

## RAINFALL at Rhymney Bridge Reservoir

County of Glamorgan

Observer A. W. Branson Esq. CE

River Basin Rhymney

Rhys-Jones Esq. Ch.

Bradford

Rain Gauge, by Caelli

Diameter ...			5									
Height .....	1	0										
Altitude ...	1098											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means. Totals	
January ...	1.85	7.30	9.25	4.15	5.70	5.00	1.90	5.72	7.31	19.93		
February ...	6.92	4.85	3.80	9.25	9.65	9.35	1.91	5.14	3.59	19.99		
March .....	2.36	11.35	10.65	8.45	1.75	4.40	4.57	3.39	6.17	19.23		
April .....	3.35	.50	9.70	2.36	1.85	2.40	3.08	2.72	2.67	10.87		
May .....	1.80	2.40	3.50	2.75	3.00	3.75	3.61	2.15	.94	10.25		
June .....	3.25	6.45	2.55	2.55	1.62	2.80	3.88	1.64	1.83	10.17		
July .....	.26	6.50	1.10	5.40	5.86	1.77	3.40	6.01	2.15	13.33		
August .....	3.00	11.73	2.65	4.00	5.85	5.75	9.74	3.06	4.43	22.98		
September ..	4.40	1.86	3.50	2.85	2.25	2.35	3.71	11.40	2.82	20.48		
October ...	5.55	6.30	7.25	4.00	4.74	12.93	8.14	3.81	2.61	27.49		
November ..	9.43	4.50	9.15	7.00	4.50	6.84	3.26	5.37	4.41	19.91		
December ...	15.50	9.25	3.45	10.40	13.50	3.97	1.57	9.24	11.47	26.25		
TOTALS ...	57.67	72.59	66.55	63.16	60.26	61.34	48.77	59.65	50.92	220.69		

1914 Norm. 20yrs high 10ft

BP

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 47'	3° 18'	Rhymney Bridge	470 yds	SSE	Rhymney	2300 yds	SSE

## RAINFALL at Rhymney Bridge Report

County of Glamorgan

Observer J. Prosser Jones Esq., F.C.E.

River Basin Rhymney - 7

E. Walker Edwards, F.C.E.

Tong, Rhymney Valley Water Bd.

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

Diameter ...	8									8		
Height .....	1.0									0.6		
Altitude ...	1099	1133	1098							1150		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
										MEDIAN 1930		
January ...	8.80	8.29	6.89	5.01	7.71	8.05	10.62	7.35	11.91	2.87	11.78	89.28
February ...	3.57	4.41	8.47	15.13	7.92	11.99	5.82	5.20	6.80	1.92	.84	61.07
March .....	7.27	6.95	5.22	2.27	2.74	1.63	1.78	6.77	6.37	.99	4.55	44.64
April.....	10.99	1.25	4.39	4.75	5.79	4.73	3.53	2.06	2.57	.97	5.83	46.86
May .....	14.11	1.98	1.43	4.08	6.58	6.93	3.51	2.02	0.91	5.92	2.94	40.01
June .....	14.61	2.6	1.55	7.96	3.58	.00	2.59	5.88	4.70	4.45	1.36	29.94
July .....	6.81	2.48	6.31	3.24	8.47	2.73	2.74	6.63	2.92	3.72	4.94	50.95
August .....	2.42	5.15	4.16	4.47	6.33	4.84	5.58	10.14	5.57	3.70	7.38	59.41
September...	5.36	3.25	3.98	5.48	9.62	4.62	2.63	7.93	1.95	1.21	7.86	53.81
October.....	7.04	2.67	1.75	10.40	9.18	7.05	5.07	5.63	14.00	10.38	9.84	82.0
November...	2.99	5.06	2.90	4.71	4.90	3.13	13.80	5.81	12.33	17.71	9.20	82.5
December...	7.91	5.99	8.34	6.12	10.42	4.78	.81	4.21	5.25	18.50	7.00	79.58
TOTALS...	71.98	(43.73)	55.61	66.62	75.24	60.48	53.48	69.63	75.26	72.34	73.52	722.9
	sq. miles	D	d	D	P	D	D	D	D	D	D	DP

G. area " 50 yds. S x 50 yds. W 1-6-21.

1929. House 20 ft. high, 30 yds. N.

1930. G. read in winter 8 a.m.

Summer

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	Parish Church.	Distance from gauge	Direction
1920	51° 47' N. 3° 18' W		Rhymney Bridge	500	S.	Rhymney	650	S.E.

## RAINFALL at Rhymney Bridge Reservoir

County of Glamorgan

Observer E. Watkin Edwards, G.E.

River Basin T. Rhymney

The Engineer

Type of Gauge M. O.

Annual Average 56.8 in. based on 13 years obs. unweighted. Period of average 1931-1940 Ref. S.

Diameter	8.										
Height	0.6										
Altitude	1150										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	5.79	13.74	6.16	8.77	2.01	9.48	11.58	10.10	10.32	3.53	81.48
February	5.62	0.10	7.26	.72	8.21	3.72	8.94	3.16	6.56	4.50	48.79
March	1.16	4.70	5.89	4.98	2.25	5.55	4.35	1.92	3.20	4.89	37.59
April	5.22	6.05	1.53	4.81	8.29	3.46	4.59	1.40	5.53	6.03	45.91
May	5.47	6.81	2.19	3.36	1.51	1.64	2.18	4.70	1.01	2.00	30.87
June	5.60	2.42	3.36	1.77	7.30	3.27	1.81	3.71	3.41	1.19	33.84
July	5.27	5.74	5.00	3.12	1.14	10.19	3.15	4.85	12.31	5.58	56.98
August	6.33	2.07	1.12	5.47	1.83	1.02	1.29	4.44	3.15	.75	21.47
September	2.46	6.77	2.71	4.41	10.45	4.81	2.63	2.37	1.28	3.28	40.77
October	1.82	11.10	8.14	7.28	9.11	4.60	4.07	9.80	8.79	9.09	70.80
November	16.73	4.57	1.62	3.63	10.66	7.56	2.12	9.41	12.75	13.26	83.31
December	3.77	4.67	1.49	15.60	6.05	10.54	4.71	6.85	3.63	4.48	61.79
TOTALS	65.24	68.74	46.20	63.92	68.81	66.14	52.32	60.71	68.94	58.58	619.60

1931. House 20' high, 30 yds. N.

1940 Jan. &amp; Feb. postponed.

BP

Position of Station on reduced Ordnance Survey Map, } No. of Map.....  
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931.			Rhymney Bridge $\frac{1}{4}$ m. S.			Rhymney.	$1\frac{1}{4}$ m. S.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 4095

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## RAINFALL at Rhymney Bridge Reservoir +A

County of Glamorgan

Observer The Engineer

River Basin Rhymney

Type of Gauge M.O.

Annual Average 5.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref S  
 This average is no longer applicable to record + A.

File No. C-2016/45

Diameter	8				468	027					
Height	0.6					1					
Altitude	1150					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means totals
January	4.55	5.89	11.84	7.89	548	7.56	5.31	14.11	2.58	2.17	67.38
February	6.42	1.18	5.74	2.04	7.77	7.48	1.34	3.78	3.01	10.73	49.49
March	4.73	4.95	1.76	1.46	260	1.95	10.52	2.98	9.66	3.51	36.12
April	1.34	4.44	2.02	3.33	276	1.94	5.62	3.74	5.47	4.54	35.20
May	3.70	4.84	6.05	3.60	438	4.14	2.88	3.87	4.82	3.04	44.32
June	2.03	.56	5.07	4.11	544	6.57	3.55	6.24	1.69	2.84	37.50
July	2.53	3.24	3.85	H.09	436	2.82	3.64	2.06	1.05	6.42	34.06
August	8.05	7.51	5.86	H.75	382	9.92	.66	5.90	3.45	9.08	59.00
September	.87	5.25	5.38	6.05	480	8.92	3.16	4.45	2.63	7.46	48.97
October	11.62	5.57	4.5	18.74	699	1.43	1.83	6.18	9.93	2.83	59.63
November	5.46	1.31	5.79	9.84	1.18	12.35	7.20	3.33	6.56	8.94	61.96
December	4.98	10.32	2.95	5.55	10.14	6.04	5.90	10.58	7.33	4.28	68.07
TOTALS	56.28	58.06	60.82	60.45	59.72	71.12	51.61	67.22	50.58	65.84	601.70

1941. House 20' high 90' away N.

1945. Record adjusted, annual total unchanged (obsr not informed).

BP.

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.
1941			Rhymney Bridge	14m	S	Rhymney	1 1/4 m S.

Air Ministry, Meteorological Office

Station No. 4095

RAINFALL at Rhymney Bridge Res +1.

County of Glamorgan.

Observer The Engineer.

River Basin 7-Rhymney

Type of Gauge M.S.

Annual Average in. based on years obs. un-weighted. Period of average 1916-50 Ref. S  
" " 61.13 " " 39 " " within 1916-50 " " File No. E 3016/45

Diameter	8"			488	027						
Height	0' 6"					1					
Altitude	1150'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	11.06	9.03	2.44	4.34	4.31	8.17	6.86	5.68	8.27	8.19	68.35
February	7.59	1.62	2.65	6.87	2.63	1.01	8.34	8.88	.62	6.48	47.19
March	6.26	3.44	3.99	5.32	3.52	3.20	6.81	1.99	7.16	3.16	44.95
April	5.99	3.82	3.94	1.48	2.45	2.33	3.4	1.89	7.37	4.86	34.47
May	3.90	4.77	3.59	3.26	6.48	1.55	3.17	5.69	2.74	2.28	37.43
June	1.22	3.23	2.41	6.99	6.68	3.52	1.27	4.25	2.94	2.85	35.38
July	1.56	2.16	6.08	5.39	0.77	14.80	5.22	4.52	5.85	6.82	42.17
August	6.45	8.73	6.25	6.41	1.56	6.46	4.78	5.70	1.43	6.25	54.22
September	4.72	4.22	5.65	7.75	3.01	7.09	8.76	10.19	.36	6.38	58.33
October	1.77	6.11	4.06	11.17	4.48	2.58	5.63	8.02	6.70	8.85	59.47
November	13.41	(4.56)	5.23	15.34	6.51	2.32	3.26	3.37	10.20	15.74	79.94
December	9.29	5.87	2.49	6.58	9.01	7.89	6.48	6.49	16.53	8.59	79.22
TOTALS	73.32	57.56	48.78	80.90	51.41	50.92	61.34	66.67	70.17	80.95	442.02

1952. New Port est. with ref. local stations.

1952. House 20 ft. 30 yds N.

N.B. Rhymney

00024

Position of Station on Ordnance One-Inch map:			No. of Map	National Grid Reference 2032/105110	
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church
1951			Rhymney Bridge	1/2 m. S.	Rhymney.

Summary of Earlier Records from 10-year Sheets:			1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C1711	/	/	/	/	

Dowdy 18417 ✓ 21 d ✓ 18517+5d