

RAINFALL AT

Plymouth Hoe

Lat. _____

Lon. _____

County of

Devon

T. & C. -2

Rain Gauge, by _____

Observer

H. Victor Pigg Esq R.M.S.C.E.

Diameter			8								
Height			10	10							
Altitude			117	ft							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.88	3.55	5.57	1.25	3.30	1.36	5.53	
February				5.73	2.62	.03	.73	4.07	1.42	4.69	
March .....				.25	1.93	2.95	3.87	5.22	1.54	.84	
April .....				.65	3.13	2.43	.28	5.04	1.69	3.42	
May				1.65	2.47	1.00	.01	1.68	4.02	2.26	
June .....				.84	2.55	2.59	1.68	1.82	2.50	1.72	
July				5.03	4.51	3.37	1.64	1.11	.25	1.33	
August				1.95	3.02	3.58	1.83	5.85	2.76	1.23	
September....				2.70	2.38	.43	5.29	2.56	.97	2.44	
October				3.28	5.07	3.79	2.96	.95	5.31	2.86	
November....			2.81	1.62	7.69	6.25	1.03	1.94	3.16	3.51	
December			1.95	4.34	3.52	5.77	8.52	6.82	4.18	4.26	
TOTALS				30.92	42.44	37.76	29.09	40.36	29.16	34.09	

1893 1/2 Andrews Church 1/4 mile N

RAINFALL AT *Plymouth The Hoe*

1635

Lat. *50° 21' 44" N*

Lon. *4° 5' 20" W*

County of *Devon*

Rain Gauge, by

Observer.

N.V. Pigg Esq. C.E.

Tamar and G-2

Meteorological Office

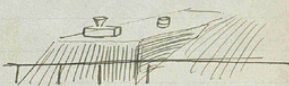
Diameter ..	8										
Height	0 10						1 0				
Altitude ..	117 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.80	2.78	1.61	4.84	5.38	2.37	6.33	1.31	1.79	1.94	3.415
February ..	5.85	1.34	1.72	2.11	7.04	.95	4.85	2.07	2.48	.43	2.834
March	2.43	2.59	2.37	4.75	2.20	5.19	1.26	1.11	4.17	6.24	3.231
April	2.02	4.14	1.92	1.58	1.34	2.72	1.08	4.56	3.04	2.15	2.458
May	1.73	1.43	1.83	2.01	3.65	.96	3.74	3.08	2.13	.95	2.151
June	3.83	1.63	3.07	3.28	1.12	2.46	1.92	2.60	.40	2.85	2.316
July .....	.95	3.29	2.16	3.95	5.61	.80	1.52	1.46	1.98	3.72	2.544
August	2.71	2.22	1.87	3.77	3.42	4.42	2.39	2.22	3.95	2.02	2.899
September ..	1.43	4.14	2.46	4.44	3.02	1.37	.90	2.22	3.24	.90	2.412
October	2.23	2.35	2.67	7.62	2.13	1.81	3.25	6.36	1.96	6.59	3.697
November ..	4.35	.50	5.99	1.86	2.17	5.80	3.08	4.27	1.21	1.33	3.056
December ..	6.59	6.44	3.26	5.55	4.29	1.64	3.08	4.99	4.65	6.14	4.663
TOTALS ..	39.92	32.85	30.93	45.76	41.37	30.49	38.40	36.25	31.00	35.26	35.23

1903 Millbay Station
St Andrews Church

W.M.W

N

+ Inspected 14. VI. 03 H.R.M.



RAINFALL at Plymouth The HoeCounty of Devonshire South Observer H. Victor Rigg Esq C.E. 1635River Basin Tamar & C 2Met. Office Rain Gauge, by J. R. Rigg Esq C.E.

Diameter ...	8											
Height	10											
Altitude ...	116 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum
January ...	3.91	1.34	3.86	7.66	1.18	3.91	1.63	1.88	3.86	5.89	35.12	13.26
February ...	5.23	2.82	4.55	1.35	5.47	6.89	5.54	1.68	2.32	6.31	42.16	13.85
March .....	.76	3.69	5.58	4.04	6.51	1.19	3.20	3.94	2.28	5.63	36.82	15.05
April	1.98	2.19	.19	4.33	1.97	1.37	.98	1.24	1.41	2.80	18.46	6.42
May	3.12	.96	1.65	3.13	1.60	2.82	1.58	2.57	.83	1.53	20.09	6.21
June	1.88	1.95	5.02	.81	1.18	2.16	2.20	2.51	1.12	.97	19.80	6.20
July	4.00	1.45	2.41	.40	5.63	4.05	1.14	2.17	3.44	1.25	25.94	8.00
August	5.38	2.51	8.86	1.16	2.33	1.48	3.79	4.10	2.13	3.20	34.94	13.22
September ...	.33	2.28	1.99	2.91	3.04	1.13	1.72	2.39	8.00	2.02	25.81	4.13
October ...	5.69	3.60	4.50	3.88	2.85	5.72	6.63	4.85	2.71	1.85	42.28	6.41
November ..	4.75	4.76	2.53	4.14	4.21	3.18	6.94	1.53	3.20	3.69	38.93	13.36
December ...	7.30	9.78	5.90	2.66	9.91	9.84	4.45	1.42	6.32	6.72	64.30	8.91
TOTALS ...	44.33	37.33	47.04	36.47	45.88	43.74	39.80	30.58	37.62	41.86	40.465	149.50

1910 Building 8 ft high 18 5 5

Inspected 7.4.1910 10.19 3. not quite circular & pipe broken off. Slightly sheltered by S.E. SW by sheds, ground slopes to N & overexposed on W, N & E. Some distance from cliff but too close to be reliable

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50.21 N	4.8 W	Plymouth	3/4 m	E	St Andrews	1/4 m	N

RAINFALL at Plymouth (The Hoe)County of South Devon.Observer J. Paton Esq. C.E.
1921. H.O. Tugg Esq.

River Basin

2H.O. Rain Gauge, by

+A

Diameter ...	8												
Height	1.0												
Altitude ...	117												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Sums 20-30	
January ...	6.19	3.77	4.88	2.21	5.63	4.31	5.82	4.59	7.27	3.47	6.22	54.41	
February ...	7.79	2.9	3.36	6.90	1.98	3.85	3.20	3.21	3.31	3.09	2.45	32.43	
March	3.67	1.96	2.52	2.13	1.96	4.6	1.11	4.10	4.72	.75	2.72	26.10	
April	3.08	.89	2.64	3.04	3.34	2.35	2.28	2.29	1.46	.87	3.16	25.30	
May	1.53	2.12	1.55	2.44	4.60	3.98	1.34	.38	1.42	3.18	2.01	24.52	
June	2.17	.05	1.11	.36	1.43	.01	3.39	3.19	2.27	2.64	.65	17.27	
July	4.19	.96	3.51	.89	5.01	2.86	.54	3.57	1.89	1.79	2.08	27.29	
August .....	.97	2.86	3.70	2.29	2.92	4.35	1.53	3.42	2.12	3.59	3.87	31.62
September...	1.99	.98	2.82	3.00	3.88	3.53	.36	5.85	2.00	.38	5.05	29.84	
October	3.88	1.02	1.89	5.19	7.09	3.50	2.73	2.51	5.87	5.93	4.05	43.66	
November...	1.88	3.98	2.38	1.79	4.21	3.08	7.67	4.39	3.70	12.22	6.86	52.26	
December...	4.96	1.82	6.51	3.54	3.68	5.31	.57	4.58	4.07	7.68	4.78	47.50	
TOTALS...	352.7 0	20.70 D	36.77 D	33.78 P	45.88 D	37.59 D	30.54 D	42.08 0	40.10 D	45.59 D	43.90 D	412.20 42.7	

Inspected Oct. 1919.

(J. Paton Esq.) Some distance from cliff but too close to be reliable.

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	50°22'	4°48'	Plymouth	$\frac{3}{4}$ m.	E.	St. Andrews	$\frac{1}{4}$ m.	N.

RAINFALL at Plymouth (Tins Hoe)

M.W.R.

County of South DevonshireObserver H. Victor Prigg, Esq., R.E. deputedRiver Basin Tamar & C. 2Prigg, Linden & CoonyType of Gauge M.O. (+A)Wagon G.H. Prigg & Coony (1938)
Plymouth & Coony (1938)Annual Average 36.7 in. based on 35 years obs. un-weighted. Period of average 1881-1935 Ref. B. 51 NThe Corporation (Messrs. G.H. Prigg & Coony & Partners)

Diameter	3.											
Height	1.0.											
Altitude	117.		116						117			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	3.23	4.43	2.47	3.29	7.1	6.57	4.90	5.50	6.72	2.56	4038	
February	3.23	1.04	3.77	1.1	3.45	4.96	7.26	1.29	1.97	5.39	3147	
March	2.07	2.10	3.76	3.86	1.11	3.73	4.84	3.1	1.19	3.66	2663	
April	2.84	3.22	3.56	2.79	4.94	1.84	3.39	1.9	2.79	2.52	2808	
May	3.84	4.61	1.88	2.27	1.45	6.0	2.70	3.05	1.07	1.54	2301	
June	4.05	3.56	2.12	1.67	4.10	9.9	1.33	1.12	3.61	82	2337	
July	4.82	2.51	2.61	4.1	3.8	6.52	1.78	3.35	5.02	2.47	2987	
August	3.84	1.86	1.43	4.71	2.92	5.2	8.6	4.57	3.07	1.0	2388	
September	1.64	5.58	1.76	3.32	4.19	2.96	2.32	1.85	5.7	2.17	2636	
October	6.7	7.82	3.49	3.02	5.04	1.11	3.75	3.92	5.26	3.11	3719	
November	6.25	2.81	1.50	1.46	8.05	3.33	2.99	8.36	7.11	7.09	4895	
December	2.21	3.77	2.43	12.55	5.99	3.40	5.24	3.77	3.05	5.39	4780	
TOTALS	38.69	42.31	30.78	39.46	42.33	36.53	41.36	37.28	41.43	36.82	38699	(240)
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

Inspected 16/6/34. Rim distorted, squeezed to correct diameter. Height above ground was 19" lowered to 1 ft.
 Inspected 11/3. Slight leak - r.p. found & repaired.

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
			<u>Millbay</u>	<u>1/2 m</u>	<u>N.W</u>	<u>St. Andrews</u>	<u>1/4 m</u>	<u>N.</u>

RAINFALL at Plymouth (The Hoe) Station No. 1625 M.W.R. 41County of South Devonshire Observer The Corporation (Messrs. G.H. IvoryRiver Basin Tamar & Partners)Type of Gauge M.O.Annual Average 36.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.

File No. _____

Diameter	8"				369	122						
Height	1' 0"					1						
Altitude	117'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	5.05	5.82	7.10	3.23	2.82	3.71	4.26	7.38	1.16	1.46		75.21
February	5.39	.21	1.86	.86	3.86	3.33	2.36	1.68	1.72	6.71		41.99
March	(3.19)	4.53	1.04	.28	1.26	2.90	8.34	1.90	1.46	2.73		27.78
April	.69	1.77	1.12	2.50	.89	2.23	2.52	1.74	1.80	2.09		27.63
May	2.02	5.07	3.50	.48	3.43	4.92	2.55	1.24	3.16	1.67		17.35
June	2.77	.27	1.32	3.01	4.36	3.18	4.19	2.07	.51	.81		22.76
July	.81	1.51	2.66	4.46	2.39	1.81	2.40	1.53	2.51	4.70		22.49
August	5.10	3.21	3.12	2.96	2.62	4.11	.99	3.56	1.40	5.13		24.75
September	.54	3.95	3.42	1.84	1.70	5.26	2.40	1.56	3.92	6.15		32.20
October	1.80	3.25	4.05	4.60	4.52	2.69	1.50	4.94	7.06	2.16		30.74
November	2.11	1.01	2.41	7.81	1.00	7.06	2.82	2.35	5.57	7.26		36.57
December	3.11	5.13	3.61	3.51	6.43	5.26	3.25	5.88	1.90	4.47		39.40
TOTALS	32.58	35.73	35.21	35.54	35.28	46.46	37.58	36.53	32.17	45.34		42.55
	D	D	D	D	D	D	D	D	D	D		42.55

117.42 208" h. O. gauge applied.

10004

32 7. 0 8

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. 1635

RAINFALL at Plymouth (The Hoe)

(M.W.R. (286) 51

County of S. Devon

Observer The Corp'n. (S. & L. & P. Co.)

River Basin Tamar & E. 2

Medical Officer of Health M.B. 1/10/50

Type of Gauge M.O. 377/37

Annual Average 36.72 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B of N.

37.76 " " " " " 1916-1950

146-1950 E 158.25/53 P
File No. E 21595/57

Diameter ...	8"				369	122						
Height ...	1' 0"					1						
Altitude ...	118'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.76	4.13	1.02	1.64	6.67	4.72	3.15	4.69	4.81	5.19	39.68	
February ...	4.16	.75	1.61	4.67	3.71	.42	5.97	3.98	0.25	4.08	29.60	
March ...	4.79	4.43	.66	3.34	1.61	1.76	4.49	2.03	4.98	2.46	30.55	
April ...	1.87	3.37	3.02	.38	1.60	1.01	.19	.75	3.65	2.70	18.54	
May ...	2.75	2.08	3.63	2.61	3.24	.99	1.88	3.39	.80	2.27	23.64	
June ...	1.14	.98	2.39	3.33	2.68	2.77	1.68	3.61	1.44	1.25	21.27	
July ...	1.19	.90	3.76	3.22	2.12	4.12	4.06	3.14	2.01	4.08	28.60	
August ...	5.01	6.33	1.88	3.34	.37	3.38	3.06	5.71	3.46	4.03	36.57	
September ...	5.05	3.31	2.71	4.22	1.84	6.92	3.63	4.95	00 PR	5.56	38.19	
October ...	1.22	5.29	3.72	3.92	2.60	1.84	2.73	3.11	3.82	7.81	36.06	
November ...	6.03	3.98	3.00	7.60	3.68	1.54	2.77	2.91	7.75	6.03	45.29	
December ...	3.74	3.51	.78	3.32	5.88	5.83	2.74	4.87	8.54	4.44	43.65	
TOTALS ...	44.71	39.06	28.18	41.59	34.90	35.80	36.35	43.14	41.51	49.90	391.64	
	D	D	D	D	D	D	D	D	D	D	D	

Instn. by W.E. Saunders 8.5.56. Ground drops away rapidly to N.

In June 1957. W.E. Saunders. G. Sound. Minor irregular slopes

" 3.6.58 " " S. Exp. Equip. - Good.

In 24/5/60 by W.E. Saunders. No change.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SX 20/478537

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
	✓	✓	✓	✓	