

## RAINFALL at Newtown, Penarth Weir

County of MontgomeryObserver E. R. Jebb Esq CERiver Basin Savern - Right Bank Sub. 4Glaisher Rain Gauge, by N+3

Diameter ...	8										
Height .....	10										
Altitude ...	3217										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means Totals
January ...	.95	2.81	4.58	1.56	3.94	2.01	1.50	2.88	4.00	10.39	
February ...	2.24	1.94	1.74	4.06	6.32	5.23	1.01	2.65	1.82	16.71	
March .....	2.13	5.34	5.77	4.42	1.03	4.19	2.63	1.83	5.66	14.31	
April .....	1.33	.38	5.76	1.41	1.80	2.04	1.98	1.83	1.89	7.74	
May .....	1.14	1.87	2.56	1.41	2.58	3.49	3.65	2.59	.43	10.16	
June .....	3.39	4.53	2.10	2.26	1.32	2.51	3.10	.75	1.60	7.96	
July .....	1.60	3.07	.82	5.75	4.35	2.18	1.66	3.20	1.44	8.48	
August .....	1.96	6.36	1.59	2.73	4.12	2.23	5.75	1.64	3.38	12.00	
September ..	2.62	.95	2.06	1.32	.80	2.63	1.42	8.31	1.71	14.07	
October ...	3.14	3.94	5.26	1.97	3.13	6.99	4.53	2.25	2.58	16.35	
November ..	4.33	3.01	3.63	4.91	3.31	3.22	2.01	2.48	1.85	9.56	
December ...	6.97	4.56	1.90	7.99	7.52	2.27	1.57	4.67	5.25	13.76	
TOTALS ...	31.80	38.76	38.07	39.79	40.22	38.99	30.81	35.08	30.61	135.49	

1912 Snow fence 4' 6" high 9' 6" all round

1912

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	52.31.28	3.16.7	Abermule <del>Blanthorpe</del>	1 1/2 mi 1 mi	NE W	Blanthorpe	1 mi	W

RAINFALL at Neatour (Penarth) (Went)County of MontgomeryObserver L. C. Jones, Esq. C.E.River Basin 4 - Severn, Rhank.(1926) A. Turnbull Esq. C.E.Glaisher Rain Gauge, by N. J.  
(Straight tube)L. M. S. R. Chester

Diameter ...	8"												
Height .....	1.0												
Altitude ...	321												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	1920-30 Totals	
January ...	4.66	4.15	4.00	2.63	2.29	3.09	4.39	4.83	6.71	1.58	6.90	45.23	
February ...	2.86	3.5	3.91	8.23	3.7	4.82	1.80	2.72	3.66	.50	.72	29.94	
March .....	5.08	2.55	2.82	1.57	1.68	1.52	1.20	3.63	2.64	.38	3.07	26.14	
April.....	5.19	1.34	3.30	2.07	3.48	2.68	2.51	3.11	2.18	.95	4.02	30.73	
May .....	2.23	1.57	1.10	2.88	4.21	3.41	2.45	1.59	1.16	2.11	2.25	24.96	
June .....	2.41	.63	1.46	.40	2.57	.02	1.60	4.04	4.63	2.57	1.55	21.88	
July .....	5.157	1.40	3.85	2.91	5.27	1.89	4.85	3.35	1.74	2.55	3.53	36.49	
August .....	.98	4.86	2.80	3.63	4.05	2.51	3.02	6.39	4.48	2.25	3.04	38.01	
September...	2.08	1.21	2.23	3.00	4.84	2.80	2.01	4.85	1.58	1.66	4.01	30.27	
October.....	2.67	2.01	1.53	6.60	4.34	4.05	3.69	3.66	4.70	4.65	4.70	43.60	
November...	1.47	2.31	1.49	3.65	2.71	3.08	7.58	4.29	6.76	9.69	4.49	47.52	
December...	2.91	2.99	4.24	2.09	5.73	3.46	1.27	1.95	2.99	10.93	4.76	43.32	
TOTALS...	38.69	25.37	32.73	39.66	41.54	33.23	36.37	44.41	43.23	39.82	43.04	418.09	

1920. From gauge  $4\frac{1}{2}$ "  $9\frac{1}{2}$ "  $3\frac{1}{2}$ "  
dread

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	52° 3' 28"	3° 16' 10"	St. Anne's	1 1/2 miles	N.E.	St. Anne's	1 mile	W.

RAINFALL at Newtown (Penarth weir)County of MontgomeryObserver Canal Engineer, L.M.S. Ry.River Basin H. Severn - Right BankType of Gauge GlaisherAnnual Average 35.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bog N

Diameter	8											
Height	1.0											
Altitude	321											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Mean	1931-40 Total
January	2.05	5.66	2.50	4.11	1.39	5.38	6.06	5.73	7.24	3.36	44.48	
February	3.85	.06	3.54	.34	3.98	2.23	6.26	1.36	3.04	3.05	27.71	
March	.99	2.91	2.16	3.04	1.06	2.79	3.42	.59	2.43	2.46	21.85	
April	4.02	4.21	.61	4.10	4.12	2.75	2.14	.18	2.76	2.54	27.43	
May	6.10	5.30	1.99	2.10	.90	2.20	1.70	3.74	1.22	2.93	28.18	
June	4.60	.99	4.22	1.62	3.32	5.91	1.19	2.06	1.83	.91	26.65	
July	3.47	4.53	2.05	1.80	.68	4.11	2.32	3.64	8.05	3.02	34.57	
August	3.94	1.67	1.12	2.77	1.30	.70	1.06	3.51	1.34	.45	17.86	
September	2.52	3.22	1.31	2.08	6.27	3.33	1.94	1.08	.62	2.30	24.67	
October	1.16	6.16	5.53	3.40	6.58	3.34	3.06	5.07	2.50	4.53	41.93	
November	5.72	2.71	1.28	2.37	4.97	5.21	1.82	5.87	7.90	9.64	47.49	
December	1.87	1.89	1.08	5.80	3.68	5.38	3.55	3.68	2.27	2.50	31.70	
TOTALS	41.29 2	39.31	27.39 52	33.53 4	38.25 d	43.33 d	35.12 d	36.51 d	42.10 d	37.69 d	374.52	

1933. Iron Fence 4'6" high 9'6" all round.

1941

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
			Abermule	1 3/4 m.	N.E.	Llanilltharum	1 m.	W.



Station No. T.F. 4248

RAINFALL at Newtown (Pernath Weir) ✓

41

County of MontgomeryObserver South Wales RailwayRiver Basin 4-Severn Right BankBritish Railways (1948)  
Doles and Inland Waterways 1950Type of Gauge GlaisherAnnual Average 3.55 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.A.N.File No. 670002/26

Diameter	8				422	452						
Height	10					1						
Altitude	321					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	2.77	3.73	6.02	3.47	2.28	4.81	2.72	8.66	1.98	1.09	37.53	
February	3.76	0.69	2.72	1.75	3.48	5.24	(1.62)	2.76	1.48	7.52	31.02	
March	3.16	2.05	1.20	0.49	0.97	1.16	(6.50)	1.95	1.48	1.69	20.65	
April	1.44	2.22	1.26	0.78	1.45	1.67	(3.50)	1.99	2.49	3.26	21.06	
May	3.43	5.01	3.43	1.51	2.29	2.36	3.90	3.19	3.22	1.68	30.02	
June	2.11	1.04	3.02	1.69	3.62	2.51	1.91	3.40	0.81	1.36	21.47	
July	2.23	2.82	2.17	1.89	1.58	2.30	1.79	1.20	0.77	2.64	19.39	
August	4.50	2.01	2.91	2.58	3.69	5.86	0.41	3.99	2.13	5.77	33.91	
September	1.67	1.99	5.32	3.41	3.15	6.06	1.94	3.10	2.05	6.24	34.93	
October	3.70	2.93	4.67	5.06	5.28	1.75	0.37	3.16	6.81	2.25	35.98	
November	3.27	0.82	2.69	5.62	0.59	7.42	3.68	2.59	5.53	4.97	37.18	
December	2.47	5.60	1.20	3.53	5.68	4.42	4.67	6.22	5.53	2.43	41.75	
TOTALS	34.51	30.97	36.61	31.78	34.06	45.56	33.01	42.21	35.28	40.90	364.89	

1941 Iron fence 4'6" high 9'6" all round.

1947 Feb. man. 9 April 2nd

34004

323.99

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.
1941			Abermule	1 1/4 mi	NE	Blankwellham	1 mi	W

# Air Ministry, Meteorological Office

Station No. TF 4248

RAINFALL at Newtown (Penarth Weir)

County of Montgomery

Observer Docks & Inland Waterway (1950)

River Basin 4 - Severn - Right Bank

Type of Gauge Glaisher

Annual Average 35.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915

Ref. B. J. N.

" " 36.94 " " 35 " " 1916-50 " "

File No. 610003/26

Diameter ...	8"				422	452					
Height ...	1'					1					
Altitude ...	321'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	4.58	5.48	1.00	2.73	3.26	5.01	2.17	3.53	4.12	5.85	37.73
February ...	5.49	1.51	1.87	4.07	1.64	0.77	3.29	4.32	0.48	3.66	27.10
March ...	5.05	1.06	2.79	2.84	3.30	1.43	2.54	0.87	2.32	1.90	24.10
April ...	3.58	1.61	3.81	0.94	1.15	2.47	0.11	0.61	4.64	1.94	20.86
May ...	3.41	2.82	1.68	3.09	5.84	0.39	1.47	2.87	2.44	1.01	25.02
June ...	0.65	2.82	1.95	4.03	3.60	1.36	2.12	4.21	2.65	1.89	25.26
July ...	1.80	1.06	4.43	2.45	0.74	3.12	3.68	4.52	3.47	2.40	27.67
August ...	3.13	4.26	3.31	4.73	1.83	3.85	6.69	2.27	1.21	5.15	36.43
September ...	2.53	2.17	3.89	2.64	1.25	4.17	5.95	6.49	0.05	4.82	33.96
October ...	1.55	5.09	2.12	4.57	1.98	1.54	2.92	3.04	3.30	6.61	32.72
November ...	8.88	4.05	3.40	9.85	2.53	1.26	3.13	1.91	4.54	6.48	46.03
December ...	4.93	4.17	0.99	6.03	4.59	3.65	2.85	3.99	6.24	4.74	42.17
TOTALS ...	45.58 d	36.10 d	31.22 d	47.97 d	31.70 p	29.02 d	36.92 d	38.63 d	35.46 d	46.45 d	379.05

1960 Sup. Mr. Chuter o/s S. Tree 40'-50's, 5' high railing 8" radius g. collar backing.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 50(32)13425

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

accepted.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1711-19 D but 1712 blank	1730 d.	Only 37-38 d Rest d.	Only 46, 47, 49 d Rest d.	