

RAINFALL AT

Pembroke Dock, H.M. Dockyard

Lat.

Lon.

County of

Pembroke

Glaisher Rain Gauge, by J. Willats
Observer W. O. Pellowe Esq CB.
cleareau &c -4.

D. J. Morgan Esq

Diameter ...									8		
Height									10		
Altitude ...									101		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									1.61	1.90	
February ...									1.64	.39	
March									3.72	5.12	
April									3.57	2.63	2.93
May									2.93	2.05	1.24
June.....									3.43	.87	2.02
July									1.91	3.76	3.02
August.....									3.69	5.17	2.06
September ..									1.86	3.51	2.91
October ...									8.15	4.23	6.20
November									3.29	2.11	1.64
December...									3.67	6.77	5.08
TOTALS	38.07	34.51	

1907 St. John's Head 600 yards NE
 Pembroke Dock 2 500 yards NE
 House 20 ft high 200 ft W

RAINFALL at Pembroke Dock Admiralty Reservoirs.

County of Pembroke

Observer D. J. Morgan Esq.

River Basin Cleddau & C 4

H. T. Brownley

Flashter Rain Gauge, by Willatson

W. J. Coldicott.

Diameter ...	8										
Height	10										
Altitude ...	101 ft	90	89.7								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.24	2.19	3.92	6.78	1.78	3.25	2.22		3.97	5.41	
February ...	3.52	2.04	3.12	1.78	3.59	6.61	4.19		1.86	5.89	
March	1.62	2.49	5.70	4.47	4.05	.65	1.60		1.98	5.83	
April	2.10	1.66	.14	3.63	.98	1.48	1.84		1.66	1.57	
May	1.62	1.06	1.43	3.64	1.68	2.43	2.17		1.50	1.88	
June.....	2.56	2.00	4.58	1.89	1.49	3.06	2.56		1.28	1.83	
July	2.44	.44	3.27	.64	4.92	3.97	1.13		3.84	.87	
August.....	8.34	2.74	5.94	1.62	3.34	1.95	2.64		3.12	3.94	
September ..	.16	2.91	.61	6.11	1.79	2.19	3.11		6.84	1.64	
October ...	3.57	5.56	5.50	4.89	2.25	5.06	9.16		4.09	1.39	
November ..	5.24	4.70	3.10	4.62	3.63	2.69	3.56		3.74	2.36	
December ...	5.77	8.62	5.18	2.03	7.37	7.96	3.19		5.86	6.09	
TOTALS ...	40.48	36.41	42.49	42.10	36.87	41.30	39.43	NR	39.74	32.00	
	→	→	→	→	→	→	→	→	→	→	

No object within 200 ft other than Reservoirs on either side

1913 houses 50 ft high 60 yds W.

1919 -> 20/30 ft high 100 yds W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 42'	4° 57'	Pembroke Dock	800 yds	NE	St Johns	400 yds	NE.

RAINFALL at Pembroke Dock (Admiralty R.)

County of Pembroke

Observer

W.G. Collicott, Esq.

River Basin Division - 4

Officer in Charge Works

(1926) N.D.
Glashers

Rain Gauge, by Willats & Sons.

Section Officer, (1930)

Air Ministry.

Diameter ...	8												
Height	1.0												
Altitude ...	90	101	90										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.		
January ...	4.08	4.19	5.34	1.98	6.54	2.53	6.13	5.25	8.15	8.27	6.50		
February ...	1.22	2.4	3.83	9.25	8.2	5.12	4.11	3.40	3.93	2.43	.85		
March April.....	4.28	3.30	3.20	1.79	2.29	.92	.35	3.29	5.12	.65	3.77		
May June	4.65	1.00	2.54	3.04	2.53	1.98	1.53	1.61	1.42	.99	2.30		
May June	2.59	1.89	1.57	1.58	2.69	3.84	1.97	1.69	.85	3.97	2.18		
July	2.73	.00	1.58	.89	3.00	.00	2.14	2.89	14.13	1.66	1.64		
August	5.52	1.81	5.45	2.99	4.88	2.63	6.35	3.69	2.19	2.42	3.28		
September...	2.64	5.43	5.10	4.22	3.67	4.27	3.10	4.85	2.88	2.34	4.74		
October.....	4.57	1.33	5.21	2.98	5.06	2.77	1.32	4.16	1.98	1.74	7.05		
November....	6.04	1.35	1.24	5.70	6.28	5.09	2.92	2.31	8.32	6.41	6.46		
December...	3.40	4.00	1.74	4.13	3.29	3.17	11.06	5.68	6.11	11.87	3.79		
TOTALS.	45.96	26.69	41.70	42.68	48.07	35.07	41.94	42.42	51.67	46.57	49.77		

1921. Storm 20/30ft. 6.2 100yds. W.

Record appears whilst low throughout
of XI-23.

1925: Wall 8 ft. high 220 ft. N.

" " " 150 " S.

" " " 140 " E.

" " " 120 " W.

1929. Corrected for W.D.

1930. Dec. adjusted. R.A.F. took over from Admiralty 1st Jan. 1930.Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51°42'N	5°57'W	Pembroke Dock	1 mile	N.E.	St John's	1 mile	N.E.

RAINFALL at Pembroke Dock (R.A.F.) (Aerodrome)

County of Pembroke

Observer Air Ministry Meteorological Officer

River Basin H. Cleddau &c

Type of Gauge H. O.

Annual Average in. based on years obs. un-weighted. Period of average

Ref. 923711/29

Diameter	8.										Means
Height	1.0										
Altitude	90.	25	40								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	4.05	5.33	3.94	4.20							
February	3.74	1.11	3.74	4.7							
March	2.48	2.16	2.85	3.25							
April	2.99	3.22	1.73	2.62							
May	4.12	2.91	2.51	1.63							
June	2.16	1.57	2.87	1.59							
July	5.71	3.13	2.06	.78							
August	3.70	1.00	1.97	4.60							
September	3.17	3.65	3.18	3.34							
October	1.72	7.80	7.34	3.90							
November	7.62	3.77	1.50	2.05							
December	1.86	3.55	2.66	10.08							
TOTALS	43.32	38.20	36.05	28.51	#						

1931. N. wall 8' high, 220' N.
 S. " 8' " 150' S.
 E. " 8' " 140' S.
 W. " 8' " 120' W.

Corrected for wind.

1933. G. moved 100 yds N.W.
 1934. G. moved 400yds E on Sept-18th

1935. Station closed down

W.T. Pole 25' high 12yds S.

Flagstaff 70' " 30' "

Tree 60' " 18yds "

Tree 12' " 10' "

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931.			Pembroke Dock	3/4 m.	N.E.	St. John's	1/4 m. N.E.
1934.			" "	1 m	E	Pembroke Dock	3/4 m. E

Station No. 4116 H.W.R.

RAINFALL at Pembroke Dock (R.A.F. Station)

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County of Pembroke

Observer Meteorological Office

River Basin Cleddau & C - 4

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No.

Diameter		508	580		8"		5"			
Height			3		1' 0"		1' 0"			
Altitude			41		40'		25'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January						4.94	6.00	8.18	1.77	1.42
February						1.31	3.24	1.72	1.96	7.85
March						2.19	8.83	2.01	1.86	2.70
April						1.09	3.19	2.54	2.77	2.11
May						3.85	3.60	2.42	2.65	1.73
June						3.52	3.24	3.18	.25	1.64
July						2.29	3.84	2.68	3.10	3.76
August						5.64	.89	4.99	2.75	7.35
September						5.40	2.80	4.09	1.70	7.22
October						2.30	1.50	4.41	8.26	3.04
November						6.28	4.85	4.02	5.82	7.31
December						4.91	4.13	6.87	3.67	4.09
TOTALS						43.72	46.11	47.11	36.66	50.22
						D	D	D	D	D

Station closed down 1935, restarted 1946.

1946. Stevenson screen 5' high 12' N. Building 30' high 40° N.N.W.

Tree 30' high 25-30 yds SE-SW. Tree 20' high 20 yds SW-NW.

1947. Gauge moved 440' NW on 18/9. Screen 5' 9" high 14° NE. A.R.P. Shelters 6' high 5° S. House 11' high 15° S.W.

* Moved 15° NW
18/9/47 ✓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	Parish Church.	Distance from gauge	Direction
1946.			Pembroke Dock	1 mile	E.S.E.	Pembroke Dock	½ mile	E.S.E.
1947			" "	1100 yds	100°	" "	1000 yds	115°

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

Station No. 4116 M.W.R.

RAINFALL at Pembroke Dock MET. OFFICE

County of Pembroke

Observer Meteorological Office

River Basin Cleddau & C-4

Type of Gauge H.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 " 45.26 " 36 " 1905-56 " 1916-50 P
 " " 48 " " " File No.

Diameter	5"		508	580							
Height	12"			3							
Altitude	34'			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.99	4.81	1.49	3.83	4.56	5.85	3.27				
February	4.00	0.64	2.72	5.22	3.07	0.79	4.11				
March	5.13	2.95	2.68	4.70	3.24	1.29	4.63				
April	2.86	3.93	2.30	7.7	2.82	1.21	0.26				
May	2.69	3.52	2.46	3.65	3.38	1.10	1.59				
June	0.62	3.03	4.17	2.96	3.96	2.76	3.04				
July	1.14	1.04	4.23	3.65	0.24	4.52	9.32				
August	6.00	5.23	3.10	3.56	0.50	4.46	2.08				
September	4.91	2.15	3.94	3.60	2.39	4.18	7.78				
October	2.21	4.49	3.66	6.18	2.93	1.28	-100				
November	7.63	3.10	4.59	10.56	2.94	1.37	-100				
December	4.71	4.00	1.37	4.35	7.20	6.24	-100				
TOTALS	47.34	38.89	36.71	52.55	37.22	35.07	100	[inc]	DPA		

1957 n.p. inc. Ceased

1959 Terminated

* 1976 Re-named Retro.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 5M 952033

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge
4.9	51° 42'	4° 57'W	262/5				

Summary of Earlier Records from 10-year Sheets: 1916-50 P accepted.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				1946-50	