

## RAINFALL at RUTHIN (BWLCH TUNNEL)

County of DENBIGH

Observer R.F. BAKER C.E.

River Basin CLWYD &amp; C.R.

Birkenhead W.L.

(1926) Standard Rain Gauge, by \_\_\_\_\_

Diameter ...						5					
Height .....						1.0					
Altitude ...						908					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>
January ...						2.20	3.04	3.03	4.15	1.13	4.72
February ...						4.40	1.45	1.56	2.06	.67	.78
March .....						.81	.38	3.31	1.61	.05	3.87
April.....						2.07	1.62	1.62	1.21	1.23	4.80
May .....						2.76	3.00	1.65	2.51	1.75	1.88
June .....						.08	2.33	6.69	3.99	2.33	1.02
July .....						3.10	8.04	2.75	1.29	2.83	2.51
August .....						4.02	2.79	6.90	3.05	3.00	3.50
September...						4.52	3.29	5.95	2.99	1.30	3.55
October.....						3.91	2.59	2.26	3.84	4.22	6.46
November...						3.58	4.46	5.17	5.12	5.61	5.08
December...						3.15	1.35	1.44	2.77	5.59	5.03
TOTALS...						34.60	34.34	42.33	34.92	29.71	43.15
						D	D	D	D	D	D

Inspected IX 28 see green file.

1926. Gauge read in summer 10 a.m.

... " winter 9 "

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	Parish Church.	Distance from gauge
1925	53° 6' 40"	3° 14' 50" W				

## RAINFALL at Ruthin (Welsh Tunney.)

County of Denbigh

Observer A. H. Baker, G.E.

River Basin..... 2- Glwyd & C.

Type of Gauge... Standard.

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

Diameter	5.											600551	200
Height	1.0.												
Altitude	908.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mosso Tetraodo		
January	2.69	3.52	2.80	2.11	1.87	3.98	2.77	3.65	5.52	2.45	3136		
February	2.86	2.7	3.47	3.7	3.49	3.15	5.19	7.76	2.45	3.15	2515		
March	1.57	2.13	1.90	2.30	1.77	3.09	3.63	1.96	3.55	2.58	2138		
April	3.57	4.31	1.03	3.05	2.62	2.44	3.66	1.30	2.06	2.76	2580		
May	3.61	3.33	1.72	2.51	1.59	2.44	2.21	2.66	2.42	2.67	2518		
June	4.66	1.05	1.86	1.01	4.51	5.11	1.43	3.37	2.83	1.81	2734		
July	2.11	5.53	1.53	1.30	1.64	4.13	1.80	3.31	6.27	3.25	3087		
August	6.96	2.30	1.40	2.84	1.49	1.78	2.20	3.56	2.17	1.00	2470		
September	6.07	2.42	0.87	1.74	5.19	3.88	1.76	1.28	0.96	2.77	2694		
October	1.79	5.11	5.05	4.01	5.13	2.26	3.90	3.98	3.74	4.45	3942		
November	5.11	2.56	2.12	2.89	6.45	3.70	1.91	4.10	5.52	6.88	4124		
December	2.05	1.69	0.86	5.16	2.62	4.85	2.55	3.80	2.37	1.98	2793		
TOTALS	42.05	34.22	24.31	29.29	37.37	39.83	32.91	31.72	39.86	35.75	34731	KM	

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

*Reference No.*

Station No. T.E. 4309

## RAINFALL at Ruthin (Bwlch Tunnel)

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County of Denbighshire

Observer R.F. Baker Esq. C.E.

River Basin 2 - Chwyd &amp;c.

F.G. Hudson Esq. C.E.

Type of Gauge Standard

W.K. Lewis Esq. B.Sc. Msc. (1952)

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

File No. b6.055.12b

Diameter	5			538	453						
Height	1	0				1					
Altitude	908		11			41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.45	3.77	4.47	3.28	3.18	3.09	1.98	6.36	2.42	0.75	32.75
February	4.21	1.69	2.06	1.81	2.53	4.72	1.69	1.81	1.55	5.43	27.50
March	3.37	2.13	0.75	1.84	1.16	1.63	5.98	1.18	3.12	1.35	21.51
April	1.94	1.45	1.91	0.80	1.95	0.67	3.01	1.81	3.36	3.45	20.35
May	2.34	3.41	3.41	1.96	3.80	3.38	3.58	1.03	3.14	1.32	27.37
June	0.70	0.56	2.54	1.73	2.18	3.70	2.75	4.23	0.57	1.31	20.27
July	1.52	3.22	1.88	2.03	2.15	1.80	3.97	2.77	3.91	2.26	25.51
August	3.56	3.61	2.89	2.22	2.28	5.01	0.51	3.96	1.87	4.80	30.71
September	0.63	2.10	5.65	14.63	1.93	3.23	2.23	1.70	1.26	4.64	28.00
October	4.15	1.77	4.59	14.21	4.75	1.46	0.91	1.97	4.54	2.91	31.26
November	2.77	1.26	3.02	6.34	0.45	4.39	3.40	2.56	4.17	4.02	32.38
December	1.82	3.58	1.88	2.28	2.76	3.61	3.36	3.71	2.74	4.22	29.96
TOTALS	30.46	28.55	35.06	33.13	29.12	36.69	33.37	33.09	31.65	36.46	327.57

1948 (April) gauge sound. Engineers will ensure regular readings by putting reader to observer. No seems good, but there may be small omissions.

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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

## RAINFALL at Ruthin (Bwlch Tuned)

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County of Denbighshire

Observer W. K. Lewis, Esq., B.Sc. M.I.C.E.

River Basin 2 - Clwyd &amp; C.

Water Highway, Birkenhead.

Type of Gauge Standard

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....  
 " " 33.75 " " 31 " " 1916-50 " " 1916-50  
 File No. 660251262016/6

Diameter	5"				538	453					
Height	1' 0"						1				
Altitude	908'						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	1.88	3.32	0.93	2.29	2.85	3.44	2.09	2.88	4.66	6.35	30.69
February	2.89	0.98	2.75	2.94	2.28	0.69	2.19	4.45	0.61	2.81	22.59
March	5.06	0.86	1.15	2.00	1.84	2.15	1.19	1.40	1.09	2.20	18.94
April	2.09	1.50	2.67	0.77	0.84	2.09	0.38	0.74	4.53	1.66	17.27
May	3.85	3.10	3.19	3.95	3.30	0.80	1.68	2.44	2.23	1.90	26.44
June	0.90	1.59	2.28	3.04	2.94	2.10	2.02	5.27	2.74	1.11	24.03
July	2.04	2.25	2.67	2.74	0.41	3.75	4.98	4.15	4.28	2.57	29.84
August	3.46	3.24	2.53	4.59	1.56	6.63	5.70	3.20	2.87	3.82	36.80
September	2.21	3.73	3.20	2.29	1.79	3.26	7.75	3.93	0.27	6.81	35.24
October	1.42	4.08	1.58	5.47	2.40	2.28	2.30	2.39	3.44	6.12	31.45
November	6.66	3.01	2.59	6.51	2.08	1.40	2.72	1.64	5.19	5.84	37.64
December	3.87	3.65	1.40	2.71	3.70	3.70	2.52	3.10	6.01	3.05	33.21
TOTALS	385.83	31.31	26.91	39.34	25.99	32.29	35.52	35.59	37.12	46.24	344.14
	a.p.	D	D	D	D	D	D	D	D	D	10

Report signed - Gwynedd Board.

Site: ground near A-B-E, 1:10. About 15 ft. 4 ft. qm. 1 ft. air space from E to W & N  
4 ft. W. from gauge at rear of post. Pipe base 8 ft. high is 17 ft. E.See over:-  
Inspected 20.2.56. one bulb. Gauge stem missing. Meantime art. fixed. Site off cottage SE 36° of E N.W.  
by slope. Recommended about 15 ft. away from cottage; increased protection from hedge new here.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference S 3 / 164580

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

Summary of Earlier Records from 10-year Sheets :

V.S.G.

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			1925-30 D	1931-35 D	1936-38 D	1939-40 D