

RAINFALL AT *Milford S^t Annes Head*

Lat.....

Lon..... County of..... *Pennabrooke*.....Rain Gauge, by..... Observer..... *T. L. Marshall Esq.**clean - 4.*

Diameter.....	.8											
Height.....	.8											
Altitude.....	135											
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.00	5.25										
February.....	2.62	2.34										
March.....	2.82	1.37										
April.....	.48	3.33										
May.....	2.32	.34										
June.....	.58	1.43										
July.....	1.53	3.80										
August.....	1.67	2.53										
September.....	1.59	5.81										
October.....	7.69	6.59										
November.....	5.49	1.30										
December.....	2.01	(3.43)H										
TOTALS.....	30.80	37.52										

1870 S^t Annes Head. The first land met by the SW winds after blowing over 3000 miles of ocean may be exceptional.

RAINFALL AT *Milford St Annnes*

Lat.....

Lon.....

County of.....

Pennsylvania

Rain Gauge, by.....

Observer.....

*J. L. Marriott Esq.**Station - 4*

Diameter .....	.5											
Height	1											
Altitude	25											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.46											
February.....	3.67											
March	3.15											
April	2.69											
May	2.96											
June .....	.86											
July	1.49											
August.....	2.55											
September.....	1.60											
October.....	7.10											
November.....	4.18											
December.....	2.53 [#]											
TOTALS	33.24											

1870 No level ground near, the G. is open from the SE through S & SW to W.

RAINFALL AT *Pembroke St Ann's Head*

70

Lat.

Lon.

County of *Pembroke*

Rain Gauge, by

Observer *The Met. Council*

Cheslaw St.

Diameter....								.8			
Height ....								.8			
Altitude								150			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								5.68	1.80	3.49	
February. ..								1.73	2.37	4.27	
March.....								3.37	74	1.05	
April								4.97	2.37	1.82	
May								2.42	3.35	2.88	
June								1.45	3.44	4.59	
July.....								2.58	1.74	2.02	
August								4.67	5.41	5.92	
September ..								2.55	1.92	4.43	
October								3.73	4.89	1.40	
November ..								5.16	5.01	.76	
December ..								3.08	3.97	1.82	
TOTALS ..								41.39	37.01	34.45	

RAINFALL AT *Pembroke, St Ann's Head*

Lat. _____

Lon. _____

 County of *Pembroke*

Rain Gauge, by _____

 Observer. *The Meteor Council*
Station - 14.

Diameter	8										
Height	8										
Altitude	150										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	69	1.47	4.42	3.66	3.72	3.17	3.86	3.65	1.78	1.41	2.783
February	3.09	3.77	3.62	5.02	4.86	4.03	2.21	.53	.69	2.55	3.037
March	2.22	3.28	1.24	.99	4.79	1.97	3.21	1.67	2.74	1.83	2.394
April	2.16	1.36	3.79	1.43	2.46	2.61	1.90	.62	1.29	1.40	1.902
May	1.75	1.28	1.29	1.76	1.38	2.87	3.15	1.21	1.10	2.63	1.842
June	1.98	2.65	3.24	3.11	.45	1.39	1.29	.21	2.39	.39	1.710
July	3.46	1.81	5.58	2.76	3.33	.94	3.79	2.31	6.18	2.06	3.222
August .....	.64	3.19	3.52	1.34	1.55	1.98	.87	1.65	3.19	3.34	2.127
September	2.67	2.16	3.98	4.57	3.53	6.23	4.95	2.05	.90	2.28	3.332
October	4.37	2.46	5.42	3.02	2.03	4.86	5.55	2.45	1.60	4.09	3.585
November	3.82	5.74	5.24	4.45	2.62	3.04	4.27	4.06	6.53	2.48	4.225
December	5.79	4.88	5.56	2.02	3.47	1.44	5.54	3.00	4.29	2.58	3.857
TOTALS	32.64	34.05	46.90	34.13	34.19	34.53	40.59	23.41	32.68	27.04	34.016

RAINFALL AT St Annisthead

Lat. _____

Lon. _____

County of Pembrokeshire

Rain Gauge, by _____

Observer The Meteor Council

Cheddar - 4.

Diameter	8										
Height	0 8										
Altitude	150										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.76	3.08	1.88	3.14	4.94	4.50	1.23	2.60	2.92	7.22	2.627
February ....	.59	.16	1.73	3.84	2.43	.11	.86	3.25	1.53	4.36	1.886
March	1.56	.94	.96	.47	2.08	3.34	2.38	4.42	1.33	1.58	1.906
April	1.26	2.30	1.51	.32	1.38	2.66	.79	3.40	2.45	2.62	1.869
May	3.15	2.60	1.58	.76	3.07	.07	.02	1.73	3.78	2.24	1.900
June	2.45	2.00	1.80	.65	2.19	1.18	1.00	2.66	1.44	1.42	1.679
July	3.01	2.02	2.48	2.32	2.68	2.89	3.78	1.26	.70	1.99	2.3138
August	2.07	5.54	3.00	2.51	2.49	3.33	1.63	4.29	4.01	2.15	3.102
September....	1.60	3.58	2.95	1.43	1.62	.50	5.50	3.21	1.55	1.44	2.228
October	2.61	7.53	2.76	3.72	4.83	5.46	5.92	1.66	6.64	3.09	4.422
November....	4.34	4.48	3.46	3.17	5.11	4.09	1.26	3.90	4.41	2.60	3.682
December	3.14	5.92	2.45	4.39	3.06	2.99	6.30	5.71	4.75	4.28	4.299
TOTALS	30 54	40.15	26.56	26.72	35.88	31.12	30.67	38.09	35.51	34.99	32.022

1880 -

RAINFALL AT St Ann's Head

Lat.

Lon.

County of Pembroke

Rain Gauge, by

Observer The Meteor Council

cleaned & - 4.

Diameter ..	8										
Height	0.8										
Altitude ..	150										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.45	4.10	1.60	4.26	4.36	1.48	6.20	1.69	2.16	1.74	3.204
February ..	5.23	1.97	1.61	1.92	5.06	1.04	3.23	1.88	1.64	.59	2.417
March ....	.75	2.63	2.78	4.66	1.77	4.58	2.09	1.14	4.97	5.48	3.085
April	1.81	3.26	1.69	2.58	1.19	2.69	.95	3.84	2.49	2.75	2.325
May	2.20	.74	1.31	2.14	2.56	1.08	3.70	3.26	1.99	1.01	2.002
June	4.72	2.81	2.61	1.35	1.65	1.59	2.53	2.94	.69	1.26	2.215
July .....	.85	1.41	1.99	2.87	1.63	1.60	1.02	2.34	3.98	2.75	2.044
August	3.35	4.24	2.34	4.85	1.96	4.20	6.00	3.40	4.86	2.22	3.742
September ..	1.96	4.74	3.21	3.39	3.31	2.14	1.02	2.25	4.08	2.62	2.872
October	4.51	3.19	3.06	7.68	1.51	1.27	8.15	7.48	3.43	5.79	4.607
November ..	4.45	1.90	4.44	2.39	3.39	5.36	3.26	3.05	2.11	1.03	3.138
December ..	6.29	5.54	3.03	3.65	3.39	1.18	4.29	3.93	6.10	5.82	4.322
TOTALS ..	40.57	36.53	29.67	41.74	31.78	28.21	42.47	37.20	38.50	33.06	35.913

✓
H.W.

RAINFALL at *St Ann's Head*County of *Pembroke*Observer *Metereological Office*River Basin *Chiddan + C 4*

Rain Gauge, by

Diameter ...	8											
Height	0 8						0 10					
Altitude ...	150											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 —MEANS. Totals	
January ...	3.38	2.54	3.82	6.52	1.18	3.00	2.01	1.26	4.22	4.29	11.78	
February ...	4.54	1.92	2.87	1.97	4.30	7.11	4.93	1.92	2.23	3.15	12.23	
March	1.28	2.52	6.03	5.15	3.98	.71	2.36	4.06	2.02	3.98	12.42	
April	2.11	1.69	.16	3.66	.90	1.07	1.42	1.81	1.57	1.77	6.87	
May	1.56	1.55	.96	3.43	1.66	2.09	2.11	3.46	1.42	1.17	8.16	
June	2.35	1.33	4.33	1.81	1.73	3.63	2.16	3.23	1.10	1.98	8.47	
July	2.40	.43	3.75	.48	3.80	3.15	1.02	3.34	3.15	.55	8.06	
August	4.97	3.30	6.00	1.38	4.19	1.34	2.30	7.33	2.36	2.50	14.49	
September ..	.21	2.43	.32	6.08	1.81	2.00	3.34	2.92	6.58	1.87	14.41	
October ...	4.15	5.12	5.00	3.74	1.75	5.12	7.82	4.53	3.66	1.65	17.66	
November ..	5.86	6.24	3.56	4.60	2.80	3.11	4.35	2.67	3.94	2.08	13.04	
December ...	6.10	9.52	5.24	2.63	7.96	7.91	3.24	1.18	5.07	5.30	14.79	
TOTALS ...	38.91	38.59	41.04	41.45	36.06	40.24	37.36	37.71	37.32	30.29	142.68	

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

RAINFALL at St. Ann's HeadCounty of PembrokeshireObserver Meteorological OfficeRiver Basin Western 4Air Ministry

Rain Gauge, by _____

Diameter ...	8											
Height	0 10											
Altitude ...	150											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals
January ...	4.13	4.19	3.95	1.48	6.26	2.40	5.45	4.83	6.79	2.25	5.90	47.93
February ...	1.38	2.3	3.00	9.32	6.9	4.07	3.81	2.77	3.53	2.54	1.91	32.25
March	4.61	3.07	2.81	1.70	1.85	1.03	57	2.72	4.55	.50	2.69	26.10
April	3.79	1.04	1.85	3.07	2.25	2.06	1.73	1.49	1.11	.73	1.63	20.75
May	2.54	1.74	1.30	1.60	2.03	3.49	1.91	1.47	1.33	3.76	1.67	32.84
June	2.04	.00	1.09	1.12	2.70	.01	1.79	2.44	3.48	1.58	1.78	18.03
July	4.22	1.53	4.50	4.41	3.94	2.20	2.91	2.49	2.31	2.50	3.24	34.25
August	2.34	4.10	3.04	4.05	3.55	2.52	2.90	4.51	3.32	1.95	3.58	35.86
September...	2.83	1.60	4.11	2.39	3.46	2.63	1.30	3.74	1.98	1.70	5.52	31.26
October	6.37	1.67	.98	4.46	5.00	4.35	3.44	2.27	7.85	4.94	5.13	46.46
November...	3.28	2.89	1.54	4.63	2.77	2.56	8.85	5.23	4.74	9.95	4.22	50.66
December...	3.64	1.99	4.09	4.11	6.48	2.87	.81	2.82	6.11	9.28	5.59	47.79
TOTALS...	41.4	24.05	32.26	42.34	40.98	30.19	35.47	36.78	47.10	44.68	41.86	414.18
	D	D	D	D	D	M.	D	D	D	D	D	✓

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
1920	51° 41'	5° 11' W.						

RAINFALL at St Ann's Head (Coast Guard Station) M.W.R.County of PembrokeObserver The Meteorological OfficeRiver Basin H. - Gliddan & C.The Station Office (40)

Type of Gauge

Annual Average 32.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B&N

Diameter	8.											
Height	1.0.											
Altitude	142.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means	1931-40 Means
January	3.32	4.44	3.29	3.76	1.53	5.73	6.06	4.93	6.48	5.28 4.73	4.91	43.45
February	3.02	.06	4.29	.55	3.55	2.89	4.60	1.48	3.08	5.19 3.00	4.73	28.15
March	2.02	1.59	2.12	2.81	1.11	2.61	2.74	.57	1.76	2.61 1.77	2.61	20.33
April	1.72	2.54	1.35	1.83	3.12	1.94	1.90	.04	1.93	.75	1.77	18.14
May	3.14	3.50	2.53	1.61	.99	1.35	1.13	2.98	1.06	.47	.75	19.04
June	1.72	1.61	2.27	1.27	3.57	3.78	.86	3.82	1.52	2.62	.47	20.89
July	3.57	2.98	1.80	.81	.68	4.34	3.12	3.27	7.81	.13	.13	31.00
August	2.04	.93	2.04	3.65	1.40	.78	.73	4.14	2.53	.90	.13	18.37
September	2.69	2.75	3.11	2.24	5.10	2.39	2.87	2.08	1.27	5.52	.90	25.40
October	1.13	6.71	7.24	3.89	3.94	1.11	4.23	5.94	1.59	8.20	5.52	41.30
November	6.91	2.79	1.87	1.52	4.86	4.55	3.11	8.21	7.60	3.90	8.20	49.62
December	1.94	30.5	1.93	7.83	2.61	3.60	3.93	3.93	2.62		3.90	35.39
TOTALS	33.22	32.95	33.84	31.77	32.46	35.07	34.18	41.44	39.25	36.90		351.08

August 4.38. Offshore gauge in No 28311 in use in connection with windmill with a well pump. Gauge:- very open especially with wind between NECS & NW or direction blowing at 60-100 yds give satisfactory results. Jan 1940 3.05 3.18 1.40. New gauge set up in turf wall. No. 41141. Sta. T. 8/40

* 1940 + 1941-50 with totals compiled using Centre School for purposes of 1946-50 averages.

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

RAINFALL at St Ann's Head (Cont. Gaug. Station)County of Pembroke Observer

River Basin

Type of Gauge

Annual Average 37.1 in. based on years obs. un-weighted. Period of average 1881-1915 Ref. S.I. No. 8

Diameter											
Height											
Altitude	152										1931-1940 Means T _{mean} 51
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means T _{mean} 51
January								5.35		5.33	43.87
February								1.59		5.27	28.69
March								.68		2.88	20.21
April								.04		1.94	18.31
May								3.06		.88	19.17
June								3.94		.58	21.00
July								3.30		3.39	31.77
August							.78			.15	18.39
September							3.10			1.28	25.78
October							4.40			5.01	40.79
November							3.23			8.70	50.12
December							4.41			3.82	35.31
TOTALS										39.23	353.41

Gauge in turf wall.

1.1.40. Gauge set up in turf wall. Printed in M.W.R.

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, EXHIBITION ROAD, LONDON. S.W.7.

Station No. 4114/14

RAINFALL at St Ann's Head (Coast Guard Station) M.W.R. 41

County of Pembrokeshire

Observer The Station Officer M.O.

River Basin H. Cleddon r.c.

Type of Gauge

Annual Average 25.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915. Ref B.A.N. A.W.S. (7240)

File No.

Diameter	8				5 1/2	6 3/4						
Height	1	0				1						
Altitude	142					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	1941-50
January	5.14	5.93	7.38	11.33	4.23	4.52	5.96	7.32	9.6	1.37	47.14	
February	5.04	28	1.99	1.10	4.01	1.72	3.49	1.55	1.87	8.19	29.24	
March	4.29	2.80	.96	.30	1.81	2.00	8.94	2.15	2.28	2.35	27.88	
April	.93	1.53	1.13	2.45	1.95	1.02	(3.38)	2.70	2.87	1.82	19.78	
May	2.66	4.77	3.53	2.23	2.46	4.14	3.36	1.81	2.8	1.39	28.53	
June	.93	10	3.39	1.63	3.80	3.41	2.86	3.03	.24	2.18	21.57	
July	1.73	2.46	1.96	2.39	4.51	1.39	3.10	2.44	2.02	2.64	24.64	
August	3.52	3.07	2.60	3.95	2.01	4.58	1.02	3.79	2.99	6.62	34.15	
September	2.14	4.51	4.24	4.00	2.59	4.53	1.98	3.12	1.11	7.27	35.49	
October	1.96	3.38	4.77	5.68	3.06	2.82	1.77	4.16	7.17	2.71	37.48	
November	3.73	.86	3.44	6.84	1.07	5.43	4.77	3.41	5.19	5.97	40.71	
December	3.50	5.88	2.76	3.08	6.56	4.31	4.20	4.76	3.57	4.24	42.86	
TOTALS	35.57	35.57	38.15	37.98	38.06	39.87	44.83	40.24	32.45	46.75	389.47	389.47

Inspected 13.11.47 B.C.V. Oddie. Gauge found r with crank, repairs. Tuff wall sound. Gauge 6-4 in. Above high water.
 Inspected 30.6.49 E. Evans. The inner receiver is leaking badly around the bottom rim, and needs replacing. "The tuff wall is showing signs of 'sinking' and unless kept in proper state of repair will soon be of no shelter. Sea spray is carried over in high winds from seaward and can have material effect on readings in such conditions."
 Inspected P.S. Holey Sept. 1950 gauge in tuff wall subject to addition in notes W.W.

04004

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

No. of Map

Reference No. 12-826030

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

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

RAINFALL at 9 St. Ann's Head (Coast Guard Str.) M.W.R. Station No. 4114/1

County of Pembroke

Observer The Station Officer H.O.

River Basin 4 Cleddau + C.

Type of Gauge _____

Annual Average 37.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S. (17240)

File No. _____

Diameter ...					<u>5 11</u>	<u>6 37</u>						
Height ...	<u>1'</u>					<u>1</u>						
Altitude ...	<u>142'</u>					<u>51</u>						
Year ...	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>Means</u>	
January ...	<u>4.48</u>											
February ...	<u>3.77</u>											
March ...	<u>4.88</u>											
April ...	<u>2.75</u>											
May ...	<u>2.47</u>											
June ...	<u>0.88</u>											
July ...	<u>100</u>											
August ...	<u>100</u>											
September ...	<u>100</u>											
October ...	<u>100</u>											
November ...	<u>100</u>											
December ...	<u>100</u>											
TOTALS ...	<u>[inc]</u>											

1951 n.p. inc station ceased to record.

No Dumps.

Position of Station on Ordnance One-Inch map: _____ No. of Map _____ National Grid Reference 12-806 030

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
	<u>Only 1917 D</u>	<u>1923 block</u>	<u>1931-36 = 39 n.p.</u>	<u>✓</u>	
	<u>2nd block</u>	<u>1925 H. Kent D</u>	<u>37-38 inc</u>	<u>✓</u>	
			<u>1940 only D.</u>		