

RAINFALL AT *Cardiff W.W. Cantreff Reservoir*

Lat. _____

Lon. _____

County of *Brecknock*

Rain Gauge, by _____

Observer *J. A. B. Williams Esq. C.E.**C. H. P. Reservoir, Esq. C.E.**Taff 14.*

Diameter	5										
Height	10										
Altitude	1120										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	12.67	6.76	4.16	4.52	7.94	6.19	3.70	2.68	6.26	13.45	6.833
February	1.81	.20	3.52	9.45	7.52	.26	2.19	7.70	5.24	7.43	4.532
March	4.83	3.20	1.91	1.11	5.48	6.08	8.72	9.92	2.48	3.56	4.729
April	1.89	5.48	2.14	.19	3.32	3.65	2.04	4.89	4.90	8.15	3.665
May	2.77	5.61	2.56	4.43	5.24	.86	.14	3.56	4.77	4.18	3.112
June	4.69	3.74	3.50	2.88	3.74	1.67	2.87	4.04	4.49	2.19	3.381
July	4.26	4.58	3.02	5.24	5.09	8.04	2.93	3.31	2.43	2.11	4.111
August	5.71	11.08	5.69	4.57	4.97	7.60	4.20	9.10	8.72	2.07	6.371
September....	3.05	5.98	5.14	3.72	1.89	1.91	10.64	8.02	2.32	5.29	4.796
October	3.95	13.94	6.16	5.92	9.15	4.92	3.63	4.08	9.09	6.29	7.203
November....	9.10	5.79	5.36	4.42	10.48	11.13	2.47	8.02	6.48	6.39	6.964
December	1.44	11.86	4.04	8.76	7.03	6.75	12.36	14.51	12.95	4.37	8.407
TOTALS	56.17	78.22	47.20	55.21	71.85	59.06	60.89	79.83	70.13	65.48	64.404

RAINFALL AT *Candipw. Controff Reservoir No. 2*

Lat.

Lon.

County of *Brecknock*

Rain Gauge, by

Observer *C. H. Priestley Esq. & Co.*

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Diameter ..	5										
Height	10										
Altitude ..	1120										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.05	6.02	4.60	12.04	10.94	3.25	11.17	5.12	8.03	4.26	7.348
February ..	8.06	2.38	3.02	8.23	9.15	3.33	5.68	4.25	4.96	1.37	5.043
March	1.20	6.00	4.39	12.35	3.29	10.89	5.81	4.19	6.46	6.63	6.121
April	3.45	7.27	3.55	3.31	6.23	7.59	1.62	6.65	4.22	5.72	4.961
May	4.36	1.56	3.63	5.59	4.21	.87	6.01	4.46	6.53	2.89	4.011
June	5.74	3.31	3.78	2.26	2.74	5.30	2.89	8.74	2.10	4.78	4.164
July	2.35	1.28	2.74	4.62	4.06	2.21	2.29	5.35	8.19	6.19	3.928
August	7.05	5.51	4.92	9.75	5.60	7.53	5.97	9.18	10.24	2.90	6.865
September ..	4.26	4.18	2.89	6.73	3.76	2.88	2.20	1.89	4.38	4.82	3.799
October	10.25	4.14	6.23	17.65	5.11	4.09	9.07	10.24	4.47	15.47	8.672
November ..	6.63	3.17	6.41	4.92	5.05	6.51	9.02	4.75	4.91	3.66	5.503
December ..	13.50	11.88	7.76	6.29	6.96	3.05	5.46	10.94	7.53	15.47	8.884
TOTALS ..	74.90	56.70	53.92	93.74	67.10	57.50	67.19	75.76	72.02	74.16	69.220

hus

RAINFALL at Candiff W.H. Cantruff Res No 2County of BreconObserver C H Priestley Esq. cl.River Basin Taff L

Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	1120											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 -MEANS. Totals	
January ...	9.62	3.20	8.10	7.88	6.74	8.19	10.44	3.02	7.49	9.13	30.08	
February ...	10.45	9.62	6.51	4.07	10.55	11.49	11.26	1.98	7.55	5.05	25.84	
March	2.47	3.20	14.06	13.03	11.29	2.62	3.54	4.55	3.68	2.22	19.99	
April	5.56	4.79	.93	11.20	2.60	3.31	4.13	3.09	3.08	3.41	13.71	
May	3.72	2.45	3.49	4.37	4.35	2.74	4.15	3.96	2.69	2.06	12.86	
June	5.10	5.85	7.84	3.85	2.70	1.70	4.53	3.33	1.89	3.19	12.94	
July	6.16	.51	5.48	1.46	6.22	7.48	2.56	4.80	9.18	1.61	18.15	
August	10.12	4.73	13.48	3.65	6.52	3.30	5.32	15.46	3.56	4.63	28.97	
September ..	.70	4.27	1.51	3.52	2.97	1.44	3.89	4.11	14.15	4.15	26.30	
October ...	7.11	5.17	8.19	7.20	4.30	5.34	14.14	10.49	5.95	3.24	36.82	
November ...	8.48	11.50	5.70	12.20	8.88	4.97	8.60	6.23	5.95	4.21	24.99	
December ...	13.49	15.84	13.31	4.95	13.55	16.30	6.04	2.48	13.44	13.59	35.55	
TOTALS ...	82.98	71.13	88.60	79.38	80.77	69.88	81.60	63.56	78.61	62.49	286.20	

+ Inspected

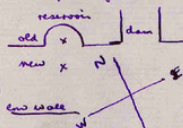
Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Cardiff W.M. (Canterbury R.) 162County of BreconObserver L. H. Buckley, Esq., C.E.River Basin Jeff 4(1926) H. J. Peires Esq.Cusnowdon Rain Gauge, by Coella
R 20 3644

Diameter ...	5													
Height	1.0													
Altitude ...	1120													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 TOTALS		
January ...	11.92	11.86	7.07	5.39	7.75	9.16	11.30	8.94	15.93	3.00	13.54	105.86		
February ...	5.15	18.10	2.8	15.93	6.5	13.30	7.41	6.64	9.94	1.80	.66	71.94		
March	8.48	8.47	7.21	2.46	3.23	1.68	2.17	7.76	6.34	1.57	4.48	53.85		
April	11.40	1.53	4.99	5.22	6.48	6.08	3.90	2.79	2.34	1.01	5.11	50.87		
May	6.47	2.75	2.15	4.33	5.43	9.23	4.30	3.69	.87	6.20	3.08	48.50		
June	7.28	.56	2.30	1.90	4.37	.00	3.76	6.58	6.98	4.94	3.46	42.13		
July	9.43	4.24	8.31	4.80	6.98	3.62	4.37	7.54	4.87	5.76	7.67	64.59		
August	3.50	7.62	5.44	5.71	8.87	6.28	8.04	12.31	7.21	5.75	7.89	78.62		
September...	5.95	4.34	5.25	5.60	10.43	5.15	3.52	9.79	2.28	2.37	8.35	63.03		
October	6.77	2.50	1.76	12.03	9.37	10.01	6.44	8.96	15.12	10.15	9.80	92.91		
November...	3.79	4.79	3.43	6.05	5.55	3.99	14.73	7.76	13.95	18.19	9.56	91.79		
December...	10.43	7.40	9.59	6.47	11.67	7.14	.86	4.69	7.59	18.93	7.64	92.71		
TOTALS...	905.7	86.26	65.08	75.89	80.78	75.64	70.80	87.45	93.42	79.67	81.24	859.80		
	P	D	D	D	D	D	D	D	D	D	D	D		

Inspected 19.11.24

S. on projection into reservoir above dam.



Good fraction. Recommended moving 5 yds further in.
 Goes to SW well subtended angle of less than 40° in
 navigation (they are practically full grown & at a
 considerable distance).

This begins.

1929 values confirmed by Engineer (File 660558/16. Enc 59A)

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

RAINFALL at Cardiff W.W. (Cardiff Reservoir) N° 2. M.W.R.County of BaconObserver N.T. Pelly, G.E.River Basin 4- Staff.H.W.B. Cottrell Esq. C.E. (1938)

Type of Gauge

G.W. Cover Esq. C.E. (1939)Annual Average 69.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 373660558/26

Diameter	5	0	5								
Height	1	0	1	0							
Altitude	1120	1080									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals
January	6.54	13.13	7.32	11.34	2.68	8.59	12.13	12.58	12.43	3.76	90.50
February	6.80	17	7.56	7.6	8.56	3.29	10.54	3.61	7.83	6.75	55.97
March	1.02	4.09	6.41	5.15	2.22	4.42	4.88	1.44	3.15	7.02	39.80
April	5.09	6.34	2.47	5.27	8.86	4.13	5.82	3.9	4.96	5.25	48.57
May	5.93	7.87	1.96	5.07	2.16	1.94	2.51	4.94	1.14	1.95	35.47
June	6.97	2.29	3.38	2.14	7.90	5.13	3.58	5.36	5.42	1.18	43.35
July	6.66	6.96	5.41	2.30	1.42	10.70	4.41	5.69	14.69	4.75	62.99
August	6.30	2.90	1.64	5.92	2.71	1.72	1.56	5.87	4.95	9.3	34.50
September	3.34	7.19	2.58	5.67	8.90	5.37	3.29	2.56	1.08	4.88	44.86
October	2.48	12.76	10.56	7.99	9.18	5.37	4.29	12.40	5.73	8.71	79.47
November	14.84	5.75	2.00	11.27	9.82	7.77	3.32	11.37	14.88	15.82	89.84
December	4.50	4.54	2.62	17.30	6.15	10.79	5.19	7.38	4.99	5.40	68.95
TOTALS	70.47	73.99	53.91	73.18	70.55	69.32	61.52	73.59	81.25	60.49	694.27

Inspected 17/7/35. Site is reasonably satisfactory, rather exposed to N.W. wind

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. T.F. 4155

RAINFALL at Coxhill W.H. (Coxhill Reservoir) M.W.R.

41

County of BromObserver G.W. Cooper, Esq., C.E.River Basin Le-TaffType of Gauge StandardAnnual Average 44.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915. Ref. P.B. 373File No. 660558/26

Diameter	5				488	988					
Height	10					1					
Altitude	080					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	550	746	1210	1023	573	1049	651	1754	363	340	82.29
February	796	98	565	257	1103	886	218	510	394	1287	61.14
March	596	594	162	57	418	269	1171	501	330	470	45.68
April	196	321	278	446	498	213	607	444	708	633	43.44
May	413	829	625	398	596	419	307	466	593	296	49.42
June	198	23	774	490	679	1045	440	836	103	479	50.69
July	432	606	527	517	467	407	462	277	219	714	46.28
August	897	723	710	458	485	1062	69	813	448	1011	66.70
September	140	606	658	754	681	1199	433	842	338	1120	67.71
October	1147	747	652	1034	868	127	162	578	1093	452	68.60
November	518	133	647	1274	105	1438	983	447	822	925	72.92
December	689	1137	376	629	1060	775	809	1341	1050	424	82.90
TOTALS	6572	6563	7184	7337	7533	8889	6312	8809	6467	8121	737.77

1949. Inspected 21/6 Mr. G. Burns. Site of met. stn. on level plot 80 yds W. of dam, 12-15 yds above water level. Gauge on path of down-sloping. Ridge of hills slope 15-20° N.W. to Comm. to plant with these which will better suit the site. Reconsidered that climate stn. be set up by Brynmawr Res. so that it can be replaced about a rain-gauge to be left there in any case.

* place m. W.R. end of 1951 + Brynmawr becomes m. W.R.

Asphyctic gauge as follows.

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.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Cardiff WW (Cardiff Reservoir) Station No. W155 TF56 **51**
 County of Brecknockshire Observer G. W. Jones Esq. CE
 River Basin 4-Taff Cardiff Corporation
 Type of Gauge Snowdon

Annual Average 69.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. PS 373 P
1916-1950 File No. 660558126

Diameter ...	5"				488	988					
Height ...	1' 0"					1					
Altitude ...	1080'	1120'				51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	9.93	8.08	2.53	4.21	5.34	9.68	6.78	8.33	X	10.25	
February ...	7.56	1.84	3.77	7.22	3.08	.90	8.17	11.84	0.87	8.85	
March ...	7.69	6.09	6.95	5.74	4.35	4.16	9.46	2.20	7.36	3.40	
April ...	6.95	5.11	4.61	2.36	4.18	1.87	.62	2.16	7.67	6.60	
May ...	3.50	5.79	4.29	4.48	6.96	2.55	3.53	7.07	1.80	2.13	
June ...	2.17	5.06	2.27	6.74	8.17	4.38	1.41	4.52	3.27	4.02	
July ...	1.99	3.05	9.98	7.04	1.63	7.12	7.32	5.96	3.20	9.17	
August ...	10.09	9.44	6.02	8.41	1.95	8.12	5.79	7.22	1.64	5.74	
September ...	6.74	4.29	7.30	10.20	3.79	7.25	11.87	11.83	0.98	6.36	
October ...	1.92	6.40	4.34	16.76	4.08	3.53	7.90	8.49	8.32	9.56	8.32
November ...	12.98	5.05	7.57	13.95	5.61	2.68	3.95	4.19	10.43	17.83	
December ...	9.01	7.86	2.21	8.48	11.30	8.97	8.66	7.40	17.73	11.04	
TOTALS ...	80.33	68.06	61.78	95.59	60.44	61.21	79.46	81.21	76.93	94.95	759.96
	D	D	D	D	D	D	D	D	D	D	

Commenced M.W.R. after XII/51.

Inspector L. Jacobs 12/14. 5. 52. Rain gauge at 1/2 in. Read at 19.16.6.52. Gauge added to gauge after previous inspection. Inspected May 1956 m. Dikes. Gauge sound. Site 0/5 SW c/c NE, SE. c/s effect small but likely to increase as trees grow to SW

7/9/73.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 22/98.5155

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-12 - 1913-17 D 1918 - 1919 D	D	D	D	