

RAINFALL AT Barryfadocton W.W. Pencoedtree

Lat.

Long.

County of Glamorgan

Rain Gauge, by

Observer

J.A.B. Williams Esq. C.E.
E. M. Waite Esq. C.S.

o gauge etc - 5.

Diameter					5						
Height					1.0						
Altitude		200			T						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.52	1.98	2.79	3.50	1.09	2.14	1.45	4.82			
February	2.48	5.49	3.80	.12	.61	4.81	1.89	2.13			
March	1.33	.40	3.16	3.57	5.11	3.76	1.56	.36			
April	2.19	.19	2.52	1.81	.57	3.70	.67	2.44			
May	1.21	2.48	1.93	.00	.11	1.43	2.92	1.11			
June	1.62	.78	2.68	1.74	2.24	3.17	1.65	.69			
July	2.51	4.74	4.40	5.10	1.61	1.72	1.04	1.50			
August	4.62	2.81	5.14	3.67	3.03	6.69	2.95	.95			
September	3.87	2.28	2.24	.96	8.75	7.45	3.12	1.85			
October	2.30	7.12	4.96	4.96	4.95	1.32	5.56	1.90			
November	2.59	2.55	5.20	3.60	.94	2.42	2.61	2.40			
December	3.75	3.67	4.41	4.96	5.64	4.54	3.64	2.54			
TOTALS	30.99	34.49	43.23	33.99	34.65	43.15	29.06	22.69			

1899 Not printed 12 inches short

RAINFALL AT Barry 15.5 Pencoedtow 1 mile N

Lat.

Lon.

County of Glamorgan

Rain Gauge, by

Observer E.W.Winter Esq Ch.

Dymore etc - 5.

J.E.Franklin Esq Ch.

Diameter ..		5								
Height		10								
Altitude ..		200T								
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..		1.12	2.17	4.77	3.68	1.37	5.24	2.62	2.16	2.05
February ..		.51	.84	2.39	4.99	1.09	2.73	1.63	1.86	.74
March		1.94	2.27	4.04	2.73	5.45	3.09	1.07	2.02	2.74
April.....		5.55	2.12	2.01	1.58	2.23	.75	3.29	3.08	3.02
May57	1.66	2.70	2.22	.34	5.20	2.18	1.29	1.74
June		3.40	2.16	2.40	.75	2.41	2.24	3.60	.41	2.24
July		2.35	1.93	5.61	4.28	2.59	1.97	4.55	2.97	3.13
August		3.48	3.04	5.53	4.06	3.50	3.21	3.30	3.85	3.06
September..		2.73	3.32	3.47	2.39	1.54	1.26	.86	4.39	4.02
October....		4.59	3.39	8.95	3.75	1.54	3.72	6.97	4.53	6.21
November ..		1.38	3.72	3.56	3.55	5.10	5.65	2.90	1.75	.57
December ..		5.87	4.52	3.70	2.81	1.80	2.24	6.33	2.75	7.10
TOTALS ..		33.49	31.14	49.13	36.79	28.96	37.30	39.30	31.06	36.62

1905 Cadwrtwr Church 1 mile S.S.E

Station 1/4 - 5

Farm House 20 ft high 150 yards N

RAINFALL at Barry W.W. Reservoir Res.

County of Glamorgan

Observer J. E. Franklin Esq. C.E.

River Basin Ogmore & C 5

Snowdon Rain Gauge, by

leak in inner can last until vessel sound
 it appears that observer uses rag as for melting Diffan for any water which leaked through.
 Sealing was attended to by Mr. Franklin.

Weekly

Diameter ...	5										
Height	1 0										
Altitude ...	200 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.60	1.22	4.25	6.07	1.08	2.36	1.95	2.93	4.68	5.79	
February ...	3.15	1.26	2.40	1.46	2.11	2.60	4.72	1.22	2.28	3.73	
March	1.63	4.59	5.15	3.04	4.38	1.66	4.19	2.24	1.11	5.88	
April	2.91	1.59	.76	2.91	1.97	.92	2.03	1.93	2.90	1.05	
May	2.55	1.43	1.62	2.78	1.30	2.74	4.24	2.11	1.12	1.10	
June.....	5.11	1.78	4.70	1.61	2.45	.21	2.98	1.67	1.29	.82	
July	2.43	.74	2.44	.45	5.15	4.65	2.18	4.57	6.21	1.78	
August.....	4.36	2.53	11.78	.50	4.09	1.33	3.28	5.58	3.74	5.29	
September ..	2.43	2.01	.33	3.00	2.64	2.06	2.93	2.37	8.88	1.90	
October ...	5.05	2.08	4.80	3.02	1.65	3.42	5.10	6.78	4.00	2.82	
November ..	4.63	5.03	1.95	4.34	3.30	2.70	4.93	3.13	2.58	2.35	
December ...	5.54	6.26	4.84	1.49	5.34	6.49	2.20	.80	5.74	5.94	
TOTALS ...	42.29	30.52	46.02	30.67	35.46	31.14	40.73	34.83	44.53	34.85	36.954

Installed 28. July 19. S. fixed in concrete so that mouth about 1ft in above ground.
 situated on top of reservoir level with ground in enclosed ground. Sufficiently sheltered
 by trees in distance on S + W + N Open on E to sea

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

Laderton, (1929)

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RAINFALL at Barry, N.W. (Pencaelte Res.)

County of Glamorgan

Observer G. E. Franklin, Esq., C.B.

River Basin Ogmore - 5

Barry N.W.

5' Snowdon

M. Rain Gauge, by

W.

2 ft above ground

Diameter ...	5'									5'
Height	1.6	1.0								20 10
Altitude ...	200									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	M.EAN. 1929.
January ...	6.72	4.35	2.16	2.97	3.43	1.94	3.54	1.97	3.82	1.96 4.61
February ...	1.96	.76	3.27	3.28	.34	4.63	2.82	3.83	2.46	1.00 .81
March	1.93	2.06	3.04	2.62	1.05	1.84	.38	3.57	3.33	.89 2.04
April.....	1.97	.67	3.74	2.34	1.41	1.40	1.70	1.32	2.52	.52 2.49
May	2.71	1.12	1.29	2.67	4.13	2.42	.87	1.26	.80	3.81 1.53
June	2.27	.53	1.24	.51	2.71	.56	1.64	2.61	2.52	2.13 1.30
July	6.80	.71	3.11	.96	4.30	3.35	1.74	2.57	2.53	2.65 2.94
August	2.23	2.65	3.83	4.39	3.40	6.29	3.01	3.05	3.06	3.67 5.41
September...	2.91	4.15	2.33	2.76	4.54	3.91	1.62	5.69	.74	.56 4.07
October....	2.76	2.06	.77	3.45	3.36	4.81	3.08	2.72	4.08	5.56 4.58
November...	2.31	1.52	2.05	3.70	2.01	1.49	5.55	3.95	4.16	9.87 3.46
December...	4.09	2.70	4.05	2.54	4.95	2.67	.67	1.71	4.27	6.66 4.40
TOTALS...	111.66	23.08	30.88	32.19	36.18	34.31	26.62	34.25	31.62	39.28 37.64
										W.

1920 readings taken weekly.

1924 N.P. replaced 56.5-842/25.

1925 Readings taken weekly. Low : N.P.

1926. Low. not printed.

1927. 1928. Replaced by R. Colton on 2nd May. Replaces satisfactory range old but of standard type. Funeral break, which probably accounts for low readings. See Proc. Roy. Met. 663382/26

1928 New R. Colton. New g. in 1928 after inspection.

1929. Adjusted with new July. Adjusted by current stations

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
1920			Laderton			R. Colton (Laderton Royal Chapel)	

RAINFALL at Barry w/w. (Pencoedre Reservoir)

County of Glamorgan

Observer J. C. Aghelin, Esq.

River Basin 5-Ogmore &c.

R. L. Arpinall, Esq.

Type of Gauge.....

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

663382/26

Diameter	5										
Height	10										
Altitude	200										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.82	4.88	3.18	2.92	1.35	3.99	4.62	5.09	6.23		
February	3.15	.03	8.92	.75	3.69	1.77	6.54	1.60	2.55		
March	.49	1.36	4.18	1.99	1.06	3.48	3.81	.53	0.94		
April	3.12	1.41	2.16	2.09	5.21	3.11	4.50	.22	1.86		
May	5.51	3.38	3.39	1.40	1.48	2.55	2.79	2.78	1.05		
June	3.02	1.03	1.88	1.76	3.52	4.24	.85	1.73	1.51		
July	4.14	2.16	2.88	1.22	.17	7.89	3.30	3.37	5.46		
August	5.14	2.40	2.25	5.49	2.84	1.16	.74	4.44			
September	3.04	4.56	2.16	5.19	10.49	3.93	2.11	2.27			
October	1.03	6.91	4.33	3.04	6.36	2.37	3.69	7.99			
November	4.26	2.72	1.20	2.39	6.19	4.17	1.97	5.35			
December	3.69	1.67	2.76	10.44	3.65	3.97	2.06	5.00			
TOTALS	39.41	32.51	34.28	39.88	45.51	42.65	37.00	40.37	3.46	N.R.	

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

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