

RAINFALL AT Newport Pantygroes Reservoir

Lat.

Lon.

County of MonmouthshireSymon Brandon

Rain Gauge, by

Date 1893 - 3.Observer The Meteorological

C Culverley

Diameter									5	
Height									1.0	
Altitude									435	
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.57	2.67	3.57	8.00	8.85	1.38	9.72	3.28	3.44	1.91	4.939
February ..	9.50	1.77	2.99	3.88	8.03	1.47	5.47	3.00	2.77	1.12	4.000
March ..	1.19	3.53	3.53	7.93	2.64	7.31	3.30	2.86	4.92	6.16	43.37
April ..	2.26	6.17	3.14	2.47	3.41	4.17	1.47	3.80	3.56	3.73	3.418
May ..	3.14	1.39	2.17	4.60	4.36	.29	5.04	3.77	3.81	2.26	3.033
June ..	3.04	3.50	3.64	2.15	2.03	4.14	3.11	6.17	1.28	2.50	3.156
July ..	1.58	3.23	1.80	3.95	5.47	.88	1.03	3.56	4.60	3.42	2.952
August ..	5.49	4.35	5.39	8.03	3.88	5.86	3.12	5.36	7.70	3.41	5.259
September ..	2.29	3.76	2.78	5.48	4.13	3.19	1.53	1.12	3.82	5.31	3.341
October ..	7.51	2.82	5.52	16.44	1.74	3.04	9.60	7.21	3.05	11.18	6.711
November ..	6.20	1.55	5.88	2.82	2.72	6.03	4.47	4.01	2.08	3.13	3.889
December ..	10.77	9.09	5.72	4.93	4.72	2.04	2.45	9.47	6.41	10.71	6.531
TOTALS ..	59.54	43.83	46.13	69.68	51.98	39.80	50.31	53.61	45.94	54.84	51.566

1908 Henllys Church 1 1/4 mile SE
 Rain Station 2 SW
 House 2391 ftpl 30 yards N

2 Daily values in bound volume, shelf C 3, R. 144.

RAINFALL at Newport W.W. Pant-y-groes Reservoir

County of Monmouth

Observer Newport Corporation

River Basin

Lake + 3

Snowdon Rain Gauge, by

New gauge

Diameter ...										5		
Height										1 0		
Altitude , ...										435		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...										4.92	5.40	
February ...										3.34	6.03	
March										2.88	5.91	
April										2.44	1.71	
May										1.54	.54	
June										1.58	1.13	
July										2.72	6.34	
August										9.41	3.04	
September...										3.43	10.83	
October ...										6.89	3.55	
November..										2.48	3.33	
December...										1.19	7.07	
TOTALS ...										59.86	40.55	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.37	3.5 W	Rhoson	2	SW	Henllys	1	SE

RAINFALL at Newport Park-yards Res.

County of Monmouth

Observer Newport Corporation

River Basin. Usk & C 3

Elevation Rain Gauge, by

An. A.v. 1916-27 55.53" 3" High. (1916-50) old gauge

Diameter ...	5										
Height	1.0										
Altitude ...	435										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Totals
January ...	7.27	2.01	6.80	9.74	3.19	5.31	6.37	1.94	5.62	7.44	21.37
February ...	7.47	5.85	4.51	3.18	7.26	7.91	8.04	1.68	4.08	5.71	19.51
March	2.44	2.42	9.51	9.15	6.75	1.49	4.29	4.38	3.43	7.06	19.16
April	3.35	3.39	.32	7.69	3.31	1.90	2.10	2.93	2.60	8.54	10.17
May	2.91	3.18	3.09	3.81	3.06	3.15	4.47	3.56	1.88	.69	10.60
June	4.59	3.20	8.14	2.21	2.90	.96	4.33	3.30	1.66	1.71	11.00
July	2.99	.26	5.02	.37	6.95	7.14	2.96	2.79	6.78	2.16	14.49
August	6.77	3.22	10.60	2.29	3.73	2.39	4.09	10.22	3.75	3.62	21.66
September ..	.35	2.87	1.03	4.15	3.09	1.34	1.99	3.78	13.01	3.42	22.20
October ...	5.09	5.39	6.77	6.94	3.22	5.50	11.51	8.31	4.42	3.77	27.01
November ..	7.60	8.13	2.77	7.35	7.20	3.08	5.29	2.58	4.07	3.57	15.45
December ...	8.21	12.98	11.12	3.17	11.63	12.45	4.63	1.12	8.44	9.29	23.58
TOTALS ...	59.04	52.90	70.68	60.05	62.29	52.62	59.85	46.59	59.74	50.02	216.20

946

1912 Horner 20 July 25 yds N

N.G.R. 254915

Suspected at head of glen, on very steep slope. Moved by Mr. Burton (5.VIII.09) from 142m 5.VI.17 top of slope to 4 way house. Suggested name g. on flat close to River.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 3' 0"	3° 5' W	Bridgn	2 m	SW	Henllys	1 m	SE

RAINFALL at Newport, Pantyfear Res.

County of Monmouth Observer Newport Corporation.

River Basin W.L.C. 3.

Shrooder Rain Gauge, by _____

An. Av. 1916-27 55.53" 3" high (1916-50)

Diameter ...	5									MEANS.
Height	1.0									
Altitude ...	435									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	9.60	6.59	6.20	3.01	6.66	6.54	10.80	5.86	12.32	
February ...	2.62	.08	6.72	11.55	.68	8.05	4.48	4.63	7.45	
March	5.39	4.27	6.38	2.21	3.06	.53	.99	4.95	6.89	
April.....	7.08	.90	4.29	4.28	5.18	2.97	3.14	1.91	1.72	
May	4.29	2.95	1.69	2.58	6.79	6.25	3.29	1.23	.74	
June	4.20	.30	1.38	1.40	3.49	.00	2.60	6.11	3.90	
July	7.39	1.84	6.45	2.46	6.35	3.88	2.87	5.79	#	
August	2.62	4.54	4.45	5.42	7.88	6.39	5.35	6.70		
September...	4.03	3.41	4.03	4.79	10.69	6.00	1.76	8.40		
October.....	4.40	2.14	1.95	9.45	7.95	7.19	4.67	6.75		
November...	2.96	4.93	3.53	5.99	4.74	2.64	10.92	6.20		
December...	8.65	5.62	8.58	5.12	11.04	5.12	.33	4.51		
TOTALS...	63.93	37.57	55.65	58.26	74.91	55.56	51.20	63.07		
(o)	D	D	D	D	D	D	D	D	D	

1920 bad not printed.

1921 " "

1922 " "

1923 " (check)

1924. Not printed.

1925 " (big)

1927. " fib.

not requires unless site improved 10^A 660 606/16.

Inspected '17

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. 254915
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51°35' S°		Risca	2 m.	S.W.	St. Mary's	1 m	S.E.

(New Gauge)

20

RAINFALL at Newport M.W. Party years Res:

4016

County of Monmouth

Observer Newport Corporation

River Basin U.S.P. & C. 3

Snowdon Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	430	435									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS. 1930
January ...	6.24	4.28	4.73	2.01	5.54	5.19	8.85	4.73	10.24	2.05	9.87
February ...	1.51	-08	4.94	9.80	1.58	5.73	3.35	3.84	6.13	1.60	.57
March	3.99	3.24	4.08	1.86	2.21	1.44	1.70	4.02	5.34	.79	3.48
April.....	5.85	.73	2.76	3.27	4.24	2.45	2.43	1.52	1.32	.80	3.41
May	3.66	2.51	1.21	2.06	5.72	5.31	2.76	1.04	.62	3.19	2.22
June	3.57	.87	.97	.93	2.80	.00	2.06	5.33	3.05	3.04	1.46
July	6.43	1.29	4.50	1.86	5.96	3.31	2.47	4.78	2.97	2.68	4.47
August	2.03	2.87	3.32	4.06	6.48	4.88	4.34	5.29	2.72	4.03	6.07
September...	3.73	2.67	3.03	3.48	3.19	4.82	1.42	6.23	.51	.79	6.20
October.....	3.93	1.60	1.76	7.43	6.57	5.32	3.90	4.69	8.74	8.38	5.91
November...	3.28	3.96	2.79	4.20	3.50	2.03	8.87	5.31	7.14	14.38	5.87
December...	6.13	3.45	6.10	4.08	8.04	4.25	.27	3.92	5.51	11.91	6.42
TOTALS...	50.15	26.95	20.29	45.04	59.83	43.73	41.42	50.80	54.59	53.64	55.95
(2)				D	D	D	D	D	D	D	D

1920-76
Totals

38.18

30.15

28.78

30.30

23.28

40.78

46.09

41.11

58.23

61.63

60.08

522.31

1930

Inspected '17

Position 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
1920	51.35	3	Risca	2 m.	S.W.	Scalley	1 m	S.E.

RAINFALL at Newport W.W. (Pant-y-nos Reservoir.)County of Monmouth.Observer Newport CorporationRiver Basin R. Usk & C.L.

Type of Gauge.....

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

660 606 / 260

Diameter	5.											
Height	1.0.											
Altitude	3 485.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	3.99	8.28	3.61	6.84	1.01	6.82	7.04	8.78	9.51	3.86	59.74	
February	3.85	1.10	4.59	6.2	6.55	2.61	8.23	2.32	3.92	5.97	37.76	
March	1.99	2.51	4.42	3.22	1.04	4.52	4.58	6.64	2.35	4.34	28.61	
April	3.59	4.89	2.28	3.17	7.54	3.62	4.56	1.13	4.24	3.48	37.50	
May	8.37	5.96	2.46	1.82	.89	1.22	2.57	4.93	1.48	2.67	32.37	
June	4.49	2.28	1.63	1.98	8.06	3.29	1.66	2.86	2.76	.86	29.87	
July	4.61	4.80	3.33	1.02	.77	9.67	3.87	5.12	11.39	5.63	60.21	
August	4.87	1.54	1.43	5.13	1.70	1.14	1.66	3.57	2.78	.35	24.17	
September	1.91	5.69	1.96	4.40	10.16	3.73	2.13	2.91	1.37	1.55	35.81	
October	1.90	7.21	5.07	4.10	7.97	2.27	3.61	10.65	4.37	9.03	55.18	
November	10.97	2.50	1.01	1.86	7.53	6.03	3.36	8.62	10.11	12.94	64.93	
December	2.93	3.21	1.70	12.33	4.92	8.78	3.92	6.47	2.85	3.46	50.57	
TOTALS	51.47	48.97	33.49	46.49	57.14	53.70	47.19	57.00	57.13	54.14	506.72	q.lm

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 4016

RAINFALL at Newport W.W. (Pant-y-gas Reservoir).

41

County of Monmouth

Observer Newport Corporation

River Basin 3-Mile &c.

Type of Gauge

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

Ref.

File No. 660606/26

Diameter	5			486	524			5"			
Height	10				1			1'			
Altitude	485				41			485			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Total 10
January	5.23	6.01	10.37	5.25	3.85	7.51	4.44	11.79	1.76	1.68	57.89
February	5.82	4.41	3.19	1.06	6.08	2.94	2.12	3.46	2.48	10.01	31.57
March	3.98	3.81	1.48	2.22	2.06	1.42	9.95	2.65	9.16	4.14	31.87
April	1.22	3.14	1.46	2.93	3.00	2.16	5.19	3.49	4.13	3.82	30.54
May	2.70	8.14	5.83	1.57	41.8	4.11	2.88	4.62	4.42	3.15	41.60
June	2.13	0.03	3.73	3.18	5.06	5.24	2.73	5.06	.98	2.16	30.30
July	3.78	3.10	3.17	3.37	4.44	2.91	3.36	2.49	1.32	7.41	35.35
August	6.98	6.01	5.23	2.34	5.03	9.05	1.09	5.23	3.32	8.03	52.91
September	.56	4.85	5.16	6.16	4.37	7.84	2.80	5.14	2.86	7.21	46.95
October	3.95	3.52	3.27	6.96	5.24	1.35	1.68	6.29	9.42	2.57	44.25
November	3.24	.91	3.31	10.35	.90	8.46	6.01	3.17	4.47	6.54	44.36
December	5.17	6.57	3.23	3.55	7.51	6.21	4.63	7.43	4.30	3.61	52.21
TOTALS	44.76	46.50	49.43	47.54	51.72	59.20	46.88	60.82	41.69	60.33	506.50
	D	D	D	D	D	D	D	D	D	D	92

1949 in F.1690 "New" written - new gauge. There is also an "old gauge" at 435 ft.

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

Station No. 4016 T.F. 53

RAINFALL at NEWPORT W.W. (PANT-YR-EOS. RESERVOIR)

51

County of MONMOUTHSHIRE

Observer NEWPORT CORPORATION

River Basin 3-USKC

and of Monmouthshire

Type of Gauge Inovation (No.2)

Water Bd.

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950 Ref. S
 60.39 " 32 " (earlier) 1918-52 File No. 66.006/26

Diameter	5"			486	524				5"		
Height	1'0"				1				1'3"		
Altitude	485	435			51				435'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.81	6.02	1.42	3.79	5.79	7.08	8.73	6.41	7.88	6.41	59.34
February	5.19	.81	2.75	6.53	2.97	.41	7.69	7.93	.49	6.08	40.85
March	4.57	3.80	2.97	6.35	3.21	1.53	7.44	1.69	5.08	3.14	39.78
April	4.02	4.61	5.36	.84	2.64	3.01	.18	1.23	4.88	3.75	30.42
May	3.13	4.45	4.77	3.34	7.43	1.43	3.25	5.35	1.90	1.98	37.03
June	1.56	2.92	2.77	6.90	5.58	4.34	1.20	3.98	2.58	3.23	35.06
July	1.45	3.11	7.45	4.03	.49	4.92	6.17	5.12	4.79	6.81	43.34
August	6.52	7.33	6.35	6.50	1.17	6.90	5.22	5.63	2.23	6.67	54.52
September	5.65	4.22	6.63	8.42	2.37	7.23	7.80	10.69	.33	7.16	60.50
October	1.36	7.17	4.92	9.65	3.42	2.82	6.66	6.09	5.69	9.62	57.40
November	10.00	4.99	5.14	12.47	1.07	1.76	3.11	2.38	7.48	13.37	67.77
December	6.05	4.29	1.82	5.65	8.97	7.98	4.08	5.81	14.70	9.66	69.01
TOTALS	55.31	53.72	52.35	74.67		49.61			58.03	77.88	59.502
	D	D	D	D	51.01	49.88	60.53	62.31	D	D	

1957 June Clegg for 20th.

2 gauges. Oblique of SW and SE on a steep slope down to S and SE. Slope 25°-15°N on slope alone. - RECEIVES MORE THAN Newg. ~ 40yds E on level area near reservoir and ~ 30' lower. - the side of N-ESE stream satisfactory.

31/210793

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 31.254915

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

Summary of Earlier Records from 10-year Sheets :

Newg.

NPV

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		D	D	D	D	

= 1932