

RAINFALL AT Broadway Kingsbridge
 N^o. Ballimore $1\frac{1}{2}$ ENE Bolt Tail
 Devon
 W. of Salcombe.

Rain { By.....

Gauge Diameter $\frac{5}{8}$ in. Height above Ground, 3 ft. in. Above Mean Sea Level, 250 ft.

~~1866-56~~ Elm & C - 3

YEAR.....					1866	1867	1868	1869	MEANS.
January					6.80	5.20	4.40	4.74	
February					3.55	1.29	1.57	3.64	
March					3.45	5.15	.97	2.37	
April					2.58	1.38	3.42	.93	
May					2.29	3.82	1.89	4.75	
June.....					1.74	.28	.60	.45	
July75	3.32	.49	.52	
August					3.44	1.15	4.26	.52	
September					1.64	1.77	4.67	5.29	
October.....					2.91	2.65	3.58	1.70	
November.....					2.19	.75	3.45	2.45	
December.....					3.84	.76	6.42	5.61	
TOTALS					41.58	27.52	35.72	32.97	

c c c c

In an exposed situation WB

RAINFALL AT Burton KingsbridgeObserver W. Balkwill

Rain { By.....

Gauge..... Diameter 5 in. Height above Ground, 5 ft. 1 in. Above Mean Sea Level 199 ft.

Hrm & C - 3

YEAR.....												MEANS.
January.....												186.9
February												
March												
April												3.85
May												4.06
June.....												4.00
July												4.45
August.....												4.41
September.....												4.46
October												1.44
November.....												1.77
December.....												4.56
TOTALS												

C

RAINFALL AT Kingsbridge Bolt Tail.

Lat..... Lon..... County of Devon.....

E m & C - 5 Rain Gauge, by..... Observer W. Balkwill Esq.

Diameter5										
Height	2	1	2	1						2	
Altitude	297	300	297		300	297				297	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.63	4.09	7.62	6.18	4.09	5.47	1.06	6.67	1.70	6.51	4.594
February.....	2.46	2.94	4.53	3.59	2.64	1.55	2.96	1.98	1.83	5.29	2.944
March	3.56	1.52	3.22	5.66	1.16	1.63	4.09	3.73	2.23	7.72	2.752
April	1.9	5.42	1.44	3.35	1.91	1.69	2.70	4.96	5.43	4.22	2.831
May	1.37	2.57	1.90	1.66	1.09	2.32	3.8	2.84	3.23	2.45	1.481
June.....	- .08	2.00	3.81	2.06	1.53	3.17	1.02	1.09	2.16	7.00	2.392
July	1.95	4.37	3.24	2.71	1.88	3.92	9.4	2.70	2.17	3.76	2.764
August.....	1.24	1.06	1.62	3.79	2.52	2.59	4.49	3.43	4.27	6.62	3.213
September.....	1.29	7.57	2.91	9.44	6.95	5.74	5.11	2.71	2.75	3.70	4.217
October.....	+ 3.90	4.08	5.37	2.83	5.82	6.42	3.27	2.40	2.42	1.30	3.781
November.....	2.70	1.31	4.83	4.71	3.89	4.97	6.99	5.36	2.75	1.29	3.880
December.....	3.38	2.66	5.89	4.45	6.17	8.85	9.89	2.30	2.64	1.37	3.560
TOTALS	24.75	38.89	46.38	37.38	39.65	40.32	42.90	40.17	33.58	44.23	38.795

C. C. C.

Gauge one mile from bolt tail and on the
Burton Estate

RAINFALL AT Kingsbridge Burton

Lat..... Lon..... County of Devon.....

..... Rain Gauge, by..... Observer W. Balkwill Esq.
Hrm & C - 3

Diameter	5										
Height	6	0	1	1							
Altitude	200	0									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.37	3.41	7.38								
February.....	2.25	2.22	4.50								
March.....	2.96	1.16	3.02								
April.....	1.7	4.85	1.36								
May.....	1.24	- .57	1.62								
June.....	~.08	1.84	3.67								
July.....	1.51	4.12	3.12								
August.....	1.14	1.71	1.38								
September.....	1.16	7.82	2.75								
October.....	+ 3.50	3.96	5.24								
November.....	1.79	1.26	4.46								
December.....	2.77	2.44	5.73	44.23							
TOTALS.....	20.94	35.36	44.23								

C C P .

1870 I think the reason this gauge makes the rainfall nearly 4 inches under the one at Bolt Tail, is because it is placed in a Valley, while the other is in a more or less exposed
 1873 G out of order so was discontinued

RAINFALL AT Bolt-Tail, Kingsbridge

Lat.

Lon.

County of Dorset

Rain Gauge, by

Observer G. Balkwill, Jun. Eng.H&C - 3

Diameter	5										
Height	20										
Altitude	297L										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	91	2.54	1.74		3.65	2.33	5.17	2.86	1.48	1.40	
February	3.16	3.66	1.75		4.44	3.97	1.84	.75	.79	2.46	
March	3.12	3.50	1.79		3.00	1.40	3.73	2.71	3.69		
April	83	1.40	5.00		2.22	2.62	1.89	1.00	1.56	1.24	
May	63	.60	1.13		.70	2.76	3.20	1.41	2.02	2.92	
June	147	3.34	3.22	1.73	.73	1.30	1.37	.45	2.51	.63	
July	269	1.59	2.91	2.01	3.15	.44	3.86	.74	5.00	4.92	
August	64	4.37	2.51	.68	1.23	1.25	1.74	1.53	2.59	2.58	
September	3.08	2.75	4.11	3.64	1.36	3.64	1.07	2.79	1.16	1.77	
October	6.20	3.20	2.08	2.85	1.03	5.57	6.05	3.57	1.90	6.68	
November	4.07	3.60	4.60	4.33	1.30	4.77	3.40	4.27	9.59	2.24	
December	4.84	3.67	4.67	.97	4.22	2.06	7.73	3.18	2.77	2.82	
TOTALS	3169	3422	41.51		27.03	32.02	41.05	25.20	35.06		

1880 S. Huish Ch. $\frac{1}{2}$ mile, N. by E.

1889 March Gauge tampered with.

RAINFALL AT Bolt Tail + South Etuish

Lat.

Lon.

County of

Devon

Hrm & C -- 3

Rain Gauge, by

Observer

 G. Balkwill Jr Esq
W. Balkwill Esq

Diameter	5	5	MEANS.
Height	2 0		5 . 6								
Altitude	297		220T		68T						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January	4.79	3.21	1.54	1.36	3.15	4.53	1.34	2.73	1.05	5.52	
February	1.28	.00	2.29	3.73	1.42	.10	.53	4.12	1.75	4.11	
March	1.75	3.40	.82	.39	1.56	2.93	3.43	4.31	.79	.65	
April	3.14	1.22	1.17	.98	2.14	2.15	.25	4.37	1.32	3.39	
May	1.91	3.16	.34	1.64	2.31	1.10	.05	1.57	3.23	2.42	
June	3.21	3.36	.43	.72	2.11	1.47	1.48	3.13	2.20	1.40	
July	3.18	2.51	1.34	3.95	3.83	2.84	1.06	.72	.39	.78	
August	3.52	5.81	2.77	1.55	3.55	3.39	1.27	3.71	2.35	2.15	
September75	2.83	1.29	1.92	2.64	.59	5.66	3.35	1.07	1.83	
October93	7.77	3.11	3.11	4.49	4.00	3.18	1.43	6.97	2.41	
November	3.44	4.20	1.75	2.07	5.83	6.95	1.15	1.61	3.35	3.65	
December	6.41	5.65	.74	3.71	3.46	7.02	6.93	5.89	3.75	3.71	
TOTALS	34.31	43.12		25.13	36.49	37.07	26.33	36.94	28.22	32.02	

 1890 St Huish Church 1/2 mile N ^{SW}

 1892 Sept^r Gauge moved 1/2 mile NW to South Etuish
Galmpton Church 1/2 mile S.E.

 1895 Jan^y 1st Gauge moved 3/4 mile NE

Trees 40 ft high 600 ft SE

RAINFALL AT South Huish

Lat.

Lon.

County of Devon

Howard

Rain Gauge, by

Observer W Balkwill Esq

End G.-3.

Diameter ..	5										
Height	56										
Altitude ..	687										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.40	2.72	2.20	4.14	5.95	2.13	6.06	1.63	1.42	2.23	33.98
February ..	5.98	1.43	1.77	2.05	6.20	.73	6.03	1.58	2.29	62	27.68
March ..	1.76	3.66	2.53	4.40	2.42	5.20	1.79	1.35	4.18	6.72	24.01
April ..	1.80	4.19	2.04	1.94	1.41	2.40	1.09	5.42	3.14	2.00	25.43
May ..	1.83	1.27	2.22	1.64	3.37	.51	3.75	3.59	1.97	1.01	21.16
June ..	1.69	1.31	2.49	1.31	1.11	3.60	1.48	2.34	.96	3.23	1.952
July ..	.68	1.83	1.91	3.17	5.19	.51	1.52	1.70	2.02	3.46	21.99
August ..	2.17	1.79	2.65	3.87	3.20	4.56	1.61	1.41	3.38	2.09	26.73
September ..	1.48	4.70	2.74	4.45	2.28	2.76	1.20	2.17	3.18	1.63	26.59
October ..	2.31	2.16	4.04	7.03	2.85	1.94	4.83	8.25	2.29	7.98	43.68
November ..	3.66	.56	4.78	1.83	1.93	5.19	3.93	4.42	1.60	1.55	20.945
December ..	7.04	7.43	3.11	5.28	4.09	1.59	3.24	7.85	6.30	7.19	53.12
TOTALS ..	35.80	33.05	32.48	41.11	40.00	31.12	35.53	41.71	32.73	39.71	363.24

1900 South Huish Church 1/2 mile SW

Trees 40ft high 200ft SE

1903 Kingsbridge Station 4 miles E

HHS

RAINFALL at South Huish

County of South Devon

Observer W Balkwill Esq

River Basin Exe & C 3

Howard Rain Gauge, by
Pocock in use since 1864

Diameter ...	5										
Height	5 6										
Altitude ...	68 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.69	1.45	4.63	8.88	1.28	3.71	1.57	2.00	4.17	8.36	41.76
February ...	6.59	2.27	4.55	1.34	5.00	7.63	6.98	1.50	2.06	7.01	44.93
March83	3.52	6.28	4.88	8.29	1.38	4.08	4.23	2.24	5.77	41.50
April	1.74	1.97	.29	4.00	1.53	1.45	.75	1.14	1.62	2.94	17.43
May	2.43	.80	2.33	3.02	1.70	3.78	2.42	2.52	1.70	.98	21.68
June	1.58	1.81	5.30	1.25	1.46	2.21	2.26	2.76	1.10	.99	20.72
July	3.12	1.16	3.05	1.08	3.90	4.44	.99	2.43	4.44	1.96	26.57
August	3.75	.90	8.71	1.24	3.00	1.49	3.99	5.96	1.92	3.54	34.50
September ..	.25	2.88	1.81	3.06	3.59	1.42	2.18	2.81	7.73	1.77	27.50
October ...	7.75	5.90	5.86	3.14	4.06	5.92	7.48	6.24	2.75	1.23	50.03
November ...	6.52	5.25	3.43	4.48	4.96	3.05	7.23	2.29	3.31	3.62	44.14
December ...	8.49	10.35	6.77	2.78	10.77	9.97	6.81	1.30	5.26	6.49	68.99
TOTALS ...	48.74	38.26	52.71	39.15	49.54	46.45	46.74	35.18	38.30	44.68	439.75

1910 Tues 46 Feb high 200 ft SE

Inspected V. old & battered Howard, bent rim, average diam. 5.05. Glass broken but
 S. VIII-12 0-30 perfectly correct. On turf wall about 4ft high. q. in wooden box.
 Suggested removal to garden but obs. unwilling. This is the same q. as was
 originally at Burton, near Hope Gap.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Kingbridge	4 mil.	E	S Huish	1/2 mil	SW

RAINFALL at St. KewCounty of Devon.Date W. Balkewill, Esq. died 1/3/22

River Basin

5

W.F. - do -

m.s.

Lake District, Rain Gauge, by —
Conra (864)

Diameter ...	5										MEANS.
Height	5.6										
Altitude ...	68										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	7.13	4.85	6.22	2.90							
February ...	0.96	.36	3.26	7.63							
March	3.78	2.16	3.75	2.80							
April.....	4.21	.65	4.86	4.30							
May	1.78	3.18	1.50	4.30							
June	2.89	.01	.50	.55							
July	5.08	.53	8.05	1.40							
August	1.45	2.83	5.75	2.20							
September...	2.39	.91	2.68	4.25							
October.....	3.18	1.93	1.50	8.30							
November...	2.15	3.78	2.82	2.94							
December...	6.34	2.00	8.10	5.07							
TOTALS...	41.64	23.19	45.79	46.64	#						

1920. 3 years 40 ft. 1st. 100 ft. off. S.E.

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
1920			Kingbridge 4 miles E.			St. Kew	3 miles S.W.	