

RAINFALL AT Pembroke Stackpole Court

70

Lat..... Lon..... County of... *Pembroke*.....

..... Rain Gauge, by..... Observer: *The Earl of Caustice*.....

Adrian - 4.

M^r E. Selaker

Diameter.....					5	.	.	.	.
Height					1	-	6	.	.	1.6	
Altitude.....					60	.	.	.	.
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					# 3.93	8.54	2.16	7.59	2.56	4.69	
February.....					2.63	2.23	4.32	2.56	2.37	5.25	
March.....					2.99	1.47	3.54	3.96	1.75	1.28	
April.....					1.90	3.04	2.32	5.28	2.50	2.78	
May .....					.82	2.04	.60	2.64	4.52	3.33	
June.....					1.46	2.55	1.76	1.83	3.56	5.86	
July					1.96	5.62	2.69	3.20	3.08	3.73	
August.					4.21	3.74	3.96	6.85	6.87	6.57	
September....					5.72	6.19	5.24	3.20	3.15	3.91	
October.....					5.49	5.67	6.24	4.51	5.42	2.07	
November....					3.99	9.25	5.00	7.46	4.63	.88	
December.....					6.75	2.62	7.01	4.38	3.50	2.33	
TOTALS					34.84	41.85	52.96	44.84	53.46	43.91	42.68

Gauge stands out in the open nursery
1878 a wall 6ft high & 20yds distant S.E

S^r Petrox 1 mile N.

RAINFALL AT *Pembroke, Stackpole Court*

Lat. _____

Lon. _____

County of _____

Rain Gauge, by _____

Observer _____

W. Hon. Earl of Cardor
Classen - 4.

Diameter	5					9			6		
Height	1.6	1. -		1.8					1.6		
Altitude	60 T						50 T		60		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	76	1.22	5.02	3.86	4.08	3.00	4.58	4.12	2.12	1.80	3.056
February	3.72	4.53	3.16	4.69	5.88	4.31	2.16	1.03	1.52	3.28	3.428
March	2.84	3.09	2.28	1.38	4.35	1.55	5.33	2.19	2.86	2.63	2.850
April	2.63	1.60	4.80	1.76	2.41	3.47	2.39	1.10	1.26	1.69	2.311
May	1.94	1.66	1.24	2.08	1.94	3.63	3.96	1.22	1.94	2.96	2.257
June	3.57	3.56	4.14	3.33	.64	2.08	1.63	.96	3.06	.50	2.347
July	3.91	3.53	5.78	3.72	4.53	1.26	4.46	2.33	6.78	2.78	3.908
August	1.44	4.74	3.55	2.02	1.80	2.48	1.10	1.44	4.94	3.44	2.706
September...	2.92	2.78	5.28	5.62	4.49	7.02	4.82	2.37	1.50	2.16	3.896
October	6.43	3.08	5.39	4.44	2.01	6.67	6.71	2.85	2.20	4.52	4.500
November...	4.16	5.30	7.00	6.28	2.90	5.51	5.82	4.40	9.86	3.96	5.519
December ...	6.45	5.51	6.01	2.78	5.27	2.19	5.75	3.90	5.03	3.25	4.814
TOTALS	40.77	40.60	56.75	41.66	40.30	43.17	48.71	27.91	43.07	32.97	41.592

1860. St. Petrox

1 mile

N

1867

wall

5 ft high

60 ft

S by E

RAINFALL AT *Pembroke Stackpole Coast*

Lat. _____

Lon. _____

County of *Pembroke*

Rain Gauge, by _____

Observer *R^d Hon Earl of Bandon*

Caldan - 14.

Diameter	5										
Height	16										
Altitude	60 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.36	3.19	2.56	3.63	4.87	5.75	1.42	2.54	3.45	7.82	3.959
February ....	.98	.14	2.22	4.19	2.51	.12	.79	4.34	1.78	4.29	2.136
March	1.81	1.56	1.05	1.05	2.76	3.43	3.31	4.87	1.21	1.46	2.257
April	1.62	1.83	2.03	.65	1.80	2.35	1.06	4.24	2.48	3.55	2.161
May	3.33	3.68	1.96	.97	4.10	.71	.03	1.15	4.95	1.90	2.275
June	3.19	2.51	1.54	1.00	2.80	1.10	1.00	2.82	1.32	1.94	1.922
July	2.99	2.51	2.72	2.47	2.76	3.09	2.79	2.03	1.46	2.57	2.539
August	3.40	5.07	4.47	1.85	4.28	3.77	2.58	4.28	4.03	2.74	3.647
September....	2.11	3.89	3.48	1.96	2.21	.70	7.11	5.13	1.68	2.28	3.055
October	2.88	7.54	3.62	5.92	5.65	4.41	4.95	2.22	6.59	4.18	4.996
November....	5.06	4.89	5.13	2.67	5.96	5.57	1.43	3.32	4.12	2.44	4.059
December	4.18	5.87	2.80	4.85	4.00	3.17	7.24	6.35	4.22	4.31	4.699
TOTALS	35.91	44.68	33.58	31.21	43.70	34.17	33.71	43.29	37.29	39.48	34.702

1880 -

RAINFALL AT Pembroke Stockpole Court

Lat.

Lon.

County of Pembroke

Rain Gauge, by

Observer R. Hon. Earl of Cardigan

Classed as - 1.

W. B. Fisher

Diameter ..	8				6						
Height	1 6										
Altitude ..	60 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.91	3.32	2.61	3.84	4.65	1.74	6.57	2.52	2.28	1.74	3.518
February ..	5.34	1.80	1.49	2.28	5.37	1.41	3.48	1.90	1.80	.41	2.528
March ....	.89	2.60	3.07	4.84	1.95	4.46	2.70	1.23	3.48	4.49	2.971
April	1.55	3.24	1.71	2.49	1.45	2.68	.81	3.58	2.92	2.89	2.332
May	2.30	1.09	1.69	3.42	2.38	1.35	3.79	2.64	1.83	1.24	2.173
June	3.91	2.93	3.58	1.78	1.67	1.60	2.14	3.04	.80	1.52	2.297
July .....	.73	1.36	2.47	2.72	1.62	2.41	1.20	2.14	3.76	2.54	2.095
August	4.00	4.13	2.26	6.98	2.65	4.28	5.56	3.68	4.06	2.55	4.015
September..	1.87	4.50	3.80	3.61	2.87	1.38	1.98	1.65	4.66	2.22	2.854
October	4.97	3.72	3.72	8.66	2.56	1.54	8.03	8.59	3.34	6.84	5.197
November..	5.80	1.47	4.80	3.41	2.03	5.11	3.54	3.92	2.17	1.97	3.423
December ..	5.20	5.20	3.55	4.37	3.55	1.89	4.20	4.24	6.15	5.90	4.425
TOTALS ..	42.47	35.36	34.75	48.40	32.75	29.85	44.00	39.13	37.25	34.31	3.82

1905 Pembroke Station $4\frac{1}{2}$ mile N
St. Peter's Church $1\frac{1}{2}$ " N

Hub

RAINFALL at Pembroke Stockpole CourtCounty of PembrokeObserver Mr W.B. FisherRiver Basin Gliddan & C 4Chas. McDermoy (1919)Symons Rain Gauge, by

Diameter ...	6											
Height	6											
Altitude ...	60 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS Totals	
January ...	3.86	2.39	3.63	6.74	2.00	3.51	2.24	1.58	3.85	5.31	12.98	
February ...	4.04	2.03	2.68	1.84	3.40	6.27	4.84	2.31	2.21	3.72	13.08	
March	1.46	2.85	5.91	5.67	3.58	.88	2.45	2.44	1.85	4.38	11.12	
April	2.58	2.04	.57	3.97	1.04	1.58	1.79	1.52	1.77	2.41	7.56	
May	1.61	1.52	1.65	3.46	2.03	2.44	2.51	3.43	1.30	1.37	8.61	
June	2.76	2.31	4.55	2.04	1.49	1.82	2.60	2.68	1.02	1.89	8.19	
July	2.47	.81	2.66	.68	4.24	3.01	1.13	3.21	4.33	.64	9.31	
August	7.43	2.81	6.72	1.43	3.64	2.26	2.17	7.20	3.90	2.49	15.76	
September ..	.26	3.39	.59	5.61	1.97	2.62	3.13	2.58	7.70	2.06	15.47	
October ...	3.25	5.55	5.23	3.92	1.91	4.37	7.75	4.58	4.25	1.81	18.39	
November ...	6.43	4.91	4.42	3.85	3.97	2.89	3.44	3.25	3.69	2.33	13.71	
December ...	5.74	9.36	5.22	2.35	6.85	8.69	3.76	1.05	6.43	5.15	16.39	
TOTALS ...	41.89	39.97	43.83	41.56	36.15	40.34	37.81	35.83	42.30	34.63	150.57	✓ 58

1912 Year hedge 4 ft high 20 yds S

1916-19 totals small, ^{other} values computed using County School records 1912-40, for purposes of 1916-50 averaging group.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Pembroke	↓ 4½ mi	ENE N	St Petrox	2 1½ mi	N

RAINFALL at Pembroke (Hockpole Court)County of PembrokeObserver Mr. E. McIlroy (Gunn.)River Basin Geddan R. 4F. Cr. Gardick (Gunn.) 1924
for Earl West CaustonNot Standard
Vertical Sides
2' high only. Rain Gauge, by _____

Diameter ...	6											
Height	1.6											
Altitude ...	60											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1925-30 Totals
January ...	5.02	4.73	5.07	2.11	3.21	2.99	6.55	5.78	8.03	2.14	6.22	56.85
February ...	1.59	2.4	3.96	9.21	1.18	5.74	4.57	2.84	3.63	2.69	1.01	36.66
March	4.70	3.53	3.98	1.52	2.31	1.27	.30	3.26	4.84	.38	3.27	29.36
April.....	5.28	7.8	3.00	3.13	2.78	2.35	2.02	1.55	.95	1.36	2.33	25.53
May	3.15	1.18	1.65	1.69	2.84	3.49	1.97	2.12	10x6	3.98	2.60	25.73
June	2.79	.00	1.42	.94	2.53	.00	2.38	2.73	4.46	1.57	1.78	20.60
July	5.59	2.02	5.38	3.02	4.51	3.17	5.53	4.03	2.47	2.52	3.76	42.00
August	2.57	5.25	4.13	4.60	4.01	4.17	3.29	5.18	2.84	2.50	4.40	42.94
September...	5.06	1.50	4.66	3.57	4.37	3.46	1.60	5.19	1.88	1.40	5.73	38.42
October.....	6.79	2.06	1.09	5.64	5.92	5.88	3.28	2.29	7.82	6.20	7.05	54.02
November...	3.49	4.25	2.05	4.92	3.34	3.83	9.27	4.88	5.25	12.02	4.26	57.56
December...	5.19	2.19	5.38	4.79	8.39	3.91	1.08	3.53	6.28	9.07 ¹⁶	8.24	58.14
TOTALS...	51.2	27.7	34.77	45.14	53.0	40.26	41.84	43.38	49.51	45.13 ^{5.92}	50.65	487.81

1925: Garden Wall 12 ft. high 30 yds. S.

13. N. 26 Inspected by C. D. Stewart. Gauge in middle of large flat garden 100 yds x 250 yds. Trade surrounds by walls 15 to 20 ft high. Trees outside walls average 60-70 ft. Gauge mounted on oak stand and projects 2 inches above top surface of this stand. File 690258/26

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Pembroke	5 mi	N.N.E.	St. Peter's	1 1/2 mi	N.W.

RAINFALL at Pembroke (Litchpole Court)County of PembrokeObserver F. G. GarlickRiver Basin H - Cleddau & G.

Type of Gauge

Annual Average 39.3 in. based on 25 years obs. un-weighted. Period of average 1881-1915. Ref. B. & N.
690158/26

Diameter	.6										
Height	1 6										
Altitude	60										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means
January	4.65	5.28	4.23	3.96	1.58	6.46	5.24	4.82	8.08	4.76	49.06
February	3.64	.03	3.72	4.44	4.33	3.35	8.18	1.64	3.03	4.24	32.60
March	1.26	1.69	2.67	2.74	.85	3.17	4.19	.47	2.05	2.81	21.90
April	2.19	3.50	1.80	2.66	4.23	3.10	3.01	.00	2.20	1.97	24.66
May	4.01	3.95	3.53	1.75	.95	1.49	1.42	2.53	0.90	.68	21.21
June	2.68	1.60	2.46	1.61	3.26	2.69	1.08	3.77	1.62	.56	21.33
July	6.13	3.42	1.67	1.04	1.13	6.15	3.14	4.06	8.08	3.19	38.01
August	2.69	1.95	1.55	5.07	1.71	.63	.83	5.35	2.74	.16	22.73
September	2.42	4.60	1.36	2.98	6.22	2.21	3.45	2.37	1.65	1.05	29.31
October	1.26	6.95	8.23	3.30	5.34	1.73	4.85	6.42	1.87	5.58	45.53
November	8.71	3.29	1.60	1.97	7.04	5.92	2.59	7.38	8.16	10.40	57.06
December	2.97	3.27	2.94	9.45	3.95	4.34	4.77	4.36	2.94	3.68	42.64
TOTALS	42.61	39.53	35.76	36.97	40.59	42.29	42.75	43.17	43.32	39.08	406.07

1936 Garden wall 15' high 40 yds S; Garden wall 15' high 70 yds E;

Garden wall 15' high 70 yds W; Glass house 20' high 40 yds N.

1940 Wall 16' high 20 yds S; Fruit Houses 16' high 40 yds N.

Wall 16' high 80 yds E; Wall 16' high 80 yds W.

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	Parish Church.	Distance from gauge	Direction
1936			Pembroke	4 1/2 m	N	St. Peter's	1 m	N

Station No. M 4112RAINFALL at Pembroke (Stackpole Court)

41

County of Pembroke Observer M. F. G. Garlick, Esq.River Basin 4- Cheddar &c.

Type of Gauge

Annual Average 39.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.File No. 6992.5826

Diameter	6		508	139								
Height	1 6			1		1' 0"						
Altitude	60			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-50
January	615	667	689	434	468	540	639	698	140	213	51.03	
February	429	49	167	125	286	142	(3.20)	201	165	655	26.39	
March	286	295	157	50	170	131	(8.94)	106	186	235	25.10	
April	83	(165)	122	209	177	90	320	370	220	181	19.37	
May	353	553	350	58	353	431	339	180	245	121	29.83	
June	108	(15)	287	186	459	270	354	313	43	126	21.61	
July	295	303	225	153	442	194	349	181	125	401	26.68	
August	452	372	313	326	195	673	87	560	269	700	39.47	
September	147	615	402	397	243	612	(2.81)	330	130	657	38.14	
October	260	335	501	604	349	191	167	518	820	313	40.58	
November	387	128	350	786	72	627	432	195	635	692	43.04	
December	371	620	320	405	787	412	(4.32)	589	362	312	46.10	
TOTALS	3786	(4117)	3883	3733	4101	4313	(46.14)	4241	3340	4606	407.34	BP

1941 Wall 15' high 30 yds S
 1942 April rainfall amended. June estd.
 1947. Feb. 9 mm. not for snow. Sept. 9 Dec. none used.

30114

61.28

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.
1941			Pembroke	4 1/2 m	N	St. Petrose	1 mile	N

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

Station No. M 4112

RAINFALL at Pembroke (Stackpole Court)

County of Pembroke

Observer Mr. F. G. Garlick (died 1756)

River Basin 4-Cloddan & C

W.G. Nicholas

Type of Gauge Snowdon

Annual Average 39.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B & N

4-1-90 " " 35 " " 1916-50

File No. 690258/26

Diameter	...	6"	5"			508	139						
Height	...	1'	1'6"				1						
Altitude	...	60'	60'				51						
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January	...	5.69	4.02	1.51	3.56	4.14	5.93	2.96	3.29	3.46	5.64	40.20	
February	...	3.25	0.60	2.54	4.71	3.17	.76	4.15	4.18	0.47	4.23	28.06	
March	...	4.73	2.80	2.39	4.59	3.10	1.42	4.77	1.67	3.68	2.63	31.28	
April	...	2.58	3.52	1.77	0.78	2.42	.85	.25	1.41	2.48	3.01	19.07	
May	...	1.85	3.62	2.87	2.62	3.45	1.07	1.65	3.57	.78	1.58	23.06	
June	...	0.35	3.12	1.65	3.20	3.76	2.46	1.96	3.54	1.26	1.31	22.61	
July	...	0.92	0.88	4.34	3.43	.25	2.94	3.95	5.23	2.27	4.00	28.21	
August	...	5.40	5.68	3.01	3.33	.38	3.90	2.04	5.22	0.82	3.33	33.11	
September	...	4.75	2.52	3.59	3.53	2.54	4.99	5.77	6.44	0.36	6.67	41.16	
October	...	1.62	3.99	3.35	5.65	2.68	1.43	3.81	4.44	6.17	7.28	40.42	
November	...	6.08	2.76	3.66	10.69	2.73	1.46	2.71	3.94	12.10	8.92	55.10	
December	...	4.18	5.33	1.50	4.16	6.73	6.20	3.52	4.24	6.82	5.66	48.34	
TOTALS	...	41.40	38.84	32.28	60.25	35.35	33.41	37.54	47.22	96.17	56.26	410.62	

1951 15' Wall at 60° S, 60' tree at 30° N, 60' tree at 200' W ~ Wall 15' high at 200' E
1953 corrected for Arithmetic 760
1954 12' Wall 60° S, 60' Trees 200' W, 12' Green House 120' North ~ 60' Trees 300' N
1955 n.p. too much est
1956 approximated
1959 Sup. Mr. O'Kane Satisfactory. In fairly large walled garden.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference SR(11)972960

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge		Parish Church	Distance Direction from gauge	
1951			Pembroke	5m.	N	Stuckade	2m.	N.
1956			Pembroke	5m	N.A.E.	St. Petros	1½m	N
1957			Pembroke	4	N	St. Petron	1	N

Summary of Earlier Records from 10-year Sheets:

1916 - 50 P accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ All Blank.	✓ 1920-5 Blank 26-27 D, 28-30 d.	✓ All d	✓ All d.	