

# RAINFALL AT *Dawlish Haven*

Lat. ....

Lon. ....

County of *Devon*

Rain Gauge, by *Cassella*

Observer *R. Clarke Esq. C.E.*

*Large - 5.*

*S.F.C. Churchward Esq (C.E.)*

Diameter ..		5										
Height ....		10										
Altitude ..		16	18									
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..			1.07	3.11	4.76	1.60	6.42	.99	1.04	1.59		
February ..			1.80	2.15	6.20	1.08	3.75	1.30	1.23	.47		
March ....			1.86	3.73	2.17	5.30	1.06	.65	3.06	5.04		
April .....			1.68	1.98	1.05	2.62	1.24	4.32	2.44	1.91		
May .....			1.67	3.74	2.36	1.27	1.90	2.60	1.68	1.28		
June .....		1.68	2.60	2.43	1.10	2.44	1.27	2.06	.42	3.89		
July .....		1.49	1.98	3.71	5.33	.65	.90	2.06	1.00	2.13		
August ....		1.32	2.05	3.41	2.98	5.53	1.75	.52	2.62	1.66		
September ..		3.21	2.92	3.12	1.45	1.73	.89	.48	2.56	1.68		
October .....		.87	3.54	7.24	2.63	1.26	5.04	7.11	2.57	5.57		
November ..		.66	5.11	1.29	1.36	5.68	2.36	3.16	1.07	.73		
December ..		7.09	2.70	3.59	2.85	.93	1.71	5.30	3.28	5.40		
TOTALS ..			28.98	39.50	34.24	30.09	28.29	30.55	22.97	31.35		

1904 + 1905 Dec<sup>d</sup> 8. VIII. 08 (from Mr. Churchward) Ent<sup>d</sup> 17. XI. 08

1902 St Michael's Church  $\frac{3}{4}$  mile N.W.

Tide Indicator 4' 2" high 6' 6" N.W.

1903 Dawlish Railway G.W.R. 300 yards E

1906 St Marks 440 ft. SW.

Dawlish Station 460 ft E.

Barometer case 6 ft high 8 ft. W

Stevenson screen 5 " " 8 " NW.

High Tide case 4 $\frac{1}{2}$  " " 10 " E

7. III. 06 moved 27 feet E.

RAINFALL at Dawlish Hill LawnCounty of South DevonObserver S. F. C. Chubbard EsqRiver Basin Tarquin 5Sunder Rain Gauge, by N+3

Diameter ...	5										
Height .....	1 0										
Altitude ...	18 $\pi$										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.26	.94		7.10	1.58	3.71	1.42				
February ...	4.56	1.48		1.03	4.27	6.56	6.18				
March .....	.70	2.62		3.36	4.68	.75	3.69				
April .....	1.35	.67		3.87	1.55	.92	.53				
May .....	1.69	1.28		2.73	2.28	2.29	1.98				
June .....	2.42	2.63		.46	2.16	1.96	1.92				
July .....	3.78	.67		.57	2.63	4.11	.93				
August .....	3.37	.74		.53	2.32	2.18	4.51				
September ..	.25	1.22		2.66	3.03	1.38	3.06				
October ...	4.41	3.14		4.73	2.07	5.07	5.50				
November ...	4.40	2.92		4.13	3.54	2.43	4.74				
December ...	6.02	8.68		2.22	9.09	8.17	3.90				
TOTALS ...	36.51	26.99	N.R.	33.69	39.20	39.53	38.36	N.R.			

1913 Stevenson Screen 5 ft high  $\pi$  N  
 Barograph 5. 6. W  
 1915 House 10. 15. N  
 " 20. 60. 5

50-70 yds from sea front. Sheltered by tree on SE  
 among July 1920

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	50 40.	3 28	Dawlish	2 minutes	E	Dawlish	57 minutes	W

RAINFALL at Dawlish, The LawnCounty of S. DevonshireObserver S. F. C. Churchward, Esq.River Basin Teign 5Engineer DawlishSnowdon Rain Gauge, by

Diameter ...			5"								
Height .....			1 0				1 6				
Altitude ...			18								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...			5.00	1.58	4.29	5.63	4.64	3.77	4.33	2.01	5.70
February ...			3.42	6.79	1.20	5.02	2.99	3.08	2.71	2.05	1.56
March .....			3.32	1.84	2.15	2.4	70	3.54	3.54	.13	2.50
April .....			3.80	3.22	3.12	2.69	2.27	1.59	1.54	.98	2.88
May .....			.59	1.88	5.29	4.23	.63	0.46	1.00	2.92	1.47
June .....			.63	1.52	2.23	.00	3.01	2.28	1.61	2.20	.20
July .....			3.77	1.07	4.51	2.62	.98	3.34	1.28	1.57	2.16
August .....			3.09	2.28	2.88	2.27	.96	2.54	2.31	1.71	3.15
September...			2.19	2.72	4.47	4.00	.84	4.53	2.24	.68	4.07
October .....			1.53	4.95	6.15	3.86	3.20	2.75	4.61	5.40	3.05
November...			2.57	2.38	3.28	2.75	8.27	2.78	3.59	10.49	5.61
December...			6.05	2.29	5.68	5.49	.46	4.04	2.70	8.34	3.35
TOTALS...	NR	NR	35.96	31.52	45.25	38.80	28.95	34.70	31.46	38.48	35.70

1925. House 30 ft high 20 yds N.W. &amp; S.

1928. Trees 10 ft. high 25 ft. S.E.  
Bushes 6 " " 10 " N.Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1922	50° 40'	3° 27'	Dawlish	1/2 mi	E	St. Mark's Lanark	100 yds 1 mi	W. W.



RAINFALL at Dawlish (The Lawn)County of South DevonshireObserver S.F.C. Churchward Esq.River Basin Taigru - SThe Engineer & SurveyorType of Gauge SnowdonAnnual Average 32.2 in. based on 19 years obs. ~~un~~-weighted. Period of average 1891 | 1915. Ref. S

672015/26

Diameter	5										
Height	1.0										
Altitude	18										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.65	4.03	2.46	2.90						2.06	
February	1.91	.00	4.14	.13						3.81	
March	1.02	2.31	4.01	2.38						2.63	
April	3.37	3.21	1.57	2.88						3.19	
May	2.83	3.60	1.67	.78						1.68	
June	3.77	3.12	2.43	1.26						.64	
July	3.82	1.75	2.29	.81					5.25	2.48	
August	3.54	1.67	1.11	2.54					2.54	.08	
September	1.52	4.85	2.66	2.34					1.27	1.16	
October	.35	6.59	2.42	2.24					4.54	3.85	
November	7.18	2.31	1.46	1.82					5.53	5.76	
December	1.61	2.68	2.07	9.26					1.76	3.22	
TOTALS	33.67	35.12	28.29	29.34	NR	NR	NR	NR	7.77	30.56	

Truss 20' high 26' S.E. Ranges 6' high 10' N

1932 low up } poor exposure

1933 low up }

1934 " " }

Houses 40' high 96'S

Inspected 18.10.34. New gauge has been obtained &amp; set up 100 yds away in York Gardens. Old gauge returned at The Lawn for comparison.

Inspected 14.5/35. Old gauge is hopeless condition. Values for 1928 40 copied from above is satisfactory.

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
1931			Dawlish	200 yds	E	Dawlish	1 m	W

Station No. MWR 1732RAINFALL at Dawlish (The Lawn)

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County of South DevonshireObserver The Engineer & SurveyorRiver Basin Teign - SType of Gauge SnowdonAnnual Average 32.3 in. based on 19 years obs. unweighted. Period of average 1881-1915 Ref. S  
average not appropriate 1/4 inFile No. 6720.15/26

Diameter	5				360	796					
Height	1.0					1					
Altitude	18					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.43	4.25	7.42	2.17	2.15	(4.00)	3.44	6.12	.51	.76	
February	3.64	.17	2.62	.29	2.21	2.99	2.20	1.37	1.35	6.66	
March	3.04	2.75	1.21	.18	.65	1.17	9.07	1.35	1.11	1.41	
April	1.53	2.01	1.05	2.01	.74	2.29	2.79	2.20	1.60	1.51	
May	2.04	6.38	3.19	.24	3.83	5.11	2.74	2.41	2.40	3.41	
June	2.14	.64	1.12	1.88	2.67	2.57	2.53	1.75	.54	.47	
July	0.60	1.38	2.21	2.34	-1.00	1.96	1.64	.80	1.37	4.30	
August	3.83	3.80	2.35	3.98	-1.00	3.18	.93	2.77	.83	3.56	
September	0.98	2.38	3.33	1.57	-1.00	4.25	2.08	1.22	3.17	3.96	
October	1.39	3.99	2.72	4.40	-1.00	2.25	.94	2.73	5.77	1.32	
November	2.27	0.77	2.06	5.38	-1.00	6.08	1.98	1.47	4.20	5.63	
December	2.62	4.02	3.19	2.36	-1.00	4.05	1.86	5.95	1.47	3.41	
TOTALS	28.51	32.54	32.47	26.80	-1.00	39.90	32.13	30.14	24.32	36.40	
	n.p.	n.p.	d	d	imp	d	d	d	d	d	

1941. Feb &amp; March corr'd for W.D. &amp; adjusted by ref to nearby stations

no check.

1942 The reading from this station will not be used for work

1943 Bushes 6 ft high 20 ft. N.E.

Inspected A.V. hand 5 ft. N. Range gauge in good condition. 6 ft. tree 60-80 ft high 80 ft to 5 ft. Spruce 40' high 40' N. Spruce 40' ft high to N.W. Suggested that range gauge be moved inland 50-100 yds.

40004

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No. 22-96-2767

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1943			Dawlish	100 yds		Dawlish	1 mile	

Station No. 1732

(NWR)

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RAINFALL at Dawlish (The Lawn)County of S. DevonObserver Engineer & SurveyorRiver Basin Teign - 5Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.File No. 67205/26

Diameter ...	5"				360	796					
Height ...	0' 12"					1					
Altitude ...	17					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.42	3.11	.59	961	Cond						
February ...	5.64	.48	1.54								
March ...	4.23	2.78	.55								
April ...	1.66	2.62	2.76								
May ...	2.25	2.41	3.09								
June ...	.82	1.34	1.61								
July ...	2.10	.83	1.97								
August ...	3.61	3.80									
September ...	4.50	2.85	2.07	#							
October ...	.68	4.08									
November ...	5.10	4.59									
December ...	2.95	2.86									
TOTALS ...	36.96	31.75	INC								

1951 inspected G.S. McDonald 21/5/51. Trees 40' high 50' SE; 30' high 40' NW.

Map 11" Gunter 5.652. Rim of funnel sound but outlet case distorted. G. close in ground south of Laughton.  
Measure has field NW mounds. Site overgrown.

Gauge has ESE-SSW 20yds. 660', 1/2 N 20yds. 640', 1/2 NNE 50yds 50'

Remained more to down W of present position.

Map 11" Gunter 23.4.53 A poor station. See over

R53 NP incomplete

T. Sept. 1953, as no returns received after this date and exposure unsatisfactory.

Position of Station on Ordnance One-Inch map: No. of Map ..... National Grid Reference 2962767

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
	1911, 13-16 D10, 14-16 11, 15	22-30 ✓ but -22-23	31-34, 40 n.p. 32-34, 40 D31	41-44, 46-50 n.p. 41, 42, ✓ but 43	