

RAINFALL AT Ypon Llanerch-y-fa

Lat.

Lon.

County of

BreconRain Gauge, by
M. Wye - 8.

Observer

Diameter	5										
Height	10										
Altitude	1430										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						5.30	3.95	2.28	4.24	10.50	
February27	3.70	6.22	5.73	7.20	
March						7.75	8.90	6.93	1.85	2.95	
April						3.95	1.70	5.20	4.30	7.63	
May65	.25	2.40	5.27	4.97	
June						1.00	3.50	3.12	5.08	2.20	
July						6.25	2.95	3.20	1.10	3.78	
August						6.03	4.45	6.98	6.97	2.47	
September						4.13	1.35	11.55	7.25	2.43	6.23
October						7.90	7.05	7.55	2.67	7.87	6.15
November						9.55	8.96	2.80	6.40	5.53	5.17
December						7.70	5.55	11.45	11.63	8.62	3.90
TOTALS						54.11	62.75	64.28	58.99	63.15	

4209
RAINFALL AT Yerfon. Lancashire - Hallin. No. 27

Lat. Lon. County of Lancashire - Hallin. No. 27

Type-8. M verified Mr. T. Felton

Diameter ..	5										
Height ..	1.0										
Altitude ..	430										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.23	5.53	3.60	7.90	8.20	4.30	9.80	3.40	4.23	5.00	
February ..	4.72	3.25	2.95	5.40	7.00	4.10	5.98	4.10	4.20	4.23	
March ..	1.58	5.25	3.80	11.00	3.00	7.90	4.92	3.20	4.92	4.62	
April ..	3.02	5.20	2.80	3.30	4.40	8.00	2.00	4.50	3.58	5.53	
May ..	4.28	1.75	4.45	4.90	4.40	1.00	6.00	4.20	3.40	2.80?	
June ..	4.72	4.05	2.90	3.80	2.20	3.20	3.20	6.63	1.70	3.98	
July ..	3.35	2.60	3.10	5.60	3.40	3.40	2.50	4.80	6.37	7.62	
August ..	7.82	5.20	5.30	9.00	5.10	7.80	5.70	6.00	11.00	3.20	
September ..	3.00	3.25	3.60	7.40	3.80	3.60	1.80	1.10	5.60	7.10	
October ..	9.50	5.60	5.30	16.60	4.80	4.50	10.70	10.10	2.90	15.00	
November ..	7.23	6.70	5.35	7.70	5.25	7.40	5.70	6.50	5.60	4.18	
December ..	10.10	7.20	6.20	6.30	6.30	2.50	5.90	8.72	6.43	12.12	
TOTALS ..	66.53	54.58	49.05	88.90	57.85	57.70	64.20	62.25	59.93		

in rpm up up up

1909 Gauge moved to Hallin in May

+ Inspected 2.x.02 ~~HSW~~ Perfectly satisfactory. Open moorland, rising gently to N. No objects near.

Inspected 4.VIII.04 HSW. G. in perfect condition. Small plateau on summit of very steep slope above house. G. had worked loose owing to sheep rubbing and had been moved 8 inches. now firm. No rod. Star all right.

RAINFALL at Abingwesyn Hallwn

County of Brecon

Observer Dr H R Mill

John Talyor

River Basin W

Wye 8

Rain Gauge, by.

1915 part cat.

1916 March cor? for S

1967 Apr. g. repaired & satisfactory

Inspected

RAINFALL at Cherrapunji (Hillion)

County of Brecon

Observer British Rainfall organization
J. Felix Eng. head Obs.
Air Ministry

River Basin Wye 8

Salmon Brookford Rain Gauge, by Casella
No 2731 In good condition
Brookford S. M. 672 (Salmon)

~~Transformations (see Lm)~~

4.96
4.99
5.01
5.01 } 7.21 ^{gauge} Rod no. 23
} Measures correct whole no. 44 7745
both bold 2 inches.

Departs Ch. 15.7.21. S. near summit of high ridge in S. of valley. BP
Steep rise to top on SW. Elevation to E. falls to N. Ridge of rock
five feet or less above quite appreciable line.

Inspected f. 23-25 Mountain exposures above & although it must be slightly over-exposed the frosten is very good. It is placed in the central portion of a large natural hollow.

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1924 New grants in April.

1929. Feb. est. from maps, May & June adjusted

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

METEOROLOGICAL OFFICE

RAINFALL 1931-1940

1931-1940

County Brecon Station TRALLWN No. _____

Authority J. Felix for Met. Office Grid Ref. _____ (Old No. 4209)

Altitude _____ metres _____ feet (O.D. _____)

Earliest year with complete data _____ River Basin _____

File _____ Tributaries _____

TF _____

	Average 1916-1950	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940 1941
January ...		10.50	17.20	9.20	10.10	4.70	8.30	12.80	16.00	12.10	3.30
February ...		8.00	1.00	6.80	1.60	13.00	3.00	(12.00)	5.40	7.70	7.00
March ...		1.80	5.70	6.30	5.80	1.80	4.50	(5.00)	2.20	5.50	8.40
April ...		6.30	6.20	1.80	5.20	4.30	3.00	7.00	1.70	5.00	3.70
May ...		5.90	5.00	1.90	4.00	1.60	3.30	3.00	5.70	1.00	2.00
June ...		6.30	1.70	5.80	3.30	8.80	5.60	2.60	7.00	5.70	1.20
July ...		6.50	7.00	5.60	2.80	1.50	11.30	3.10	7.80	13.20	8.20
August ...		7.00	2.00	1.60	9.00	4.00	1.50	1.10	4.00	3.30	1.50
September		2.50	6.20	1.50	7.40	12.70	8.00	5.80	3.60	1.20	5.00
October ...		3.30	15.00	9.20	10.70	13.00	7.00	4.00	13.70	4.00	9.00
November		17.50	8.20	2.00	2.30	13.20	8.80	2.80	14.50	19.00	16.30
December		5.50	8.00	1.30	18.80	6.50	(12.80)	6.60	7.70	7.40	8.00
TOTAL ...		80.10	81.20	53.00	80.00	91.10	77.10	65.80	88.30	85.10	73.60
1916-1950 Percentage											
D, d, or M											

AVERAGE ANNUAL RAINFALL

Based on data for years. Date of calculation.

1916-1950 (Introduced _____) mm (_____ in)

1931-1960 (Introduced _____) mm (_____ in)

(Introduced _____) mm (_____ in)

Type and capacity of gauge _____

NOTES on inspections, unorthodox equipment or exposure, changes of equipment, site or altitude (each note to be dated):

*Original 10-yr sheet missing
Data copied from F1090, held in Archives, 4/8/72.*

NOTES on years with incomplete or unsatisfactory data:

Continue notes overleaf if necessary.

RAINFALL at Abergwesyn (Ffalcon)County of BreconD. I. Observer J. Felix for M.O. (J. 26. 1936-7. 37)River Basin E. Wye

Type of Gauge.....

Annual Average 76.5 in. based on 30 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 4444897552 / 29

Diameter	5.										1931-40 Means Totals
Height	1.0										
Altitude	1000										
Year	1931	1932	1933	1934	1935	1936	1937	1938	+ 1939	1940	
January	10.50	17.20	9.20	10.10	4.70	8.30	12.80	16.00	12.10	3.30	104.20
February	8.00	.00	6.80	6.60	13.00	3.00	(12.00)	5.40	7.70	7.00	63.50
March	4.80	5.70	6.30	5.80	2.80	4.60	(5.00)	2.20	5.50	5.40	47.00
April	6.30	6.20	1.80	5.20	9.30	3.00	7.00	7.70	5.00	3.70	48.20
May	5.90	5.00	1.90	4.00	1.60	3.30	3.00	5.70	1.00	2.00	32.40
June	6.30	.70	5.80	3.30	8.80	6.60	2.60	7.00	5.70	1.20	47.00
July	6.50	7.00	5.60	2.80	1.50	11.30	3.10	7.80	13.20	8.20	67.00
August	7.00	2.00	1.60	9.00	4.00	1.50	1.10	4.00	3.30	1.50	35.00
September	2.50	6.20	1.50	7.40	12.70	8.00	6.80	3.60	1.20	5.00	53.90
October	3.30	15.00	9.20	10.70	13.00	7.00	4.00	13.70	4.00	9.00	88.90
November	17.50	8.20	2.00	2.80	13.20	8.80	2.80	14.50	19.00	6.30	104.60
December	5.50	8.00	1.30	18.80	6.50	(12.80)	6.60	7.70	7.40	8.00	82.60
TOTALS	80.10	81.20	53.00	80.00	91.10	77.10	65.80	88.30	85.10	73.60	775.80

1936 Due estimated by surrounding stations.

1937 Feb. Mar. adjusted by surrounding stns.

1938 Rock = high 60° NW.

† Inspected by Dr Glasspole 19.8.39. Site on open moor. Suggested turf wall.

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
1938			Garth	6m		Abergwesyn	2m

Station No. M 4209

RAINFALL at Aberglaslyn (Trallwm)

41

County of Brecon

Observer D. T. Felix, Esq., F.R.M.O.

River Basin S-Wye

Type of Gauge Octagonal (MKIIa) 5027
22/7/50

Annual Average 75.5 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 444

File No. 8975.52/29

Diameter	5			467	832						
Height	1	0			1						
Altitude	1000				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	(4.80)	8.50	14.00	10.00	6.30	10.00	(6.50)	(9.20)	5.50	(3.60)	86.40
February	9.00	(1.80)	6.65	2.80	(7.80)	13.00	(3.50)	(6.00)	3.50	13.20	67.55
March	3.60	4.80	1.85	1.20	5.00	2.70	14.00	(4.00)	4.70	(4.20)	46.35
April	2.10	4.30	3.30	3.20	3.50	1.90	(7.40)	3.80	(7.00)	7.00	43.50
May	5.70	11.50	8.00	3.60	5.50	(4.20)	4.00	(4.00)	7.40	3.00	56.90
June	2.10	3.80	6.20	5.00	7.50	(8.00)	3.00	(9.00)	1.20	(3.00)	46.30
July	3.30	7.00	6.00	4.20	3.30	4.80	3.80	4.80	2.00	7.00	46.20
August	8.50	7.40	8.00	5.00	4.50	9.20	1.00	7.40	4.00	10.60	65.60
September	1.50	5.30	6.50	7.00	6.70	8.80	4.70	9.50	2.80	13.80	66.60
October	8.80	8.00	7.60	13.20	6.00	2.60	1.50	5.60	9.70	4.00	67.00
November	6.10	1.80	8.00	13.50	1.20	16.40	(7.50)	6.80	10.50	10.40	81.20
December	8.00	12.80	4.50	8.50	8.50	10.00	7.30	14.00	11.90	8.00	90.50
TOTALS	63.50	74.00	80.60	77.20	65.80	91.60	(64.20)	93.10	70.20	82.90	766.10

1941 Jan alt. for snow.

1942 Feb alt. for snow.

1945 Feb part ext'd.

1946 May & June afforestation

1947 Jan, Feb, April - Nov. part ext'd. ref. B.W. Works group.

1948 Jan and Feb app. March part ext. May and June app. ref. B.W.W.

1949 April Sat Gauge under repair.

1950 New gauge fixed on 1st August 1950. Jan Mar & June obs.

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	Parish Church.	Distance from gauge
	40004 20004					

Station No. 4209 M

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RAINFALL at Abergwesyn (Trallwian)

County of Brecknockshire Observer D. I. Felix, Esq., F.R.M.

River Basin 8 - Wye

5027 202304

Type of Gauge Octapent 1/4 in. IIa) 10 cm. 100 mm.
22.11.50.Annual Average 75.5 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. PB 4444
1916-1950 File No. 897552/29 P

Diameter ...	5"			467	832						
Height ...	1' 0"					1					
Altitude ...	1000'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	9.50 (9.00)	3.70	5.70 (6.00)	7.60 (8.80)	7.40	9.60	10.40	77.70			
February	6.20 (3.00)	3.80	(7.50)	3.20 (1.00)	7.30	12.30	1.20	11.00	56.50		
March	8.40	4.30	6.50	6.00	6.50	3.00	8.30	1.80	4.80	2.40	52.00
April	7.20	4.20	5.20	8.30	4.60	2.00	.90	2.40	7.00	5.00	40.70
May	3.00	3.20	3.70	3.40	6.60	1.80	3.50	6.00	1.50	2.75	35.45
June	1.80 (5.20)	2.50	7.00	7.00	4.40	2.40	3.80	3.50	4.20	41.80	
July	3.00	2.50	7.40	6.40	1.20	5.20	7.80	6.50	5.30	6.40	51.70
August	7.50	6.60	6.20	7.30	1.70	8.60	8.20	5.00	.60	5.70	57.40
September	6.60	5.00	6.70	(8.20) (4.50)	7.00	12.50	8.70	4.40	5.80	65.40	
October	1.50	9.20	4.00	(4.00)	4.90	5.00	7.50	6.60	11.20	6.20	70.10
November	13.00	4.80	8.20	(15.00)	4.00	4.00	3.80	3.80	9.70	14.80	81.10
December	11.00	8.20	3.00	(9.50)	7.80	(8.75)	6.00	6.40	14.60	11.00	86.25
TOTALS ...	78.70	65.20	60.90	(9.20)	57.90	58.35	77.00	70.70	69.40	85.65	716.10
	M	M	M	M	M	M	M	M	M	M	np

1952 Jan Feb avg M036. June est M038.

1954 Some wr. in 5 months

1955. Jan & Sept. adj. ref Birmingham W.H. change agreed.

1957 Jan est by M036.

1960 np low.

6004 2074 40104 30014 40004

(1st of Annexes)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SN 321878 561

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
	1910-19 -	1920-30 -	M	H	