

RAINFALL at

Aberdovey Plas Penhelg

County of Merioneth

Observer

Jm Howell Esq

River Basin

Dovey, 5
Mawddach + c 4

Rain Gauge, by Harrods

No 2 1905

Diameter ...					5						
Height					16					16	
Altitude ...					150	130	120				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS 1816
January ...					3.16	4.78	2.22	1.73	3.15	4.96	11.86 ✓
February ...					3.73	4.85	4.04	2.46	2.93	3.06	12.69 ✓
March					4.52	1.90	2.45	2.68	2.87	7.98	13.98 ✓
April60	2.34	2.10	2.36	1.21	3.17	8.84 ✓
May					2.79	3.57	4.37	2.93	5.14	1.60	14.04 ✓
June					1.80	1.35	2.40	3.67	2.08	4.46	12.67 ✓
July					4.59	3.42	1.37	2.14	3.88	1.87	9.26 ✓
August					4.54	2.83	2.70	3.74	2.80	3.58	17.82 ✓
September ..					2.31	1.23	4.56	3.47	9.86	3.93	21.32 ✓
October ...					1.28	2.61	6.86	6.90	4.10	3.71	21.57 ✓
November ..					4.23	4.02	3.13	3.78	3.37	2.80	13.08 ✓
December...					7.46	8.33	3.47	2.46	5.96	6.45	18.34 ✓
TOTALS ...					41.01	41.23	39.93	43.32	47.35	47.37	177.97 ✓

1915 force 4 ft high 10 yards N

51.61
1916-20 229.58

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Aberdovey	1 m	W	Aberdovey	1 m 1/2 m	W

RAINFALL at *Abberley (Pls. Pethel's)*County of *Hereford*Observer *J. M. Seavall Esq.*River Basin *Wye - 5*Rain Gauge, by *Haywards*

Diameter ...	5"												
Height	1.0												
Altitude ...	180		120			120				100			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.	78.68 1920-30	
January ...	4.11	5.23	5.37	(6.60)	(4.24)	2.32	3.34	4.92	8.09	1.43	6.91	52.52	
February ...	2.80	.38	4.25	(7.20)	(1.00)	9.14	3.50	3.51	3.68	1.06	.47	36.97	
March	6.77	3.85	3.38	(1.60)	(2.00)	.76	.53	3.86	2.44	1.27	2.61	27.97	
April	5.49	1.61	2.60	(3.40)	(3.10)	1.98	1.19	2.23	1.14	1.73	1.94	26.38	
May	5.01	2.41	1.73	(5.00)	(6.20)	4.63	2.43	1.76	1.29	3.04	1.75	35.25	
June	5.03	.56	1.40	(1.30)	(3.03)	.00	2.02	6.21	6.73	3.43	2.63	32.31	
July	7.81	1.73	5.06	(4.50)	(5.50)	3.50	5.15	5.77	3.76	2.98	4.38	50.14	
August	2.57	6.50	5.00	(4.20)	(7.00)	6.15	4.75	7.07	6.13	4.20	6.36	59.95	
September...	5.96	2.07	4.22	(6.40)	(5.40)	5.41	2.98	5.62	2.18	2.03	4.56	46.83	
October	3.14	4.31	.92	(9.30)	(5.30)	6.35	3.46	4.45	7.02	10.36	7.50	62.11	
November...	2.26	2.03	1.56	(5.20)	(3.20)	2.27	7.00	4.50	6.51	10.42	5.45	50.70	
December...	2.64	4.01	4.46	(6.10)	(4.30)	2.31	2.11	1.87	3.48	6.35	7.57	46.70	
TOTALS...	51.61	34.69	40.25	(60.00)	(50.20)	46.29	38.46	51.77	52.45	48.30	52.13	526.95	
	D	D	2			2	2	2	2	2	D.	X	

1922 Decs 20 ft. R. 60 ft. E.

1923 & 1924 computed from S.W. 4346
for purpose of average. J.C.
12/53.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
1922			Abberley	1 mile	W	Abberley	1 mile	W

RAINFALL at Aberdovey (Plas Penhelig)

County of Mreioneth Observer J.M. Houll, D.L.

River Basin 5-Dovey

Type of Gauge

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

663973/26

Diameter	5										
Height	1.0										
Altitude	120							100			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.24	4.88	4.01	3.56	2.14	5.21	4.05	4.43	5.97	4.86	4.335
February	5.38	.15	4.22	.62	5.26	1.90	7.53	1.53	4.27	4.15	3.506
March	1.71	2.92	2.93	2.78	1.31	2.02	1.84	1.97	2.58	2.98	2.304
April	4.64	2.22	0.82	2.76	4.49	2.49	3.20	.42	1.95	2.91	2.590
May	3.98	4.89	2.31	3.27	2.06	1.98	1.54	1.74	0.83	1.81	2.441
June	5.04	1.43	3.89	2.53	6.44	4.72	2.06	3.96	2.32	.96	3.335
July	3.72	5.61	2.19	1.29	.93	5.85	3.27	5.72	9.03	6.53	4.412
August	4.49	1.70	1.31	5.61	3.74	1.82	1.02	3.20	4.79	.94	2.862
September	3.31	3.50	1.01	3.25	6.65	4.61	3.93	2.67	1.37	3.48	3.378
October	2.35	7.13	5.79	5.48	6.72	2.44	3.84	6.73	3.28	5.46	4.922
November	7.36	3.94	1.35	2.21	4.87	5.47	2.19	5.77	7.59	7.61	4.836
December	2.27	2.30	2.47	7.66	2.25	4.90	3.63	3.79	3.47	3.93	3.667
TOTALS	48.49	40.67	32.30	41.02	46.86	43.41	38.10	41.98	47.45	45.62	42.590

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	Parish Church	Distance from gauge	Direction
			Aberdovey	1 m.		Aberdovey	1/2 m.	

Station No. 4345

RAINFALL at Aberdovey (Plas Penhelig)

41

County of Mariemeth Observer J. M. Howell, Esq., D.L.River Basin 5 - Dovey

Type of Gauge

Annual Average 43.25 based on years obs. un-weighted. Period of average 1881-1915 Ref. AWSFile No. 66397326

Diameter	5				523	636						
Height	1	0				1						
Altitude	100			150'		41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50	
January	3.49	5.47	6.02	4.02	3.62	4.69	3.45	8.28	3.37	1.26	43.67	✓
February	3.47	1.63	3.36	2.56	4.19	3.90	1.08	2.11	1.72	6.30	30.32	✓
March	2.41	3.42	0.88	0.95	2.07	1.18	7.53	2.11	3.03	2.07	25.65	✓
April	2.01	1.38	1.65	2.34	2.49	1.18	2.88	1.72	4.53	4.99	25.17	✓
May	2.75	3.44	3.93	2.21	3.72	1.83	3.63	2.01	3.85	1.56	28.93	✓
June	1.32	0.83	4.00	3.26	4.93	4.46	2.74	4.78	1.25	3.23	30.80	✓
July	3.10	5.09	2.99	3.32	2.29	3.20	3.66	2.95	1.26	3.50	31.56	✓
August	3.86	3.65	4.39	2.77	3.68	7.24	0.74	4.97	2.88	7.48	40.93	✓
September	1.30	4.75	6.00	3.46	3.19	5.90	2.58	4.38	2.58	9.16	43.30	✓
October	6.78	4.42	5.00	5.29	3.72	2.47	0.65	3.91	7.76	4.17	44.17	✓
November	2.78	0.67	5.07	6.93	0.77	5.67	4.76	4.52	6.27	5.10	42.84	✓
December	3.02	6.03	2.27	3.15	4.95	4.91	4.97	6.09	4.90	4.17	44.66	✓
TOTALS	36.29	40.88	45.86	40.26	39.62	46.63	38.87	47.83	43.97	52.99	431.50	10

*

335.29

431.50
52.99
378.51Position 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.
1941			Aberdovey	1	W.	Aberdovey	1	W.

BRITISH RAINFALL ORGANIZATION

Station No. 4345 M

RAINFALL at Aberdovey (Plan Penrhelig)

51

County of Merionethshire Observer J. H. Howell, Esq., D.L. (1926)River Basin S. DoreyType of Gauge Snodan (N.2)Mr. A. Riesen (1926)Head Gardener - Mr. DaviesAnnual Average 43.25 in. based on 1881-1955 years obs. un-weighted. Period of average 1881-1955 Ref. A.W.S.
44.64 " - 35 " " 1916-1950 1916-1950 PFile No. 66.3973/26

Diameter ...	5"		523	636						5"	
Height ...	1' 0"			1						1' 0"	
Altitude ...	150'			51						170'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.99	3.78	2.07	4.07	2.47	5.16	4.45	3.64	5.16	6.83	41.62
February ...	3.42	2.06	2.78	3.91	2.05	0.70	3.21	7.77	1.31	4.23	31.44
March ...	6.57	2.72	2.04	3.38	2.48	2.04	4.80	1.30	2.82	1.56	29.71
April ...	2.90	2.57	3.57	1.68	3.50	1.53	0.60	1.43	4.77	2.89	25.44
May ...	2.23	3.33	1.78	3.06	4.80	1.90	1.95	3.80	1.11	1.62	25.32
June ...	1.13	3.62	2.56	6.10	5.66	2.22	2.69	4.92	3.06	3.10	36.06
July ...	2.23	1.88	3.86	5.12	0.85	5.48	6.51	6.10	3.64	5.24	40.91
August ...	6.55	4.01	6.00	4.79	1.69	6.62	4.81	4.12	1.28	5.86	45.74
September ...	5.02	2.53	5.74	4.74	3.32	5.16	8.72	8.41	0.43	7.09	51.19
October ...	1.20	5.80	2.68	9.80	2.98	2.78	6.96	4.64	5.88	3.60	66.32
November ...	6.68	4.21	5.53	8.16	2.17	2.69	2.36	4.69	6.85	10.31	58.45
December ...	7.12	4.98	1.64	6.19	4.49	4.02	2.75	3.68	6.75	6.67	48.29
TOTALS ...	46.84	41.52	40.25	61.00	36.46	41.31	49.81	54.50	43.06	59.00	47.575
	D	D	D	D	D	D	D	D	D	D	10

Inspikes 4.8-6.0 by 8bbbluter. On steep slope of c 5°SW. In 25°-20°WSW → 20°-25°N → 60°-50°NE
→ 50°-60°E. Rec. also in garden. 80-100gds NW End of row of apple
condens near of c E

gauge moved 31/10/60

(62) 4. 621963

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference SN(4) 61963

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1921			Aberdovey	1 1/2 W	Aberdovey	1 1/2 W.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1916-19	1920-30	1931-40	1941-50	1951-60
	1914 1915-16 D 1917-18 1919 D	1920-22 D 1923-24 D 1925-29 d 1930 D	D	D	