

RAINFALL at CLAWDD-NEWYDD No. 1County of DENBIGH Observer R. T. BAKERRiver Basin CLWYD 2 Birkbech J.W.D.(1925) Standard Rain Gauge, by _____

Diameter ...						5					
Height						1.0					
Altitude ...						1004					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...						3.87	3.84	4.18	6.43		
February ...						5.75	1.71	2.13	3.46		
March						1.07	.99	4.15	1.43		
April						2.12	1.60	1.86	1.31		
May						2.63	2.58	2.02	2.13		
June00	1.82	5.42	4.63		
July						2.33	4.89	2.41	1.17		
August						3.72	3.20	6.34	3.80		
September...						5.20	3.78	4.89	1.94		
October						3.54	3.45	5.11	(4.99)		
November...						2.83	5.22	3.75	(7.56)		
December...						3.85	.81	.92	(2.73)		
TOTALS...						36.91 2	33.89 2	43.18 2.5	(41.88)	# discontinued See new gauge	

Inspected IX/28 see green filePosition 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	Direction
1925	53° 3' 30"	3° 22' 10"						

RAINFALL at *blawdd - newydd. No. 2.*County of *Denbigh*Observer *R. F. Baker, Esq. L.R.*River Basin *Lee - 1.**Birkenhead L.W.**Sawdon* Rain Gauge, by *(1929)*

Diameter ...									5		
Height									1		
Altitude ...									1004	983	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...									(6.88)	1.14	6.43
February ...									(4.02)	.65	.79
March									(1.53)	.17	3.65
April									1.42	1.23	3.58
May									2.19	2.04	1.27
June									5.00	2.80	1.02
July									1.26	2.71	3.90
August									4.13	3.07	3.90
September...									2.03	2.18	3.88
October									5.34	5.45	6.86
November...									8.08	7.45	5.30
December...									2.92	9.07	5.76
TOTALS...									(44.50)	37.96	46.34 a.

1928. Gauge fixed 17th March 1928.

1930 Gauge read 9 a.m. in winter.

" " 10 " " Summer.

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Glaodd-nwydd No.2

County of Denbigh Observer R. H. Baker, R.F.

River Basin 2-6420 c.

Type of Gauge Snowdon

Annual Average 37.5 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. P.B.390
660551/26

Diameter	5											
Height	1.0											
Altitude	983											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.40	5.50	3.75	3.50	2.49	4.93	4.18	5.34	5.70	2.75	42.54	
February	4.58	.06	4.10	2.9	5.16	2.60	6.19	1.34	3.88	2.76	30.96	
March	1.06	3.10	2.06	2.85	1.11	2.80	3.08	1.04	3.80	3.25	24.15	
April	4.49	5.91	0.97	2.46	3.38	1.90	3.37	.19	2.26	2.88	27.81	
May	4.22	3.19	1.51	2.61	1.39	1.91	1.91	2.75	1.76	2.35	23.60	
June	3.94	.94	2.35	1.54	3.62	4.97	2.24	4.18	2.66	2.45	28.89	
July	2.21	4.28	1.34	1.11	1.47	4.54	1.83	3.39	7.27	3.95	31.39	
August	5.90	2.13	1.03	4.04	1.11	.86	1.13	4.20	2.47	.67	23.54	
September	5.23	3.72	1.07	2.57	5.21	4.78	1.71	1.24	0.86	2.97	29.36	
October	1.61	7.47	5.50	6.50	8.55	2.77	3.21	6.19	2.78	4.97	49.55	
November	7.76	3.06	0.83	1.74	5.09	4.61	1.74	6.64	7.03	8.27	46.77	
December	2.39	2.67	1.12	6.31	3.22	6.66	2.41	3.53	3.05	2.38	33.74	
TOTALS	47.79	42.03	25.63	35.52	41.80	43.33	33.00	40.03	43.52	39.65	392.30	K17.

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

RAINFALL at Glasad-newydd (Trec Fach)County of DenbighObserver Forestry CommissionRiver Basin 2. Gwyddr. c.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref. 64997/30.

Diameter											
Height											
Altitude	1150'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January		4.68	2.75	3.10	2.71	5.26	5.50	5.54	6.09	3.00	
February		.02	3.65	.34	5.14	3.43	6.35	2.03	3.91	3.20	
March	imp.	3.01	1.83	2.58	1.06	3.38	3.41	1.18	3.50	2.40	
April	4.67	5.89	.90	2.66	2.53	2.64	4.03	.25	1.87	2.70	
May	4.06	3.19	1.66	2.35	1.56	2.00	2.17	2.87	2.00	2.70	
June	4.11	1.11	2.36	1.41	3.68	5.45	2.02	4.38	2.70	1.60	
July	2.35	4.90	1.41	1.26	1.46	4.77	2.11	3.71	6.80	2.90	
August	6.39	2.34	1.00	4.06	1.13	.87	1.27	4.25	2.40	.80	
September	6.29	3.81	1.19	2.07	6.03	4.81	1.93	1.28	0.80	3.40	
October	1.82	7.57	5.42	6.39	7.66	3.20	3.72	6.31	3.10	5.00	
November	6.72	3.05		2.65	5.44	5.42	1.79	5.41	7.90	8.30	
December	2.34	2.87		6.20	2.95	6.38	3.34	4.04	2.66	(2.50)	
TOTALS	imp.	42.44	imp.	35.27	42.55	47.61	37.64	41.25	43.73	38.50	

1931. N. P. imp.

1932. Salt n.p.

1940 Jan part estd. for snow. Dec. estd.

Position of Station on reduced Ordnance Survey Map, } No. of Map 50 Reference No. 6.12
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

RAINFALL at Chawd-^{don} Newydd Station No. T.F. 4307 **41**
Nº 2 died Oct 1944
 County of Denbigh Observer R.F. Baker Esq. C.E.
E.G. Hutton Esq. C.E.
 River Basin 2 - Clwyd + c.
 Type of Gauge Snowdon W.K. Lewis Esq. R.R. Mace (iv. 52)

Annual Average 37.5 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. P.B. 290

File No. 660551/26

Diameter	5				538	133						
Height	10					1						
Altitude	983					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	2.66	4.88	4.94	4.83	3.28	4.85	3.60	9.17	2.93	1.74	42.88	
February	4.22	1.92	3.05	1.84	4.49	6.94	1.52	3.01	3.24	6.86	35.99	
March	3.14	1.96	1.10	1.00	1.35	1.56	6.28	1.66	2.01	2.28	22.34	
April	1.40	2.47	2.14	0.99	2.87	0.94	4.19	2.47	4.77	5.04	27.28	
May	3.39	3.60	4.32	2.22	4.01	2.35	2.94	1.26	4.07	1.22	29.38	
June	1.07	0.52	2.41	2.33	2.85	3.74	2.82	5.33	1.04	1.61	23.72	
July	1.43	3.66	3.25	2.11	2.13	1.74	3.74	2.74	3.88	3.46	27.14	
August	4.25	4.38	3.61	2.84	2.60	4.83	0.49	4.21	2.94	5.17	35.32	
September	0.94	2.92	5.93	4.67	1.80	4.23	1.96	2.32	1.30	7.63	33.70	
October	4.65	2.12	5.02	5.87	5.75	1.28	0.60	3.14	7.07	3.69	39.19	
November	2.97	0.95	3.73	7.47	0.61	5.49	4.69	3.45	6.94	5.77	41.07	
December	2.66	4.87	2.13	4.16	3.88	4.02	3.15	5.94	6.07	3.58	40.46	
TOTALS	32.78	34.15	42.63	40.35	35.62	41.97	35.98	44.70	43.26	48.05	398.47	10

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

Station No. M. 4307/5

RAINFALL at Clawdd - Newydd (Foel Fach) ✓

41

County of Denbigh

Observer Forestry Commission

River Basin 2. Clwyd & c.

Type of Gauge

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

File No. 64987/30

Diameter	538	749	5"								
Height			1	2' 10"					8"		
Altitude	1150		41			1000'			1000		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	-100	4.88 (6.00)	4.86	2.31	3.09	3.16	9.18	2.81	1.83		
February		(1.72) (3.00)	2.24	6.27	4.73	1.55	5.20	2.04	6.36		
March		1.64	1.01	0.47	0.73	1.75	7.51	2.84	1.92	1.93	
April	-100	2.23	2.40	0.67	1.29	0.69	3.81	2.18	4.33	4.78	
May	3.14	3.27	4.60	2.41	4.21	2.09	2.58	1.39	3.47	1.71	
June	1.05	0.43 (2.50)	2.32	2.19	2.75	2.34	7.61	0.75	1.46		
July	1.22	3.79 (3.25)	2.08	2.15	1.68	3.47	2.26	2.88	3.41		
August	4.00	4.15	3.70	3.98	1.91	4.54	0.46	4.51	2.01	5.32	
September	0.71	2.96	5.23	4.88	1.93	4.23	1.65	3.59	1.26	6.97	
October	4.82	2.04	4.40	5.52	4.74	1.28	0.46	3.75	6.29	4.06	
November	2.76	(1.20)	3.84	7.69	0.46	4.96	4.59	3.96	5.98	4.20	
December	2.38	(4.86)	2.21	(4.50)	2.73	3.69	3.18	5.15	5.71	(3.21)	
TOTALS	-100 n.p.	(33.17)	(42.14)	41.62	36.92	36.48	34.76	51.62 n.p.	38.45	45.24	

1941 n.p. imp. Jan-April not available.

1943 Jan & Feb app. June & July est.

1942 Feb. p. 201d. Nov & Dec app.

1948 n.p. too much est.

1950 Hedge 3/4 high 18 ft. E.

20034 41404 00014

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 Plawdd - newydd No 2 Station No. 4307 51
 County of Denbighshire Observer W. K. Lewis, Esq. R.S. M.C.
 River Basin 2 - Cwydalc Water Engineer, Bunshead
 Type of Gauge Snowdon

Annual Average 37.5 in. based on 7 years obs. unweighted. Period of average 1881-1915 Ref. P.B. 390
" " 39.58 " " 28 " " within 1928-51. " " 1916-50
 File No. 66.95.1/26 126/151

Diameter ...	5"				538	133						
Height ...	1' 0"					1						
Altitude ...	983'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	4.14	5.73	1.13	2.54	3.66	4.37	4.02	4.31	6.02	7.80	44.52	
February ...	4.03	1.23	2.22	3.94	2.93	1.00	2.96	6.26	0.49	3.82	28.87	
March ...	5.79	1.07	2.14	2.48	2.19	2.09	2.74	1.39	1.61	1.72	23.22	
April ...	2.61	1.83	2.76	0.92	1.48	1.87	0.51	1.36	5.03	2.36	20.73	
May ...	3.71	2.96	2.55	4.18	4.84	0.80	1.74	3.30	2.02	1.80	27.90	
June ...	1.12	1.40	2.33	3.08	3.18	1.74	1.47	5.10	2.29	1.29	23.00	
July ...	1.26	1.37	3.86	3.17	0.66	4.45	5.17	4.73	2.91	3.16	30.74	
August ...	5.25	3.36	3.19	4.06	2.25	6.64	6.04	2.90	0.66	3.89	38.24	
September ...	3.63	4.45	4.25	3.63	1.70	2.99	7.30	5.50	0.15	6.00	39.60	
October ...	1.34	5.56	1.74	6.32	2.75	2.76	3.85	3.61	3.76	3.93	35.82	
November ...	8.01	3.30	3.29	7.07	1.91	1.94	1.81	1.86	4.40	9.17	42.76	
December ...	6.36	4.63	1.46	4.50	4.52	4.48	3.13	3.17	7.28	4.48	44.01	
TOTALS ...	47.25	36.89	30.92	45.99	32.07	35.13	40.74	43.49	37.61	44.42	399.41	10
	D	D	D	D	D	D	D	D	D	D		

Inspected 26.3.56 M. & D. Lees. Gauge can be used, bottle top cracked. Certified means. etc satisfactory.

Position of Station on Ordnance One-Inch map : No. of Map 108 National Grid Reference 33/02.8.52.1

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-29	1931-40	1941-50	1951-60
		1928-29 1930 d	1931 d 1932-40 D	D	

Station No. 4307/5 M

RAINFALL at Planned - Pen-y-dd (Fael Fach)

51

County of Derbysheire Observer Forestry CommissionRiver Basin 2-Clwyd & C

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.
" 39.19 " " 23 " within 1932-57. " " 1916-50 " 5
File No. 649.37/30

Diameter ...	5"				538	749					
Height ...	0'10"	0'8"				1					
Altitude ...	1000'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.69	7.09	1.20	2.49	2.66	4.47	5.63	4.10	6.44	8.03	
February ...	4.28	1.37	2.27	2.82	1.21	1.04	2.95	6.46	0.47	3.95	
March ...	4.64	0.99	2.14	2.04	1.93	2.07	2.34	1.46	1.61	1.65	
April ...	2.18	1.51	2.78	0.78	1.48	1.91	0.57	1.15	5.53	2.41	
May ...	3.69	3.37	2.17	3.84	4.20	0.80	1.56	3.37	2.02	1.92	
June ...	1.66	1.34	2.73	2.54	3.85	1.70	1.34	6.06	2.11	1.34	
July ...	1.87	0.86	3.88	3.36	0.63	4.45	6.24	4.79	2.87	3.15	
August ...	4.40	3.14	3.19	3.32	2.26	6.46	6.04	3.39	0.66	3.82	
September ...	3.34	4.87	4.25	3.45	1.68	2.93	7.74	5.73	0.15	5.98	
October ...	1.43	5.56	1.50	5.82	2.69	2.64	3.60	3.33	3.93	3.21	
November ...	7.30	3.35	2.79	6.71	1.52	1.76	2.15	2.01	4.76	9.49	
December ...	6.30	3.93	1.30	4.36	4.48	4.19	2.73	3.31	7.79	4.47	
TOTALS ...	43.68	37.38	30.50	41.53	28.58	34.42	42.89	45.15	38.34	44.42	
	D	D	D	D	D	2.2p	np	np	np	np	

Inspected 21.3.56 Mr. Deeks. Gauge sound, no bottle. Site of SE down valley. Recommended move 10' nearer house away from newly-planted trees & construct turf wall
1956: n.p. Many values are from gauge 4307.

1957 np TIME

1958 np check

1959 —

1960 np check

Position of Station on Ordnance One-Inch map: No. of Map... 108... National Grid Reference 33/067524

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			1931 np 1932 n.p. 1933 np 1934-38 D 1939-40	1941, we 1942-47 1948, np 1949-50	