

RAINFALL AT Bickley Roborough Reservoir

Lat.

Lon.

County of Devon

Rain Gauge, by

Observer E Sandeman Esq C.E.

Tamar &amp; Co -2

Diameter .....	5										
Height .....	10										
Altitude .....	550 ft										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....											
	(2.68)	3.74	5.26	5.56	1.59	3.34	1.65	6.02			
February .....	3.39	7.23	3.50	.05	.98	4.95	1.82	5.65			
March .....	1.41	.36	2.99	3.95	4.83	5.12	1.89	1.27			
April.....	1.48	.72	3.29	3.78	.53	4.31	2.58	4.60			
May .....	1.63	1.62	3.51	.91	.05	2.14	4.08	3.23			
June.....	1.97	1.35	2.96	2.28	1.88	2.56	2.61	1.74			
July .....	2.08	6.44	4.46	5.03	2.86	1.43	.58	1.88			
August .....	4.78	2.12	2.87	4.63	2.07	6.22	4.38	1.82			
September....	3.52	3.32	2.33	.56	6.84	3.48	2.29	2.44			
October.....	5.22	4.37	6.04	4.20	4.24	1.54	7.30	2.83			
November .....	3.86	2.39	9.31	7.68	1.53	2.53	4.49	4.12			
December .....	2.50	6.64	6.09	6.35	10.55	8.52	6.11	4.61			
TOTALS .....	34.52	40.31	52.61	44.98	37.95	46.14	39.78	40.21			

1892 Bickleigh 1/2 Miles E

Amount for first 20 days computed

RAINFALL AT Bickley Roborough Reservoir

Lat.

Lon.

County of Devon

Mountain Rain Gauge, by N.Y.C.

Observer F. Howarth Esq C.E.

Tamar and Co. - 2

Diameter ..	5										
Height ....	10										
Altitude ..	550 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.69	3.10	2.49	5.25	7.74	2.46	8.42	2.16	2.58	2.37	4.426
February ..	7.20	1.28	2.58	2.64	7.14	1.48	5.55	3.04	3.26	.62	3.479
March ....	2.55	2.98	3.29	7.21	2.55	6.25	1.75	1.42	4.79	6.69	3.948
April .....	2.40	4.45	2.28	2.09	2.38	3.41	1.27	6.11	3.28	2.93	3.050
May .....	2.35	2.10	2.04	2.93	3.90	.98	5.15	4.03	2.79	1.37	2.764
June .....	4.62	2.04	3.59	1.51	1.65	2.91	1.73	3.62	.78	3.89	2.584
July .....	2.06	1.63	2.65	5.45	6.79	1.02	2.03	2.00	2.98	4.89	3.150
August .....	3.88	2.78	3.66	4.99	3.63	5.43	3.65	2.61	4.38	2.34	3.735
September ..	1.85	5.08	2.34	5.66	3.32	1.58	1.43	2.19	2.98	1.55	2.798
October .....	2.88	3.11	3.72	10.30	2.80	2.30	6.60	8.06	2.55	9.12	5.144
November ..	5.45	.66	7.72	3.07	2.66	7.41	4.11	4.57	2.27	1.53	3.945
December ..	7.00	8.60	4.82	6.22	5.69	2.07	4.13	6.17	5.05	7.99	5.774
TOTALS ..	49.93	37.81	41.18	57.31	50.25	37.30	45.82	45.98	37.69	44.79	44806 564

Bickleigh

1903 St Mary's Church 1 1/4 miles E.S.E.

Bickleigh Station 1/2 E.S.E.

Cottage 170 yards S.S.W.

Hull

RAINFALL at ~~Dickley~~ Roborough Reservoir

County of South Devon

Observer F. Howarth Esq C.E.

River Basin Tamar &amp; C 2

Rain Gauge, by

Diameter ...	5											
Height .....	10											
Altitude ...	548 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals
January ...	6.34	2.07	5.33	9.89	2.11	4.96	3.45	2.27	4.94	7.50	48.88	164.9
February ...	6.63	5.48	6.37	1.81	7.84	10.17	6.64	1.89	3.98	6.12	54.43	185.3
March .....	1.02	3.97	7.74	5.57	9.10	1.57	2.91	3.59	2.84	6.81	45.12	16.15
April .....	3.52	2.75	.31	5.85	2.46	1.89	2.17	1.93	1.45	3.16	25.49	8.71
May .....	3.02	1.89	2.24	4.19	2.32	3.40	1.96	2.69	1.46	2.84	26.01	8.95
June .....	1.99	3.17	6.18	1.41	1.67	1.87	3.06	3.79	1.92	1.12	26.18	9.89
July .....	4.06	1.27	3.32	.37	7.30	5.17	1.97	2.81	4.88	1.82	32.97	11.48
August.....	6.84	3.77	11.39	1.30	3.19	2.50	4.69	6.23	2.92	3.89	46.72	17.73
September ..	3.38	2.76	1.99	2.43	3.08	1.20	2.40	2.61	8.48	2.96	28.29	10.45
October ...	7.43	5.32	6.05	4.56	3.05	6.04	8.15	6.89	3.78	2.50	53.77	21.32
November ..	5.63	6.06	3.50	6.48	4.74	3.92	7.77	2.71	4.49	4.53	49.83	19.50
December ...	9.65	12.01	7.59	3.53	11.78	12.15	4.23	1.71	9.18	9.21	81.04	24.33
TOTALS ...	56.51	48.52	62.01	47.39	58.14	54.86	49.40	39.12	50.32	52.46	518.73	191.30
	3	2	2	2	2	2	2	2	2	2	2	2

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

RAINFALL at Bickley (Roborough Reservoir)County of South Devon. Observer F. Howarth Esq., C.E.

River Basin

2

Rain Gauge, by

Diameter ...	5'										
Height .....	1.0	x	0								
Altitude ...	548	x									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	9.29	6.73	7.07	3.36	7.48	5.78	7.52	6.37	9.16	3.58	8.82
February ...	1.48	1.40	4.76	11.07	2.71	6.45	2.63	3.85	4.51	2.48	1.97
March .....	5.35	3.22	4.21	3.26	2.70	.78	1.65	1.91	1.61	.84	3.43
April.....	5.32	1.72	4.20	4.31	5.01	3.75	3.00	2.65	1.61	.82	4.11
May .....	2.42	3.58	2.01	3.16	6.24	5.62	2.64	.67	1.58	4.30	2.59
June .....	2.60	.09	1.18	.86	2.85	.01	3.40	3.80	3.32	2.47	1.73
July .....	6.83	1.40	6.26	1.13	6.29	3.54	1.49	5.94	2.67	2.57	3.61
August.....	2.13	3.59	3.48	4.00	5.22	4.88	2.32	4.83	2.19	5.42	5.21
September...	2.74	1.25	3.77	3.76	6.25	5.91	.94	7.34	1.67	.77	5.61
October.....	4.82	1.53	2.34	7.64	8.78	6.31	2.86	5.08	8.90	8.13	6.59
November...	3.43	5.50	3.69	4.04	5.62	4.83	10.58	5.41	6.31	17.00	8.45
December...	7.47	2.39	9.29	6.37	7.43	6.71	1.02	4.68	5.22	10.59	5.83
TOTALS...	53.88	30.40	53.26	52.96	66.58	54.57	40.05	55.53	54.25	58.97	57.85
	0	0	0	0	0	0	0	0	0	0	0

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

## Bickley (Roborough Reservoir)

County of South Devonshire

Observer F. Horworth, Esq. C.E.

River Basin Tamar &amp; C - 2

A. Atkinson Esq. C.E.

Type of Gauge.....

Annual Average + 6.2 in. based on 35 years obs. - weighted. Period of average 1881-1915 Ref. Survey 660608/26.

Diameter	5'										Total Means
Height	1.0										
Altitude	568										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	5.08	7.12	3.34	5.20	1.15	7.05	7.52	7.35	7.97	3.20	5498
February	4.48	1.01	4.71	2.22	5.03	5.36	10.10	1.96	2.94	6.68	4149
March	1.74	2.78	5.07	4.27	1.14	5.03	5.86	1.49	1.92	4.57	3287
April	3.56	4.43	4.63	3.13	5.67	2.29	4.04	1.18	2.78	3.34	3405
May	4.89	5.83	2.15	1.72	2.28	4.7	3.74	4.92	1.47	1.78	2875
June	5.34	4.54	2.33	2.49	5.90	2.35	1.69	1.56	3.48	.78	3066
July	6.66	4.18	3.56	1.96	1.70	8.29	3.28	4.23	8.06	3.54	4446
August	4.89	2.02	2.37	4.30	2.90	1.91	1.18	4.90	3.97	1.14	2778
September	2.43	5.92	1.68	5.20	5.98	3.64	4.42	3.01	1.49	1.98	3475
October	1.31	9.39	4.42	4.66	7.78	2.09	5.06	6.03	5.73	4.92	5139
November	9.45	4.10	2.01	1.50	9.92	4.50	3.69	10.27	9.93	9.79	6516
December	2.80	4.55	2.58	18.38	6.31	6.07	5.16	5.68	3.91	5.64	6108
TOTALS	52.13	54.87	39.25	53.03	54.76	48.05	55.74	50.58	52.65	46.36	50742
	D	D	D	D	D	D	D	D	D	D	900

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 1691

## RAINFALL at Bickleigh (Roborough Reservoir)

41

County of South Devonshire Observer A. Atkinson Esq. C.E.

River Basin Tamar + S. E.

N.G. Elliott Esq. C.E. (1945)

Type of Gauge

Annual Average 46.2 in. based on 35 years obs. unweighted. Period of average 1881 - 1915 Ref. 5

File No. 660608/36

Diameter	5"			368	835						
Height	1' 0"										
Altitude	548'										
Year	1941	1942	1943	1944	1945	1946 1945	1947 1947	1948	1949	1950	Means
January	5.04	6.99	9.09	4.58	2.96	5.77	5.95	10.05	1.95	1.99	Totals 54.37
February	6.21	3.31	2.43	1.35	4.72	4.05	1.12	2.09	2.25	8.26	32.79
March	3.68	5.22	1.43	1.16	2.06	2.86	8.81	2.47	1.86	3.83	32.38
April	7.82	2.29	1.45	3.09	1.04	1.73	3.61	2.46	2.59	2.37	21.44
May	2.96	7.46	4.51	1.72	3.54	5.22	3.19	2.28	4.87	1.63	36.38
June	2.98	7.75	2.07	3.96	6.29	5.62	4.12	2.81	1.26	1.54	31.40
July	9.23	3.09	2.83	4.75	3.55	2.34	3.97	2.09	2.61	5.76	31.21
August	6.63	5.86	4.30	3.48	3.41	6.18	1.16	4.99	2.32	7.81	46.14
September	5.50	4.44	4.55	3.13	3.24	8.68	2.85	3.23	3.56	8.16	42.34
October	2.40	3.13	5.76	6.94	5.66	4.06	2.02	5.76	10.68	2.92	49.33
November	3.29	1.15	3.00	11.09	.76	8.74	3.83	3.26	7.25	8.45	50.82
December	4.63	8.41	4.50	5.22	7.66	7.29	4.02	2.69	2.63	5.29	57.34
TOTALS	40.02	49.10	45.92	48.47	11.89	62.54	44.65	49.18	43.73	58.01	626.51 49.61

1941. Jan. cold for snow

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

Reference No. 25-504630

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

Station No. 1641

## RAINFALL at Bickleigh (Rotherough Res.)

County of S. Devon

Observer N. G. Eliot Esq. C.E.

River Basin Tamar, C-2

Type of Gauge Standard

Annual Average 46.2 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. S  
 50.39 1916 - 1950 P  
 File No. 660.608/26

Diameter ...	5"				368	835					
Height ...	1' 0"										
Altitude ...	548'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.46	5.12	1.59	2.45	6.40	5.43	5.26	6.57			
February ...	5.53	.89	2.09	5.89	4.30	.45	6.82	5.28			
March ...	5.70	5.95	1.11	5.52	1.86	1.93	6.54	2.35			
April ...	2.56	4.37	3.01	.68	2.01	1.14	.22	1.01			
May ...	3.79	3.15	4.96	3.77	4.59	1.28	2.71	4.64			
June ...	1.19	1.43	3.40	5.00	3.18	3.26	2.08	4.82			
July ...	2.04	1.56	4.95	4.67	1.72	4.79	4.67	4.13			
August ...	7.74	6.12	2.99	4.87	.28	4.79	4.54	6.78			
September ...	6.32	2.80	4.52	6.56	2.05	7.50	5.45	7.31			
October ...	1.39	6.80	4.97	5.37	3.30	2.53	4.10	5.22			
November ...	7.80	3.37	3.93	10.60	6.69	2.44	2.89	3.57			
December ...	5.08	4.05	.95	5.04	7.98	8.21	4.13	5.75	X		
TOTALS ...	55.60	45.61	38.47	60.72	43.26	43.74	49.41	57.43			
	D	D	D	D	D	D	D	D			

1959 - Terminated - gauge withdrawn - renewals not to be used.

Hub III 1959 3.60k True 70° 20' ENE, 64° 50' SSW. 4 ft. in concrete. No bins can.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SX 504 630

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