



# RAINFALL AT

25  
Lake Vyrnwy

Lat.

Lon.

County of

Montgomery

Rain Gauge, by

Observer

J. J. Martin Esq. C.E.  
E.D.

Section, L. bank - 5.

Diameter ....	5										
Height .....	...	7									
Altitude ....	...	770									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	12.58	5.99	4.19	3.32	8.36	4.85	2.02	1.81	6.17	10.22	5.951
February ....	.83	.62	2.96	9.81	11.08	1.01	1.31	6.14	6.57	3.86	4.419
March .....	3.16	2.74	2.09	1.44	6.60	4.67	7.62	8.11	1.71	2.97	4.111
April .....	1.96	4.11	1.50	.81	2.49	2.71	2.03	5.13	4.33	5.22	3.029
May .....	3.93	4.75	4.28	2.63	3.86	.83	.19	2.20	6.27	3.68	3.262
June .....	3.14	4.21	2.71	2.93	3.08	1.31	2.37	4.29	2.97	3.34	3.035
July .....	3.30	3.48	3.48	3.98	3.14	5.79	2.35	1.70	1.20	2.04	3.016
August .....	5.92	9.34	5.01	4.57	4.51	5.72	2.44	6.29	8.07	2.29	5.416
September....	1.73	5.90	5.11	4.03	.94	3.22	9.08	4.90	2.32	4.25	4.116
October .....	4.11	8.04	6.11	5.16	7.50	5.17	6.09	1.80	5.79	4.84	5.461
November....	8.82	4.87	4.11	3.94	6.90	7.51	1.40	6.51	5.02	4.07	5.215
December ....	1.41	13.75	3.68	7.64	7.51	5.59	6.21	8.94	9.73	4.09	6.853
TOTALS ....	50.89	67.80	45.23	50.26	65.97	48.38	43.11	57.82	60.15	50.87	54.048

1891 Llanwddyn New Church 550 yards NE  
 Tree 45 ft high 81 ft NE  
 House 25 " " 192 " S

# RAINFALL AT

60 Lake Yyrnwy

4256

Lat. ....

Lon. ....

County of

Montgomery

Rain Gauge, by

Observer

E. D. Martin Esq. cl.

Leven L. bank - 5.

Diameter ..	5										
Height ....	0 7										
Altitude ..	770 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.85	5.86	4.29	7.33	6.04	2.73	9.20	3.47	4.51	4.82	5.450
February ..	5.75	2.12	1.93	5.51	6.77	3.39	6.51	4.41	4.57	1.73	4.269
March ....	1.35	6.36	3.06	8.48	2.82	6.82	5.08	3.19	5.98	4.81	4.795
April .....	2.32	3.88	1.49	2.22	4.22	3.59	1.59	3.13	4.15	4.67	3.126
May .....	2.39	.95	4.49	3.03	2.82	1.19	4.07	3.92	3.53	1.78	2.820
June .....	3.18	2.63	2.72	1.30	1.80	5.13	1.91	7.92	4.01	3.83	3.443
July .....	2.38	3.85	2.05	4.56	2.76	1.65	1.25	3.55	5.06	4.21	3.132
August ....	7.66	3.78	5.16	7.51	5.61	6.65	6.83	5.66	4.89	2.90	5.665
September ..	1.97	2.08	1.99	7.62	2.57	2.88	1.28	1.03	3.94	3.43	2.879
October ....	8.95	4.04	5.20	13.59	2.13	3.73	7.76	8.30	2.73	9.00	6.543
November ..	5.92	5.15	3.61	3.75	3.11	5.63	4.99	4.57	4.25	3.16	4.414
December ..	9.75	9.13	6.04	5.70	5.08	1.42	4.82	7.89	5.92	9.01	6.476
TOTALS ..	57.47	49.83	42.03	70.60	45.73	44.81	55.39	57.04	53.57	53.35	52.982

1900 Llannwddya New Church 550 yards NE  
 House 25 ft high 192 ft S  
 Tree 45 " 81 " NE

Hand



54  
RAINFALL at Lake VyrnwyCounty of MontgomeryObserver E. D. Martenby C.E.River Basin Severn-Lake Vyrnwy Tributaries 5E. J. Bradley

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

Diameter ...	5											
Height .....	0 7											
Altitude ...	770 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means Totals	
January	8.30	2.72	5.16	6.52	5.69	5.02	9.59	2.42	5.28	8.43	23.70	
February	6.57	6.19	3.59	3.02	5.07	6.04	6.90	1.25	9.06	3.17	20.38	
March	1.87	2.62	7.17	6.46	6.08	1.10	3.31	4.35	2.13	7.43	17.22	
April	4.23	3.25	.57	5.61	2.08	1.69	4.22	2.48	2.24	3.57	12.51	
May	2.89	1.86	2.11	2.71	3.19	2.55	4.89	3.08	4.08	1.38	13.43	
June	4.57	3.82	4.91	3.69	2.16	1.20	3.19	2.73	2.04	2.29	10.23	
July	4.16	.94	5.07	.55	4.61	3.99	2.56	3.09	6.19	1.12	12.96	
August	6.96	4.42	6.53	2.70	3.92	3.66	3.44	9.79	2.49	3.72	19.44	
September	.45	4.58	1.18	2.61	2.50	.89	4.21	3.02	13.88	4.11	25.22	
October	5.31	5.67	6.29	4.37	2.16	3.51	12.88	8.54	5.38	3.94	30.74	
November	7.09	7.79	4.85	6.51	5.71	4.07	6.06	4.67	3.77	4.55	19.05	
December	8.40	7.44	8.65	3.36	9.51	13.47	4.32	2.53	11.05	10.82	28.72	
TOTALS	60.80	51.30	56.08	48.61	52.68	47.19	63.53	47.95	67.59	54.53	235.60	

49.5

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

## RAINFALL at Lake Vyrnwy

County of Montgomery

Observer: E. J. Bradley Esq.

River Basin Levee - 5

Mrs. F. E. Jones.

for Bevern Commissioners

Snowdon Rain Gauge, by  $n+2$   
 { 4.96  
 5.05  
 5.00  
 Less  $n+2$  380 1450

glass n+2 BaO 1450

Diameter ...	5"											
Height .....	0.7											
Altitude ...	770											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MAY 1st	1930-31 Totals
January ...	10.43	10.06	7.53	4.80	5.78	8.59	8.77	7.99	16.24	2.42	8.88	91.19
February ...	7.77	2.7	8.81	12.24	2.3	9.69	6.18	4.08	10.68	1.30	.87	62.72
March .....	6.12	6.05	5.10	2.80	2.61	2.12	2.21	5.37	4.08	1.24	4.83	42.53
April.....	8.64	2.51	3.47	4.85	4.89	3.22	3.18	3.46	2.67	1.78	4.65	47.32
May .....	6.30	3.14	1.86	5.42	8.14	5.94	4.29	2.32	1.44	3.02	2.15	44.07
June .....	4.14	31	3.15	1.65	4.13	00	2.43	7.25	6.36	3.51	2.89	35.87
July .....	8.16	3.25	6.78	4.39	7.51	1.76	6.36	4.83	2.01	4.27	5.31	54.63
August .....	2.70	6.67	4.13	7.61	6.64	4.74	5.77	9.01	7.41	6.12	5.09	65.89
September...	2.61	2.31	4.33	5.62	7.54	4.81	4.09	6.77	1.98	.96	6.94	47.96
October.....	4.68	4.46	2.24	11.78	3.76	7.23	6.34	8.91	9.34	7.92	9.04	80.70
November...	5.04	5.32	3.07	6.34	4.66	3.38	9.84	7.76	13.83	15.13	9.77	84.14
December...	7.56	10.79	8.46	5.71	8.32	8.43	1.03	2.85	5.55	15.48	9.12	82.50
TOTALS...	74.15	55.14	59.23	73.21	69.86	59.91	60.49	70.60	81.84	63.15	69.54	737.12

Inspected JB, 23.1 x 21. Gauge in garden with 3 gooseberry bushes <sup>(around)</sup> JB gets away  
(4 ft high). These will be removed in case they grow larger.  
Vaccinium myrtillus + obscurum very intelligent.

Position of Station on reduced Ordnance Survey } No. of Map  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

[illegible]

RAINFALL at Lake UpnwyCounty of MontgomeryObserver J.E. BradleyRiver Basin 5-Severn - Left BankH.I. Minnett Esq. (1940)

Type of Gauge.....

Annual Average 54.9 in. based on 35 years obs. un-weighted. Period of average 1905 - 1935 Ref. Av W. Sheet

Diameter	5											
Height	0 7											
Altitude	770											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40	
January	6.25	9.65	5.67	7.96	2.50	8.86	8.61	12.76	12.19	5.11	7056	
February	7.59	1.18	8.27	3.38	11.07	2.78	10.53	3.37	7.16	4.25	5558	
March	1.17	4.72	3.71	5.58	2.13	4.79	3.80	1.86	4.04	4.74	3654	
April	5.54	7.43	1.71	3.80	6.16	2.84	4.25	3.30	3.45	4.70	4018	
May	6.48	4.43	1.55	4.05	1.11	1.76	2.90	4.54	1.12	2.94	3058	
June	5.09	1.68	3.50	3.09	5.58	6.48	3.92	6.68	3.69	.85	4056	
July	4.44	7.10	3.78	1.21	1.83	8.31	3.27	5.15	10.44	3.03	4948	
August	5.64	1.68	1.60	5.39	1.51	2.37	2.13	4.71	3.10	.81	2894	
September	3.21	6.77	1.33	5.17	10.73	6.21	2.19	2.15	1.30	4.75	4391	
October	1.96	9.27	6.30	7.35	11.79	5.59	4.26	14.27	3.90	7.93	7262	
November	10.30	4.96	1.62	2.74	7.40	7.61	2.40	10.27	13.15	14.68	7513	
December	4.50	3.37	1.77	10.76	4.69	9.27	4.80	6.41	5.41	5.77	5675	
TOTALS	62.17	61.24	40.81	57.48	66.50	67.17	53.16	72.47	68.97	60.16	61013	
	D	D	D	D	D	D	D	D	D	D	D	

76 106 123

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

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



Station No. T.F. 4256

RAINFALL at Lake Uyrnwy

41

County of Montgomery

Observer H. T. Minnett, Esq.

River Basin 5 - Severn - Left Bank

E. D. Adams, Esq. - 1949

Type of Gauge

Annual Average 54.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.V.W. sheets

File No. 6.99.33.6/26

Diameter	5				425	004						
Height	07											
Altitude	770					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.75	7.36	10.00	9.09	7.35	10.13	5.43	18.34	4.06	3.24	79.75	
February	6.25	1.92	4.91	3.12	9.73	10.91	2.73	6.98	3.99	13.13	63.67	
March	4.20	3.74	2.21	1.07	3.55	2.84	11.85	4.15	2.46	3.13	39.20	
April	2.16	4.11	2.70	2.48	5.03	1.47	6.52	3.74	6.78	6.39	40.38	
May	3.85	6.04	5.98	3.08	4.98	2.66	3.92	2.97	4.77	1.63	39.88	
June	1.20	0.66	6.27	3.87	6.37	6.17	3.20	6.70	1.06	2.28	37.78	
July	2.92	4.63	4.01	4.10	2.51	2.34	3.67	2.96	1.62	5.84	34.60	
August	7.57	6.22	6.56	3.25	4.68	7.90	0.64	7.25	3.19	8.22	55.48	
September	1.73	4.43	6.48	5.94	4.03	8.56	2.75	4.42	1.96	11.05	51.85	
October	7.60	5.49	6.22	10.21	8.56	2.00	1.59	3.24	9.47	4.81	59.19	
November	3.82	0.91	3.91	11.37	0.40	10.36	9.84	4.80	8.41	7.00	60.82	
December	5.50	6.80	3.33	6.62	6.95	6.89	6.64	7.75	11.32	5.19	66.99	
TOTALS	51.55	52.31	62.68	64.20	64.14	72.23	58.78	73.30	59.09	2.3	30.4	

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.

# Air Ministry, Meteorological Office

Station No. TF 4256

RAINFALL at Lake Vyrnwy

County of Montgomery

Observer R. D. Adams Esq. (1949)

River Basin S. Severn Left Bank

Type of Gauge \_\_\_\_\_

Annual Average 54.0 in. based on 35 years obs. <sup>1916-50</sup> weighted. Period of average 1881-1915 Ref. 112 W. Sheet

File No. 692336/26 E23261/58

Diameter ...	5"				425	004					
Height ...	10"					1					
Altitude ...	770'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total/10
January ...	6.66	9.47	1.77	5.66	4.82	8.70	8.93	6.67	7.28	9.69	69.15
February ...	7.80	1.55	3.47	3.62	3.30	0.81	5.41	8.84	0.69	6.53	44.02
March ...	6.78	3.20	5.09	5.69	3.48	3.19	6.28	1.78	3.68	3.04	42.11
April ...	5.56	3.10	4.85	1.90	2.91	1.88	0.39	2.05	4.97	4.31	31.92
May ...	3.78	3.62	3.20	4.73	7.82	1.45	3.18	6.39	2.05	2.09	38.31
June ...	1.92	2.20	2.11	5.46	5.69	3.93	1.77	5.18	3.64	2.53	34.47
July ...	2.58	2.54	7.64	6.44	1.17	7.87	7.86	5.29	6.45	6.24	54.08
August ...	6.84	4.59	5.08	4.72	2.06	7.75	8.20	3.62	1.70	6.76	51.32
September ...	5.78	3.08	7.09	7.81	2.30	5.23	9.24	10.69	0.39	5.39	57.00
October ...	1.82	8.10	2.68	(2.42)	3.46	4.05	6.12	4.06	8.30	7.07	58.18
November ...	10.67	4.02	7.80	11.40	3.63	2.83	2.90	2.63	5.97	13.27	65.14
December ...	11.42	4.26	1.96	7.54	8.02	6.63	5.22	5.63	13.50	9.38	73.61
TOTALS ...	71.63	49.73	52.74	79.33	48.76	54.37	65.00	62.83	58.62	76.30	619.31
	D	D	D	D	D	D	D	D	D	D	

54. Oct. corr. for Anth. 1959. Satisfactorily exposed.

00044

Position of Station on Ordnance One-Inch map: \_\_\_\_\_ No. of Map \_\_\_\_\_ National Grid Reference S2(33)016189

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 - 50

P accepted.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓		✓	