

## RAINFALL AT

Holyhead

Sailor's Home

Lat.

Lon.

County of

Anglesea

MO. Rain Gauge, by

Observer The Meteor Council

Diameter ..	8											
Height ....	...			1	0							
Altitude ..	...			4	8							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.11	1.78	2.52	4.83	4.37	2.26	4.35	1.80	3.52	2.00	3.154	
February ..	5.66	2.07	1.55	2.80	3.62	1.40	3.18	1.75	1.92	.66	2.461	
March ....	.90	2.83	2.11	5.36	2.82	4.34	2.46	2.40	3.67	3.47	3.036	
April .....	1.59	2.55	1.37	1.70	1.84	2.64	1.15	2.54	3.80	3.35	2.253	
May .....	2.27	1.10	3.23	2.13	1.19	1.43	3.42	2.67	1.91	1.37	2.072	
June .....	1.94	1.99	3.31	2.48	2.20	2.70	1.46	4.75	2.83	.76	2.442	
July .....	1.62	1.19	2.11	3.12	1.97	1.27	1.31	2.07	4.35	4.95	2.396	
August ....	5.33	3.64	2.38	3.81	3.31	4.06	4.71	3.87	3.94	2.25	3.730	
September ..	1.36	2.80	2.27	5.08	3.71	1.94	1.00	.87	3.97	4.40	2.740	
October .....	4.54	5.61	4.09	6.44	1.61	2.69	5.90	8.22	1.88	6.58	4.756	
November ..	3.53	4.48	2.82	3.17	2.78	5.81	2.73	4.30	4.14	2.75	3.657	
December ..	4.52	3.68	3.61	4.10	3.55	1.72	4.71	3.90	5.38	5.34	4.051	
TOTALS ..	37.37	33.72	31.37	45.02	32.97	32.26	36.38	39.14	41.31	37.88	36.742	

+ Inspected 17.II.06. H.R.M.



In wooden frame.

RAINFALL at Holyhead LighthouseCounty of AngleseyObserver Meteorological Office

Employer

River Basin

Rain Gauge, by

Diameter ...	8											
Height .....	10											
Altitude ...	48				15							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SOMS
January ...	3.72	1.28	2.28	4.33	1.95	3.72	1.97	2.05	3.65	4.72		16.79
February ...	3.81	2.73	2.37	1.63	3.69	4.41	3.94	2.36	3.52	1.51		239
March .....	1.83	1.51	4.76	3.21	3.17	.79	2.01	1.89	1.49	5.12		1133
April .....	3.60	2.01	.23	2.92	.69	1.80	1.58	1.77	1.40	1.84		1051
May .....	2.16	1.41	1.31	2.44	1.89	1.91	4.10	3.74	3.08	1.14		659
June .....	2.48	1.50	4.44	2.28	.98	1.08	1.69	2.40	1.64	1.77		126
July .....	3.10	1.22	4.44	1.52	3.24	2.58	2.16	2.01	4.21	1.46		749
August .....	5.52	2.83	3.37	1.39	2.29	2.00	2.20	8.94	1.25	2.44		980
September ..	1.02	3.44	.84	4.21	2.66	.99	3.27	2.52	7.39	3.40		1483
October ...	1.78	3.26	5.50	3.91	1.93	3.88	4.80	5.67	4.71	2.45		658
November ..	6.14	5.07	3.10	4.63	3.62	3.65	3.31	2.60	2.72	2.36		763
December ...	5.02	7.17	3.24	1.55	6.87	8.12	4.60	2.48	5.45	5.49		1099
TOTALS ...	40.18	33.43	35.88	34.07	32.98	34.93	35.63	38.43	40.51	33.70	35.74	1802

1914 Jan. - June Absolute 57.9  
July, Dec "

1913 March 12, new gauge erected at Salt Island  
+ read simultaneously with old gauge at Holyhead until end  
of April, there was no appreciable difference in amount.  
the new gauge figures were adopted for May. 7.5. 20. XII. 22  
See also for Holyhead at original station (M.P.S.)

+ Inspected

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

RAINFALL at Holyhead (Brit. Island) (Old Site)County of AngleseyObserver Meteorological Office  
W. Davies 1921 H. E. Spence  
Air Ministry

River Basin \_\_\_\_\_

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

Gauge A. 7.8 in.

Diameter ...	8										
Height .....	1.0										
Altitude ...	15	27									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.59	5.32	4.38	2.64	5.28	2.16	3.41				
February ...	2.16	4.2	3.39	5.40	6.4	5.52	2.95				
March .....	7.07	3.69	2.15	1.27	1.57	.78	0.63				
April .....	3.55	1.69	2.58	2.81	2.93	1.84					
May .....	4.29	2.12	1.09	1.43	4.93	3.98					
June .....	3.14	.18	1.14	.78	2.92	.06					
July .....	7.77	3.78	3.85	3.24	3.65	2.34					
August .....	3.63	5.00	3.79	4.79	3.26	2.67					
September...	2.46	2.14	3.93	4.30	6.55	3.88					
October.....	3.81	2.34	1.56	5.02	3.37	4.01					
November...	2.32	2.10	1.56	5.24	3.20	2.98					
December...	3.67	3.60	4.25	3.59	5.37	3.33					
TOTALS.	48.48	32.88	33.67	40.51	43.70	33.55					

G. moved 1.22 about 300 yds N of old site to more open position see M.O. 2 file.

1923-25. Entered II/26.

Record ceased March 1926

STANDARD ~~RAIN~~ PREVIOUS TO 1923.

Mean 1922 N 1923

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	53°18'	4°39'W	Holyhead					



RAINFALL at Holyhead, Salt Island.20  
New SiteCounty of AngleseyObserver Air MinistryRiver Basin -Rain Gauge, by -Standard Gauge

Diameter ...			8										
Height .....			1.0										
Altitude ...			26										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS	1922-30	
January ...			3.79	2.55	4.82	1.99	3.21	3.13	5.78	2.28	5.51	32.86	
February ...			3.02	4.84	6.0	5.29	2.83	2.64	3.41	1.76	.45	21.84	
March .....			1.84	1.12	1.44	.67	.47	3.85	2.75	.44	3.62	16.20	
April .....			2.28	2.58	2.81	1.70	1.58	.77	.74	.96	2.03	15.48	
May .....			.89	1.23	4.76	3.72	2.12	1.06	1.28	2.52	1.20	18.75	
June .....			1.30	.70	2.83	.05	1.33	3.56	3.99	1.30	1.52	16.58	
July .....			3.56	2.94	3.63	2.21	2.47	1.56	1.70	2.24	2.53	22.84	
August .....			3.54	4.47	3.13	2.68	3.05	5.74	2.92	2.91	4.71	33.15	
September...			3.56	3.96	6.20	3.89	1.56	3.20	1.46	1.54	3.10	28.17	
October .....			1.34	4.62	3.28	3.87	3.25	2.82	5.79	6.10	5.98	37.05	
November...			1.48	4.74	3.03	2.73	6.61	5.90	5.89	6.48	4.61	41.47	
December...			3.87	3.32	4.83	3.11	.73	2.56	3.83	6.15	4.95	53.35	
TOTALS...			30.47	36.87	4.86	31.61	20.21	36.79	39.57	34.68	46.21	320.77	

STANDARD FROM 1923 TO MARCH 1926

1928 Check up.

1929 - do. -

Standard since 1922 or 1923  
until April 1926Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926.	53° 19'	4° 37'						

# RAINFALL at HOLYHEAD (Salt Island) (New Site)

(Experimental, in dip.)

County of Anglesey

Observer Air Ministry

River Basin

Rain Gauge, by

STANDARD  
Gauge in dip; Experimental

Diameter ...										8	
Height .....										10	
Altitude ...										25	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means 1930
January ...				<i>imp</i> 5.17	2.17	3.50	3.41	6.03	2.89	5.87	
February ...				5.26	.66	5.45	3.11	2.91	3.58	2.69	0.46
March .....				1.22	1.50	.72	.50	4.17	2.88	.55	3.73
April .....				2.76	2.86	1.94	1.66	.81	0.80	.98	2.11
May .....				1.29	4.81	3.86	2.18	1.13	1.28	2.59	1.26
June .....				.79	2.90	.06	1.38	3.69	4.06	1.36	1.56
July .....				3.26	3.64	2.27	2.56	1.64	1.79	2.82	2.60
August .....				4.80	3.31	2.77	3.22	5.89	2.96	3.09	4.81
September...				4.42	6.28	3.69	1.54	3.41	1.51	1.61	3.14
October .....				5.10	3.43	4.19	3.43	2.96	5.84	6.16	6.11
November...				5.25	3.17	2.65	7.14	6.00	6.04	7.16	4.68
December...				3.51	5.52	3.32	.81	2.54	3.93	6.50	5.13
TOTALS...				<i>imp</i> 43.25	32.99	31.03	38.56	110.70	37.40	41.46	

1923-25 entered II/26.

STANDARD SINCE APRIL 1926

1929 It was discovered in Jan. that rim of gauge was  
2 in above ground level. This was rectified Ensl ISA  
File 820127/28

1930. G. read 0700. 1800 G.M.T. in Winter &amp; Summer.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929.	53° 19'	4° 27'	Holyhead	$\frac{3}{4}$ m.	S.	St. Cybi	$\frac{1}{2}$ m.	S.W.

## RAINFALL at HOLYHEAD (Salt Island - Old site)

County of AngleseyObserver Air Ministry

River Basin \_\_\_\_\_

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

Gauge B.

Diameter ...											
Height .....											
Altitude ...											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...						2.17	3.46				
February ...						5.49	3.01				
March .....						.76	0.58				
April .....						1.84					
May .....					# 4.93	3.98		#			
June .....					2.95	.06					
July .....					3.71	2.32					
August .....					3.26	2.70					
September...					6.46	3.81					
October.....					3.39	4.06					
November...					3.18	2.85					
December...					5.32	3.32					
TOTALS...						33.36					

1924-25 Entered II/26.

Record ceased March 1928

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



RAINFALL at Holyhead (Salt Island.) (+A) M.W.R.

County of Anglesey Observer Meteorological Office

River Basin..... Assistant in Charge (440)

Type of Gauge..... Old dip gauge. Meteorological Office av. w. sheet

Annual Average 34.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. X

Values from this gauge used in M.W.R. sheet for period Nov. 1934 to Apr. 1936 when values 4408/1

Diameter .....	8.											
Height .....	1.0.											
Altitude .....	26.											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....	2.61	4.83	3.93	3.53	1.89	4.91	3.26	3.80	6.04	6.01	40.81	
February .....	2.39	.21	2.05	.26	2.45	2.41	4.57	.92	3.06	4.07	23.39	
March .....	1.28	1.48	2.18	1.98	.94	2.74	1.54	1.45	2.58	2.05	18.22	
April .....	1.85	1.79	.90	1.24	2.31	1.36	1.93	.21	1.90	2.56	16.05	
May .....	3.39	2.53	1.49	3.93	1.45	1.22	.75	2.48	.66	1.83	19.43	
June .....	4.10	1.40	1.39	1.57	2.26	4.99	2.35	4.07	1.62	.76	25.61	
July .....	1.71	3.60	1.42	.44	.35	3.67	2.18	4.11	4.70	2.45	24.63	
August .....	2.74	1.52	1.44	2.91	1.84	2.10	1.61	2.05	2.00	.56	18.77	
September .....	3.08	2.69	.94	3.81	6.06	3.49	2.99	1.94	1.23	2.41	28.64	
October .....	1.97	5.24	3.48	4.89	4.79	2.00	6.40	6.62	3.48	4.14	43.01	
November .....	6.14	3.50	1.81	2.76	5.88	3.44	1.85	5.96	3.90	6.05	41.29	
December .....	2.27	4.34	2.33	9.57	3.43	5.63	4.01	4.35	2.47	2.81	41.21	
TOTALS .....	33.53	33.13	23.36	36.89	35.75	37.96	33.44	37.96	33.64	35.40	341.06	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1933, when inspected X11/33 it was found that the existing trigonometrical had been maintained as originally constructed, of 150584/32 - 37.

1935. In positions of gauges see plan over.

1935 Values copied from f. 156587/32 enc. 107 A. 7.37.

1936 Values from Apr. from 107 A as above, values May-Dec from 4408/1 where they were immediately copied 7.37.

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

RAINFALL at Holyhead (Salt Island)

County of Anglesey

Observer Meteorological Office  
(Assistant-in-charge)

River Basin.....

Type of Gauge New clip-standard g.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....  
Ref.....  
156587/32

Diameter	.....											
Height	.....											
Altitude	.....											
Year	.....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	.....					1.82	4.85					
February	.....					3.35	2.47					
March	.....				* 1.94	.91	2.71					
April	.....				1.20	2.26	1.36					
May	.....				3.87	1.42	1.22					
June	.....				1.55	2.30	4.99					
July	.....				.42	.33	3.67					
August	.....				2.80	1.80	2.10					
September	.....				3.67	6.00	3.49					
October	.....				4.79	4.72	2.00					
November	.....				2.75	6.02	3.44					
December	.....				9.47	3.48	5.63					
TOTALS	.....					35.41	37.93	..				

\* 1934 New clip standard g. surrounded by turf wall. These values used in M.W.R. Gauge from old site (200 ft. back of 4405).  
(from 1934 to April 1936. Values may be transferred about 4405 (7.3))

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



RAINFALL at Holyhead (Salt Island)County of AngleseyObserver H. O. Assistant-in-Charge

River Basin .....

Type of Gauge Old gauge

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

156587/32

Diameter .....											
Height .....											
Altitude .....											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	2.58	4.60	3.65								
February .....	2.22	.22	1.84								
March .....	1.24	1.44	2.10								
April .....	1.80	1.78	.84								
May .....	3.28	2.45	1.47								
June .....	3.99	1.35	1.37								
July .....	1.67	3.50	1.37								
August .....	2.72	1.50	1.41								
September .....	2.95	2.59	.92								
October .....	1.87	4.97	3.52								
November .....	6.02	3.39	1.76								
December .....	2.11	3.85	#								
TOTALS .....	32.45	31.64									

# Readings from this g. discontinued mid-December. Gauge re-erected at site (see back 4308) & surrounded by turf-wall readings from g. at new site on 4408/1

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

Station No. 4408RAINFALL at Holyhead (Salt Island) (+A) ✓ MWR

41

County of Anglesey Observer Meteorological Office

River Basin .....

Type of Gauge Old dip gauge M.O. 1942Annual Average 31.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. ....

File No. ....

Diameter	8"	5"			532	408						
Height	1' 0"					1						
Altitude	26					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.72	7.39	5.48	4.46	2.33	5.42	4.96	7.27	2.37	1.19		43.89
February	3.12	1.06	2.57	1.61	3.56	3.27	1.15	1.47	1.24	4.78		23.93
March	2.41	3.10	1.10	0.54	1.10	1.61	5.83	2.31	2.59	2.46		23.05
April	1.56	1.20	1.07	1.72	2.14	83	3.54	1.12	1.81	2.39		1738
May	2.74	3.19	3.23	2.20	2.61	1.62	3.17	1.25	1.72	0.72		2246
June	0.77	0.12	2.16	1.80	3.50	2.09	2.84	2.78	0.49	1.09		1764
July	1.60	1.87	2.00	3.78	2.73	2.49	2.38	2.47	1.86	2.06		2324
August	2.52	3.31	3.71	2.36	0.60	4.38	0.43	3.08	2.65	4.49		2753
September	1.77	3.12	2.82	4.36	2.40	3.74	3.31	3.24	2.18	7.08		3402
October	4.13	3.98	4.45	4.38	2.82	1.02	6.39	2.07	5.72	3.91		3287
November	3.70	0.85	2.48	5.88	50	6.53	3.66	2.55	4.50	3.56		3421
December	1.40	6.29	2.47	3.07	4.69	4.02	2.01	3.93	3.09	4.02		3499
TOTALS	28.44	35.40	33.54	36.16	28.98	37.02	33.67	33.54	30.22	37.75	33480	✓ 10

1942. M.O. Gauge brought into use on 12<sup>th</sup> Aug. also M.O. measure tapered 5" (mm)

297.05

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

No. of Map .....

Reference No. SH 252832

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

BRITISH RAINFALL ORGANIZATION

Station No. 4408

MWR

RAINFALL at Holyhead (Salt Island) (t A)

51

County of Anglesey Observer Meteorological Office

River Basin.....

Type of Gauge..... H.O.Annual Average 34.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref.....

File No.....

Diameter ...	5"				532	408					
Height ...	1' 0"					1					
Altitude ...	26'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.27										
February ...	3.42										
March ...	4.41										
April ...	1.94										
May ...	2.03										
June ...	.56										
July ...	1.32										
August ...	4.57										
September ...	<del>1.08</del>										
October ...	1										
November ...	1										
December ...	-1.00										
TOTALS ...	-1.00 inc n.p.										

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SH 252832

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
	53° 19'	4° 37' 4"	38' ?	82m 372		

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19 OLD SITE	1920-30 OLD SITE	1931-40 NEW SITE	1941-50 NEW SITE	1951-60
	1910-18 1919 D	1921-25 D 1926-30	1931-34 D 1935-36 N.P. 1937-40 D New SITE	1941-47 D 1948 1949-50 D New SITE	