68	2.80	5.47	1.44	5.00	1.87	2.18	.36	2.73	0
March ....	1.23	2.22	2.93	5.87	1.42	5.32	1.89	1.23	3.64	5.47	3.12	2
April .....	.88	3.76	1.58	2.32	1.67	2.37	1.35	4.65	2.26	2.42	2.32	6
May .....	1.69	1.18	1.72	3.41	2.93	.52	3.18	2.73	1.74	1.34	2.04	4
June .....	2.71	3.09	4.35	1.29	1.43	3.55	1.80	3.25	1.66	.92	2.40	5
July .....	.66	2.13	2.68	3.46	4.13	1.90	1.01	2.04	1.91	1.75	2.16	7
August ....	3.03	1.95	2.53	4.55	2.87	5.02	2.68	2.56	3.61	1.41	3.02	1
September ..	1.48	4.61	3.13	5.05	3.00	2.25	1.03	.78	2.12	2.90	2.63	5
October ....	4.89	4.01	3.99	12.12	3.06	3.22	6.27	6.46	1.16	6.44	5.16	2
November ..	5.58	1.70	4.83	3.57	4.39	5.71	3.39	3.08	1.55	1.21	3.50	1
December ..	6.46	6.96	3.26	5.31	3.79	1.77	3.78	5.09	4.19	5.03	4.56	4
TOTALS ..	39.12	35.76	35.61	54.57	39.10	34.95	38.29	35.50	27.86	31.57	37.23	3

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*H. B.*



RAINFALL at Bideford Lamerton W.W.County of North DevonObserver Baldwin Latham Esq. C.E.River Basin Tarridge 3

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

Diameter ...	5										
Height .....	1 0										
Altitude ...	335 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.72	1.72	3.91	5.88	1.73	3.98					
February ...	5.60	1.99	2.45	1.76	4.14	6.32					
March .....	.45	2.06	5.83	5.25	5.45	.80					
April .....	2.38	2.08	.09	4.98	1.73	1.39					
May .....	1.67	1.10	1.77	3.02	1.37	2.69					
June .....	2.75	2.80	8.80	2.12	1.99	1.17					
July .....	3.23	.43	4.43	.51	4.96	3.92					
August .....	4.12	2.95	8.66	1.39	4.85	1.93					
September ..	.17	3.12	1.02	1.99	2.55	1.21					
October ...	5.50	4.35	5.40	4.74	3.45	3.92					
November ..	6.13	5.58	2.80	5.66	4.65	3.37					
December ...	6.48	8.67	6.04	3.68	8.85	9.10					
TOTALS ...	42.20	36.85	51.20	40.98	45.72	39.80	N.R.				

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

RAINFALL at Bammaton Reservoir (Old Gauge 1930)County of N. DevonshireObserver R. E. Hookway Esq.  
and/or: Surveyor Bideford Borough Council  
(1930) J. R. Gray Esq.River Basin Corridge - 3Sumner Rain Gauge, by \_\_\_\_\_

Old Gauge

Diameter ...					6			5			
Height .....					0.8			0.11			
Altitude ...					306			350			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...				2.02	3.28		4.38	4.11	4.66	1.31	5.46
February ...				6.00	67		1.81	1.44	2.86	.96	1.25
March .....				1.59	1.28		27	1.82	2.81	32	2.02
April .....				1.98	2.10		1.67	1.80	1.38	.48	1.81
May .....				1.79	3.49		.75	.82	.85	2.60	1.45
June .....				.62	1.84		1.27	2.23	2.50	2.08	.56
July .....				4.10	3.72		1.27	3.13	1.49	2.12	4.16
August .....				2.57	3.37		1.82	4.36	2.35	3.24	3.19
September...				2.32	4.17		.90	6.65	.87	.72	4.32
October .....				4.41	3.88		2.45	2.20	6.52	7.60	3.84
November...				3.02	2.06		5.91	3.06	3.63	10.60	3.28
December...				3.19	3.64		.64	2.22	4.34	9.57	3.45
TOTALS...				33.61	33.20		23.14	33.84	34.26	42.70	34.79

1924. Not printed too low.

1926. Total low. observer found leak and repaired same on 1/6/27 see  
encl 2A File 76976/27

1927 low up.

1928

do by rain  
Observer agrees to build high wall.  
Wood fence 4' 6" high 5' 9" E  
Stone pier 2' high 37' W  
New g set up July 1929.1929. The rainfall readings for 1929  
are said to be from old gauge  
but some change either the gauge  
or exposure occurred at end June 1929  
for which the values for 1-June 30  
are too low, they are reasonable from  
July 1-Dec 29.  
1929 N.P.  
1930. low N.P.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	Parish Church.	Distance from gauge	Direction
1923			Bideford	1 1/2 m.	S.E.	St Mary's	1 1/2 m.	S.E.
1928			"	2 1/2 m.	N.W.	Bideford	2 3/4 m.	N.W.

RAINFALL at Gannaton Reservoir NEW GAUGE.County of N. DevonshireObserver F. R. Gray Esq. (Borough Surveyor)River Basin Lorridge - 3Snowdon Rain Gauge, by N. Gauge.

Diameter .....												5
Height .....												1.0
Altitude .....												350
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January .....												6.15
February .....												1.40
March .....												2.58
April .....												2.55
May .....												1.93
June .....												.63
July .....												4.60
August .....												4.63
September .....												4.99
October .....												4.98
November .....												4.00
December .....												4.91
TOTALS .....												43.35

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	Parish Church.	Distance from gauge	Direction



RAINFALL at Bideford (Gammalen Res.)County of North DevonshireObserver Borough Surveyor.River Basin Torridge - 3.Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.

769761127

Diameter	5.										
Height	1.0.										
Altitude	350.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.10	4.14	2.90	3.78	79	4.68	5.10	4.67	6.12	32.9	38.57
February	2.47	.02	3.15	.02	3.24	2.56	8.48	1.07	1.60	4.02	26.93
March	1.67	1.74	2.95	2.60	1.36	2.54	3.65	.25	1.54	2.48	20.78
April	2.78	1.90	1.68	2.51	4.03	2.40	3.06	.13	2.03	2.98	23.50
May	3.74	2.94	2.57	1.59	1.65	.76	1.94	2.01	1.02	1.28	19.50
June	3.58	1.19	1.22	1.93	2.80	2.06	1.11	1.73	1.40	.62	17.64
July	4.89	3.08	2.11	3.11	.52	7.33	1.96	2.85	4.90	4.19	32.17
August	4.52	1.64	1.46	4.69	2.97	.40	1.29	6.07	3.65	.19	26.88
September	1.73	4.39	1.77	3.20	4.46	2.54	3.36	.82	.59	1.51	24.37
October	1.04	9.25	5.39	3.15	6.25	1.41	2.65	5.77	3.40	3.67	42.48
November	7.27	3.01	1.16	1.82	5.36	4.26	1.82	5.60	6.84	7.18	44.32
December	2.05	2.93	2.26	7.98	3.52	4.18	4.02	3.95	2.08	2.84	35.81
TOTALS	38.84	36.23	28.62	33.91	36.95	35.12	38.24	34.92	35.67	34.25	352.95

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

RAINFALL at Bideford (Station No. 1862)  
 County of North Devon Observer Borough Summary  
 River Basin Tenridge - 3  
 Type of Gauge Standard

41

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

File No. 74261/27

Diameter	5"				390	408						
Height	1' 0"											
Altitude	350'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	7 Means	
January	4.12	4.17	6.51	2.27	3.13	3.80	4.46	7.10	1.39	1.27	38.52	
February	4.20	23	2.31	58	3.16	2.75	50	1.53	1.61	5.61	22.48	
March	2.71	2.62	1.26	20	1.39	1.95	6.90	1.51	1.99	1.63	21.16	
April	.82	1.72	.65	2.33	1.01	2.21	2.87	2.15	2.31	1.84	17.91	
May	1.84	5.08	3.76	.77	3.90	3.86	2.85	2.85	2.09	1.76	28.76	
June	1.14	.29	1.66	2.83	3.04	3.61	3.64	2.19	.36	1.79	20.60	
July	1.50	2.96	2.05	2.47	4.15	2.76	2.09	1.98	2.48	3.28	25.72	
August	4.63	2.86	2.76	3.31	1.85	5.46	59	4.07	1.94	6.93	34.40	
September	.37	3.40	6.51	3.61	1.86	4.71	1.81	2.26	3.02	5.90	33.45	
October	2.19	3.26	4.01	5.66	4.30	1.89	1.60	4.62	8.46	1.31	37.28	
November	1.87	1.06	2.71	6.88	.79	5.74	3.39	1.84	4.78	6.82	35.88	
December	3.30	4.87	2.25	3.15	6.53	4.92	3.03	5.38	2.28	3.86	39.57	
TOTALS	28.69	32.32	36.44	34.06	35.16	42.66	34.03	37.48	32.69	42.00	355.73	
	D	D	D	D	D	D	D	D	D	D		

1942 Gauge situated on open ground.  
 1945 Gauge tested & found sound. (4.1.52 second one)

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.
1943			Bideford S.R.	2m.	N.W.	Bideford	2m.	N.W.



Station No. 1862

RAINFALL at Bideford (Gannaton Reservoir)

51

County of N. Devon

Observer Borough Surveyor

River Basin Torridge - 3

Type of Gauge Snowdon

Annual Average 50.6 in. based on 6 years obs. un-weighted. Period of average 1916-50 Ref 5

" 36.65 " 27 " 1916-50

File No. 769.761/27

Diameter ...	5"				390	468					
Height ...	1' 0"										
Altitude ...	350'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.01	3.48	.98	1.98	6.39	4.55	2.69	5.59	4.88	4.13	37.68
February ...	4.44	1.44	1.86	4.07	3.33	.58	5.46	4.35	.26	2.35	29.14
March ...	4.14	3.11	1.11	3.43	1.37	.86	3.57	.76	3.84	1.85	24.04
April ...	2.35	3.76	2.39	.37	1.64	2.03	.20	.91	2.33	3.19	19.17
May ...	2.88	2.92	3.75	2.59	3.70	1.00	2.77	3.39	1.23	1.62	25.85
June ...	1.06	1.88	1.43	3.22	3.59	2.03	1.93	3.09	1.13	1.05	20.41
July ...	2.28	1.19	5.44	3.75	1.35	4.27	2.98	3.35	2.08	4.79	31.48
August ...	4.58	6.95	3.04	3.17	.32	3.39	3.42	4.35	1.93	4.67	35.82
September ...	2.93	3.84	3.82	4.02	1.78	5.42	4.61	4.92	.20	5.51	37.05
October ...	2.01	5.31	2.81	4.82	3.08	2.29	4.04	4.38	4.81	7.88	41.43
November ...	5.03	4.69	2.78	7.89	2.97	1.32	2.36	3.10	8.11	6.61	44.86
December ...	4.24	4.03	1.33	2.80	6.52	4.37	2.24	3.95	8.10	6.13	43.71
TOTALS ...	40.95	42.60	30.74	42.11	36.04	32.11	36.27	40.14	38.90	50.78	390.64
	D	D	D	D	D	D	D	D	D	D	

1951 gauge on open ground

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 21482253

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Bideford	2 m.	N.W.	Bideford	2 m.	N.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1930	✓	✓	
		✓	✓	✓	