

# RAINFALL AT Portland H.M. Breakwater

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

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

County of Douglas

Glaisher

Rain Gauge, by \_\_\_\_\_

Observer L. P. Enck

From - 3.

Diameter ...									8		
Height .....									15		
Altitude ...									23 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									.97	1.10	
February ...									1.57	.27	
March .....									2.64	4.05	
April .....									2.06	1.44	
May .....									1.85	1.44	
June .....									.50	3.54	
July .....									1.80	1.97	
August .....									2.60	2.83	
September ..									2.59	2.82	
October ...									10.73	6.56	
November ..									1.31	.97	
December ...									4.79	4.93	
TOTALS ...									33.41	31.92	

1908 1/2 John Church 3/4 Mile S S  
 Portland Station 1 Mile N  
 Wooden Fence 5 ft high 6 ft S

## RAINFALL at

Naval Depot  
Portland H.M. Breakwater

County of

Dorsetshire

Observer

J. C. Malin Esq H. A. Brainerd Esq.

River Basin

Frome + C 3

wp. Fletcher

Rain Gauge, by

Diam

$$\left\{ \begin{array}{l} 7.84 \\ 8.00 \\ 7.93 \\ 8.10 \end{array} \right\} \text{enormous but right v. 111}$$

Years accurate all over.

Diameter ...	8										
Height .....	1 5										
Altitude ...	23 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.34	1.25	5.47	5.39	.87	4.11	.89	1.05	3.35	6.69	
February ...	4.39	1.71	2.81	1.62	5.62	5.57	5.45	1.28	1.18	4.13	
March .....	.88	2.99	4.92	3.03	5.54	1.03	3.49	2.87	1.28	4.76	
April .....	1.42	1.81	.06	2.47	1.47	1.03	.50	1.28	1.59	1.32	
May .....	1.92	1.09	2.75	2.25	1.47	2.42	1.57	2.35	1.65	.85	
June .....	2.25	1.91	3.61	.43	.46	.95	.96	1.63	.64	.86	
July .....	3.35	.12	2.17	.56	3.71	3.14	.75	2.51	3.18	1.94	
August .....	2.52	.62	5.95	1.41	3.63	1.21	4.35	4.25	1.61	3.33	
September ...	.14	1.02	2.21	3.11	1.67	1.91	2.55	1.86	6.58	1.17	
October ...	4.86	4.54	4.98	3.78	1.94	4.58	5.51	4.79	1.35	1.54	
November ...	4.91	4.39	2.03	3.74	5.71	2.38	4.87	1.38	2.29	3.14	
December ...	5.56	8.54	5.20	2.18	7.92	9.01	6.39	1.07	2.71	5.00	
TOTALS ...	35.54	29.99	42.16	29.97	39.73	37.34	37.28	26.32	27.41	34.73	
	ing 2	2	3	3						3	

1910 S. John's  
Dance 5' 6" high 15 ft S + N

Inspected } in sheltered yard, good exposure, but much movable material about.  
Es. 24 VIII-17 } at joint: repairs promised immediately.

g. leaking badly

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50.34 N	2.25.46 W	Portland	1 mile	W	S. John's	3/4 mile	S W

RAINFALL at Portland (R.R. & Naval Depot)County of DorsetshireObserver M. Young Esq., G.E.River Basin Freme - 3D. G. Taylor Esq.  
Officer in Charge.Glaisher Rain Gauge, by

Diameter ...	8.										
Height .....	1.6										1.0
Altitude ...	25										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	5.20	3.77	4.22	1.42	4.09	5.44	4.33	2.22	4.41	1.62	5.17
February ...	6.5	3.8	2.48	5.88	1.28	4.61	1.95	2.94	2.88	1.88	1.08
March .....	2.75	1.45	2.87	1.64	1.54	.57	.32	3.17	3.09	.17	1.40
April .....	2.95	.90	3.13	3.65	2.59	2.85	3.19	2.41	1.63	.96	2.44
May .....	1.65	1.77	.91	1.88	3.51	3.91	1.85	1.03	1.45	2.56	2.34
June .....	2.59	.33	.82	.70	1.63	.41	2.83	2.13	2.11	1.95	.37
July .....	3.94	.21	4.25	1.10	3.74	4.41	1.95	2.57	1.75	1.35	1.87
August .....	1.67	1.52	2.90	1.74	2.20	2.77	.17	3.06	2.23	1.68	1.89
September...	1.53	.90	1.68	3.03	3.37	3.68	.70	6.60	2.03	.50	3.76
October .....	1.92	.85	1.83	6.26	4.77	5.40	3.22	2.35	6.71	4.15	2.71
November...	1.71	2.42	2.33	1.70	4.15	3.10	11.24	3.14	3.41	7.81	5.67
December...	4.41	1.69	5.13	3.22	5.63	4.50	.56	4.80	3.62	7.30	4.57
TOTALS...	31.42	16.19	32.55	32.22	38.50	41.65	32.71	36.42	35.32	31.93	33.27
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.

1920. tree 4 ft. high. 10 ft. off. S.

1925. Stone wall 6 ft high 17 ft W. Stone wall 6 ft high 18 ft N.

Wood fence 5 ft " 26 ft S.

1925 not printed total high. See (5.699750/26).

1926 " " " " " "

1927 not printed, too big.

1930. Inspected 16/1/30. See Green Lake.

Inspected by R. Corless 31/3/1931. Exposure perfectly satisfactory but gauge horizontal beam

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.	50° 34'	2° 26' W.	Portland.	1 mile	W.	St. John's	1 m.	S. W.



RAINFALL at Portland (H.M. Naval Depot)County of DorsetshireObserver The Works OfficerRiver Basin Frome &c - 3Type of Gauge GlaisherAnnual Average in. based on years obs. un-weighted. Period of average Ref. 679780/26

Diameter	8.										
Height	1.0.										
Altitude	25.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.43	2.21	2.27	2.58	.62	4.97	4.88	4.06			
February	1.92	.12	4.28	.06	3.16	3.52	5.87	1.04			
March	1.44	2.00	3.41	2.79	1.09	3.66	3.97	.40			
April	2.27	2.47	1.40	1.87	3.68	1.45	2.41	.06			
May	3.56	2.34	1.97	.72	2.06	.57	3.13	1.45			
June	3.08	2.81	.41	1.30	3.86	1.53	.69	.43			
July	3.62	1.99	1.92	.13	.36	3.92	4.28	1.84			
August	3.21	1.01	.59	2.88	2.76	.09	2.04	2.46			
September	1.69	3.66	3.80	4.74	3.32	2.01	2.06	1.19			
October	.58	6.24	1.20	2.13	5.29	1.27	3.77	3.62			
November	4.77	2.40	.99	1.73	7.55	3.36	2.72	6.05			
December	1.33	1.41	1.10	9.68	4.46	3.66	4.10	3.41	#		
TOTALS	29.90	28.66	23.34	28.61	38.21	30.01	39.92	26.01	N.R.		

Inspected 31.5.31, gauge battery: repaired 30.11.31.  
 1931. Stone wall, 6' high, 17' W. & 18' N.  
 Wood fence 5' 26' S.  
 1939 Record terminated measure broken, observer not prepared to buy another.

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			Portland	1 m.	W.	St. John's	1 m.	S.W.