

# RAINFALL AT

*Pembroke Dock* *Wm. Dockyard*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Pembroke*

*Glaisher* Rain Gauge, by *J. Hillaby*

Observer *W. O. Feltow Esq. C.E.*

*cleaned &c -4.*

*D. J. Morgan Esq*

Diameter ...								8			
Height .....								10			
Altitude ...								101 <del>7</del>			
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 ..								1.36	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. Johns Church* <sup>600</sup> 600 yards NE  
*Pembroke Dock* <sup>800</sup> 800 yards NE  
*House* <sup>1100</sup> 20 ft high 200 ft W

RAINFALL at Pembroke Dock Admiralty Reservoirs.County of PembrokeObserver D. J. Morgan EsqRiver Basin Gladdan & C 4H. J. Brownlyflasher Rain Gauge, by Willat & SonW. 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 ...	3.82	2.04	3.12	1.78	3.59	6.61	4.19		1.86	3.29	
March .....	1.62	2.49	5.70	4.47	4.05	.65	1.60		1.98	3.83	
April .....	2.10	1.66	.14	3.63	.98	1.48	1.89		1.66	1.57	
May .....	1.62	1.06	1.43	3.64	1.68	2.43	2.17		1.50	1.28	
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	.57	
August .....	8.34	2.74	5.94	1.62	3.34	1.95	2.67		3.12	3.74	
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	37.43	NR	39.74	32.00	
	7	3	3	3	5	3	3		3	2	

No object within 200 ft other than Reservoirs on either side  
 1910 1st house 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'	45'	Pembroke Dock	800 yds	NE	St Johns	400 yds	NE.

RAINFALL at Pembroke Dock (Admiralty R.)County of PembrokeObserver W. S. Goldie, Esq.River Basin Adrian - 4Officer in Charge Works  
Section Officer, (1930)  
Air Ministry(1926) M.O.  
GlasgowRain Gauge, by W. L. A. S. S.Air Ministry

Diameter ...	8"										
Height .....	1.0										
Altitude ...	90	101	90								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.08	4.19	5.34	1.98	6.54	2.53	6.13	5.25	8.15	2.27	6.50
February ...	1.22	2.43	3.83	9.25	8.2	5.12	4.11	3.46	3.93	2.43	8.5
March .....	4.28	3.30	3.20	1.79	2.29	.92	.35	3.29	5.12	.65	3.77
April .....	4.65	1.00	2.54	3.04	2.53	1.98	1.53	1.61	1.42	.99	2.30
May .....	2.59	1.59	1.57	1.58	2.69	3.84	1.97	1.69	.85	3.97	2.18
June .....	2.73	.00	1.58	.89	3.00	.00	2.14	2.89	1.14	1.66	1.64
July .....	5.52	1.81	5.45	2.99	4.58	2.63	6.35	3.69	2.19	2.42	3.28
August .....	2.64	5.43	5.10	4.22	3.67	4.27	3.10	4.85	2.88	2.34	4.74
September...	4.57	1.33	5.21	2.98	5.06	2.77	1.32	4.16	1.98	1.74	7.05
October .....	6.04	1.35	1.24	5.70	6.28	5.09	2.92	2.31	8.32	6.41	6.46
November...	3.40	4.00	1.74	4.13	3.29	3.17	11.06	5.68	6.11	11.87	3.79
December...	4.24	2.15	4.90	4.13	7.02	2.75	.86	3.54	6.29	9.82	7.21
TOTALS...	45.96	26.69	41.70	42.68	48.07	35.07	41.84	42.42	51.67	46.57	49.77

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

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

" " " 150" S.

" " " 140" E.

" " " 120" W.

1929. Corrected for W.D.

1930. Dec. adjusted. K.A. F. took over from Admiralty 1<sup>st</sup> Jan. 1930.Record officers: W. L. A. S. S.2. g. 11-23.Position of Station on reduced Ordnance Survey  
Map, 2 miles 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
1920	51° 42' N.	5° 12' W.	Pembroke Dock	1/2 mile	N.E.	St. John's	1/2 mile	N.E.



RAINFALL at Pembroke Dock (R.A.F.) (Aerodrome)County of PembrokeObserver Air Ministry Meteorological OfficerRiver Basin H. Cleddau & c.Type of Gauge M.O.

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

923711/29.

Diameter	8.											
Height	1.0.											
Altitude	90.		25	40								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.05	5.33	3.94	4.20								
February	3.74	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	7.8								
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' E.  
 W. " 8' " 120' W.

Corrected for W.D.

1933 G. moved 100 yds N.W.  
 1934 G. moved 450 yds E on S.W. 1933

1935 Station closed down.

W.T. Pole 25' high 12 yds S  
 Flagstaff 70' " 30"  
 Tower 60' " 18 yds  
 Tower 12' " 12"

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.			Pembroke Dock.	$\frac{3}{4}$ m.	N.E.	St. John's	$\frac{1}{4}$ m.	N.E.
1934			"	1 m	E	Pembroke Dock	$\frac{3}{4}$ m	E.

Station No. 4116 H.H.R.

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

41

County of PembrokeObserver Meteorological OfficeRiver Basin Stoddan & C-4Type of Gauge M.O.

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

File No.

Diameter			508	560		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	8.76	3.04	
November						6.28	4.85	4.02	5.32	7.31	
December						4.91	4.13	6.87	3.67	4.09	
TOTALS						43.72	46.11	47.11	36.66	50.22	

Nov 49 528

704.49 3662

Station closed down 1935, restarted 1946.

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

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. Shelter 6' high 5' S. Hux 11' high 15' S-W.

\* Moved 155' NW  
15/9/47Position 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.
1946.			Pembroke Dock	1 mile	E.S.E.	Pembroke Dock	1/2 mile	E.S.E.
1947			" "	1100 yds	100°	" "	1000'	115°

BRITISH RAINFALL ORGANIZATION

# Air Ministry, Meteorological Office

Station No. 4116 N.W.R.

RAINFALL at Pembroke Dock MET. OFFICE

County of Pembroke

Observer Meteorological Office

River Basin Uddau & C-4

Type of Gauge M.O.

Annual Average in. based on 9 years obs. un-weighted. Period of average 1916-50 Ref. P  
 " " 45.26 " " 35 " " 1948-56 " " 48 File No.                     

Diameter ...	<u>5"</u>			<u>508</u>	<u>580</u>							
Height ...	<u>12"</u>				<u>3</u>							
Altitude ...	<u>34'</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>	Means	
January ...	<u>5.94</u>	<u>4.81</u>	<u>1.49</u>	<u>3.85</u>	<u>4.56</u>	<u>5.85</u>	<u>3.27</u>					
February ...	<u>4.00</u>	<u>0.64</u>	<u>2.72</u>	<u>5.22</u>	<u>3.07</u>	<u>0.77</u>	<u>4.11</u>					
March ...	<u>5.13</u>	<u>2.75</u>	<u>2.68</u>	<u>4.70</u>	<u>3.24</u>	<u>1.29</u>	<u>4.63</u>					
April ...	<u>2.86</u>	<u>3.73</u>	<u>2.30</u>	<u>1.77</u>	<u>2.82</u>	<u>1.21</u>	<u>0.26</u>					
May ...	<u>2.67</u>	<u>3.52</u>	<u>2.46</u>	<u>3.65</u>	<u>3.38</u>	<u>1.10</u>	<u>1.59</u>					
June ...	<u>0.62</u>	<u>3.03</u>	<u>4.17</u>	<u>2.96</u>	<u>3.96</u>	<u>2.76</u>	<u>3.04</u>					
July ...	<u>1.14</u>	<u>1.04</u>	<u>4.23</u>	<u>3.65</u>	<u>0.24</u>	<u>4.52</u>	<u>4.32</u>					
August ...	<u>6.00</u>	<u>5.23</u>	<u>3.10</u>	<u>3.56</u>	<u>0.50</u>	<u>4.46</u>	<u>2.08</u>					
September ...	<u>4.91</u>	<u>2.15</u>	<u>3.94</u>	<u>3.60</u>	<u>2.39</u>	<u>4.18</u>	<u>7.78</u>					
October ...	<u>2.21</u>	<u>4.49</u>	<u>3.66</u>	<u>6.18</u>	<u>2.43</u>	<u>1.28</u>	<u>-100</u>					
November ...	<u>7.63</u>	<u>3.10</u>	<u>4.59</u>	<u>10.56</u>	<u>2.44</u>	<u>1.37</u>	<u>-100</u>					
December ...	<u>4.71</u>	<u>4.00</u>	<u>1.37</u>	<u>4.35</u>	<u>7.20</u>	<u>6.24</u>	<u>-100</u>					
TOTALS ...	<u>47.34</u>	<u>38.87</u>	<u>36.71</u>	<u>52.55</u>	<u>37.22</u>	<u>35.07</u>	<u>102</u>					
	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>inc</u>					

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 SM952033

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
<u>49</u>	<u>51 42</u>	<u>4° 57W</u>	<u>262/5</u>			

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
				<u>1746-50</u>	
				<u>D 46-50</u>	