

RAINFALL AT *Pembroke Dock County School*

Lat. Lon. County of *Pembroke*

Rain Gauge, by *Casella* Observer *G. H. West Esq.*

Cheddar FC-14.

Diameter ..		5										
Height				a 0	1.0					
Altitude ..		85										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..		5.65	2.65	5.08	4.65	2.02	7.11	2.28	2.42	2.01		
February ..		3.53	2.63	2.92	5.07	1.55	3.75	2.12	1.91	.47		
March		3.96	3.70	5.25	1.97	4.93	2.62	1.32	3.99	6.00		
April		5.75	2.12	2.93	1.44	3.47	.94	3.79	2.85	3.21		
May		1.14	1.94	2.91	2.57	.93	4.27	2.77	2.10	1.13		
June		2.90	3.57	2.02	1.91	1.98	2.11	3.55	.95	1.91		
July		2.25	2.46	4.00	1.17	1.99	1.45	2.02	4.15	3.09		
August		5.70	2.49	6.64	2.58	4.74	5.42	3.99	6.08	2.20		
September ..		8.06	4.35	4.05	4.29	1.88	1.62	1.41	3.60	3.02		
October		6.18	4.11	10.07	2.56	1.95	8.85	9.22	3.83	7.44		
November ..		2.20	6.17	3.06	2.87	6.64	3.93	3.83	2.51	1.74		
December ..		9.09	3.81	4.46	4.29	1.84	4.59	4.35	6.89	6.15		
TOTALS ..		56.41	40.00	53.39	35.37	33.92	46.66	40.65	41.28	38.37		

1901 *St John's Church* ¹⁵⁰ 300 yards W
Building 50 ft high 60 ft W
 1903 *Pembroke Dock Station* ²⁰⁰ 200 yards N
 1905 Rain gauge has been raised to 1 ft above ground for 1906

RAINFALL at Pembroke Dock County SchoolCounty of PembrokeObserver E. H. West byRiver Basin Cleddau + C 4G. H. Garnett (18)Snowdon Rain Gauge, by Casella

Diameter ...	5										
Height	1.0										
Altitude ...	85										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS. Totals
January ...	3.81	2.80	4.90	7.07	2.12	3.75	3.35	1.29	5.42	6.02	16.08
February ...	4.66	2.59	3.40	2.09	4.62	7.60	5.64	2.54	2.67	4.13	14.98
March	1.66	3.43	6.37	5.27	4.77	1.00	2.57	3.69	2.30	5.13	13.69
April	2.30	1.97	.11	4.30	1.13	1.70	2.28	1.95	1.92	3.03	9.18
May	1.90	1.53	1.61	3.97	2.22	2.80	2.63	3.45	1.40	1.52	9.00
June	2.93	2.32	4.60	2.43	1.64	2.93	2.85	3.35	1.44	2.40	10.04
July	2.64	.42	3.11	.68	5.12	4.41	1.28	3.75	3.87	.61	9.51
August	8.59	2.97	6.15	1.79	4.03	2.33	2.70	8.73	2.43	2.82	16.68
September ..	.27	3.30	.62	6.86	2.03	2.50	3.25	2.95	7.31	1.50	15.01
October ...	4.12	5.66	5.64	5.21	2.39	5.79	10.25	5.26	5.47	1.72	22.70
November ..	6.14	5.87	3.82	5.03	4.82	3.22	4.66	3.42	4.28	2.63	14.99
December ...	6.50	10.31	5.95	2.65	8.91	10.11	2.76	1.06	7.50	7.18	18.48
TOTALS ...	45.52	43.17	46.28	47.35	43.81	48.14	44.20	41.44	46.01	38.69	170.34

by Mr West & his successor J H Jones M.A. - from the Modern Sch. Bedford
 School to the high 90 yards S
 1916. Dec corr by ref to F1090.
 B.S. 23.6.53.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51.41.	4.50.4	Pembroke Dock	200 yds	N.	St Johns	200 yds	W.

RAINFALL at Pembroke Dock (County School)County of PembrokeObserver J. H. Garnett, Esq.River Basin 4 - CleddauShawdon Rain Gauge, by Loxella

Diameter ...	5 ¹¹												
Height	1.0												
Altitude ...	85												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 Totals	
January ...	5.66	4.36 4.21 0.25	6.34	1.88	6.70	2.85	6.66	4.96	9.23	3.10	3.23	54.97	
February ...	1.54	2.12 3.43 1.10	4.52	10.57	1.24	5.98	4.61	3.15	3.64	2.39	1.74	39.63	
March	5.39	1.10 1.04	4.58	1.79	2.34	1.09	4.6	3.39	3.78	.52	3.22	29.96	
April	5.73	1.74 1.57	3.12	3.23	2.61	2.30	1.97	1.76	1.55	1.21	2.87	27.39	
May	3.56	1.74 1.00	1.81	1.63	4.53	4.20	2.08	1.78	.94	4.14	1.59	28.23	
June	2.70	1.88 .80	1.70	.93	2.42	.00	2.32	3.09	4.46	1.67	2.93	22.52	
July	6.12	7.43 5.65	6.07	3.12	4.99	2.62	5.47	3.42	(2.05)	(2.42)	4.48	42.64	
August	3.98	2.60 1.38	5.24	4.51	3.67	4.40	2.51	5.19	2.87	2.76	4.56	45.34	
September...	5.56	1.93 1.40	5.85	3.18	4.94	2.84	1.76	4.34	1.92	1.54	5.70	39.01	
October.....	6.33	1.98 4.46	1.44	6.09	6.62	5.14	2.88	2.60	4.03	6.33	6.38	54.24	
November...	4.20	5.04 2.24	1.89	4.65	3.28	3.63	8.46	5.50	6.01	11.59	5.00	58.37	
December...	2.38	2.78 2.76	4.95	4.59	7.83	3.27	.81	3.42	6.68	11.11	7.12	54.40	
TOTALS...	53.15	27.76 0	47.48	46.17	51.47	38.32	39.99	42.60	52.16	48.78	48.82	496.70	

1921. Barometer printed. School cooking kitchen 18 ft. high 53 ft. E

1929. July 27-31, est'd. Ctd. for 60d.

1920. Cooking Kitchen, 18 ft. high, 53 ft. E.

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'	4°52' W.	Pembroke Dock		N	St. John's		W.

RAINFALL at Pembroke Dock (County School)County of PembrokeObserver J.H. GarnettRiver Basin H. - Gledau &c.Type of Gauge SnowdonAnnual Average 42.7 in. based on 22 years obs. un-weighted. Period of average 1881-1902 Ref. S.

768359/27

Diameter	5.											
Height	1.0.											
Altitude	85											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means	Totals
January	4.03	5.32	3.89	4.12	1.67	5.94 4.47	6.74	(5.39)	8.09	5.86		51.05
February	3.97	.08	6.23	.39	5.14	3.06 3.07	7.08	(1.67)	3.85	5.65		36.12
March	2.34	1.72	2.99	4.20	1.47	3.32 3.44	4.49	1.03	1.66	3.58		26.80
April	2.05	2.87	1.63	2.88	4.37	2.03 1.19	2.73	.00	2.16	2.11		24.24
May	4.19	3.24	2.46	2.04	1.22	1.85	3.21	0.95	.89			21.24
June	2.76	1.65	2.24	1.57	4.18	2.83 6.33	1.08	4.87	1.28	.56		27.02
July	5.21	3.21	2.24	.91	.82	5.64 1.95	3.54	4.48	8.16	3.13		38.03
August	4.97	1.00	1.78	5.72	1.59	3.09	.79	4.93	4.18 ³	.15		26.01
September	3.18	3.59	2.39	3.63	6.48	1.74	4.55	2.20	1.20	1.08		31.39
October	1.41	7.21	6.78	3.89	5.06	5.24	4.41	6.58	1.85	6.59		45.52
November	9.37	3.32	1.42	2.04	6.81	4.01	2.82	8.87	8.97	9.79		58.65
December	2.18	4.08	2.40	10.92	3.53	4.05	4.12	3.69	3.05	4.66		42.60
TOTALS	45.66	37.29	85.45	42.31	42.34	41.14 imp.	44.20	46.92	45.35	44.05		424.71

1931. Laboratory kitchen 18' high, 53' E.

Corrected for 10. D.

1934 Laboratory 24' high 63' S.

1936 Monthly totals unreliable.

1938 Jan & Feb. partly solid. from surrounding str.

1940 Workshop 18' high 53' E.

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
1931.			Pembroke Dock		N.	St. John's		W.

RAINFALL at

Pembroke Dock

Station No. 4115

GRAB MARK (County, School)

H. W. Simmons (1944)

County of

Pembroke

Observer

T. H. Carruth Esq.

River Basin

H. Cheddau &c.

Miss H. Hughes (1948)

Type of Gauge

Snowdon

Annual Average 42.7 in. based on 22 years obs. un-weighted. Period of average 1891-1915 Ref. S

File No. 76.8359/27

Diameter	5										
Height	10										
Altitude	85										
Year	1941	1942	1943	1944	1945	1946	1947 (1946-47)	1948	1949	1950	1941-50 Means Total 5
January	5.62	6.42	7.01	3.83	4.62	5.38	11.04 6.85	8.79	2.06	1.42 1.90	50.71
February	5.94	37	1.77	1.38	4.58	1.56	5.54 3.49	1.89	1.95	8.07 5.63	31.49
March	3.56	2.89	1.35	.30	1.50	2.51	11.24	2.06	1.94	2.30 3.25	27.14
April	1.05	1.65	1.53	2.54	2.11	(1.00)	4.39	2.84	2.91	2.11 7.62	21.03
May	3.42	5.73	3.77	1.03	3.24	4.11	7.06	2.33	2.56	7.61	30.87
June	1.09	.16	2.99	2.02	4.17	3.60	6.89	3.65	.38	1.85	23.20
July	2.84	2.97	2.44	2.10	3.02	2.12	6.18	2.73	2.29	3.76	28.26
August	3.92	3.84	3.05	3.43	(2.00)	7.06	7.51 93	4.40	2.22	7.54	37.91
September	1.39	5.81	3.28	4.55	(2.69)	6.08	8.46	2.99	1.82	7.45	38.50
October	2.65	3.60	5.43	7.07	3.63	2.47	3.74 1.46	2.70	2.49	3.90 2.76	41.21
November	3.71	1.23	(3.43)	7.25	1.05	6.36	11.26 4.69	5.47	4.07	6.55 2.26	44.22
December	3.19	6.25	(2.42)	3.46	7.81	5.36	9.39 3.46	7.16	3.48	7.85	47.04
TOTALS	38.28	40.88	(38.47)	38.96	(40.42)	47.41	92.70 imp d n p	47.01	34.30	50.56 11.7	421.58

1941 Train Building about 34' high 33' S. Oct 1941 Gauge moved to more suitable site
 Air Raid Shelter 8' high 21' N.
 Physic Lab. 20' high 20' E.
 Assembly Hall 34' high 18' W.

1942 no better site available now.

1943 no. 2 Dec park esd.

1945 Aug. - part Sep. cal'd.

1946 n.p. unsatisfactory April cal'd.

1947 Chemist's Lab. 25' high 19' E. Assembly Hall 28' high 18' W. School 34' high 33' S. A.R.P. Shelter 9' high 21' N.

1946-47, 50 2d.
 using overlap with
 4113

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.
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1941

Pembroke Dock

N

St Johns

W.

* NPD For purposes of 1916-50 average maps, monthly 10 Gtwp totals were computed using Stockpole Comd 1920-40

Air Ministry, Meteorological Office

Station No. 4113/1

RAINFALL at Pembroke Dock (Grammar School)

County of Pembroke

Observer Miss H. Hughes

River Basin 4-Cleddau + C.

Type of Gauge Snowdon

Annual Average 42.7 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 768359/27

Diameter ...	<u>5"</u>										
Height ...	<u>1'</u>										
Altitude ...	<u>85'</u>										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						<u>(6.00)</u>	<u>3.18</u>	<u>2.17</u>		<u>(5.82)</u>	
February ...						<u>(1.00)</u>	<u>4.05</u>	<u>1.38</u>		<u>4.48</u>	
March ...						<u>1.30</u>	<u>4.98</u>	<u>0.95</u>		<u>2.91</u>	
April ...						<u>1.21</u>	<u>0.22</u>	<u>0.94</u>		<u>(3.09)</u>	
May ...						<u>1.22</u>	<u>1.71</u>	<u>3.16</u>		<u>1.96</u>	
June ...						<u>3.24</u>	<u>2.48</u>	<u>3.84</u>		<u>2.18</u>	
July ...						<u>4.61</u>	<u>7.11</u>	<u>5.79</u>		<u>(3.50)</u>	
August ...						<u>3.52</u>	<u>2.09</u>	<u>5.30</u>		<u>(3.50)</u>	
September ...						<u>4.10</u>	<u>7.16</u>	<u>6.93</u>		<u>(6.00)</u>	
October ...						<u>1.05</u>	<u>3.26</u>	<u>5.07</u>	<u>5.83</u>	<u>6.67</u>	
November ...						<u>1.29</u>	<u>2.66</u>	<u>4.14</u>	<u>10.96</u>	<u>8.25</u>	
December ...	<u>4.85</u>					<u>5.33</u>	<u>3.62</u>	<u>4.49</u>	<u>9.32</u>	<u>4.30</u>	
TOTALS ...	<u>[unc]</u>					<u>33.87</u>	<u>40.22</u>	<u>44.31</u>	<u>-</u>	<u>(52.66)</u>	

1951 n.p. inc School 34' high at 33'S, had 25' high at 13'E, Assembly Hall 28' high 18'W
 1956 n.p. inc too much est. Est. 10.38 for whole of Jan & Feb & part Mar. Arith Corr
 " 15' Dining hall 35'S.
 1957 part est. April, June, Sept, Oct & Nov.
 1959 Sup. Mr. O'Kane 3/59 gauge could not be found. Later known to have been more big boy to his own house during holiday
 1959 n.p. inc.
 1960 n.p. too much est.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference SN(12)718024

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
1951			<u>Pembroke Dock</u>		<u>St. Johns</u>	
1956			<u>Pembroke Dock</u>	<u>1m N</u>	<u>Pembroke Dock</u>	<u>1m N.E</u>

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60