

RAINFALL AT Newport W.W. Llanrhaeadr

Lat.

Lon.

County of Monmouth

Symon London Rain Gauge, by
Lusk &c - 3.Observer Baldwin Latham Esq C.E.
R. H. Hayes Esq C.E.

Diameter	5									
Height	0 10								1 0	
Altitude ..	514 ft										456
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.18	2.16	2.01	5.60	4.95	1.28	6.60	2.34	2.09	1.33	3.354
February ..	7.72	.93	2.24	2.13	5.92	.86	3.42	1.86	1.53	.45	2.706
March ..	1.13	2.50	2.17	4.82	2.30	5.70	2.37	1.55	2.98	4.60	3.012
April ..	1.38	4.21	2.38	2.54	2.01	3.58	1.11	2.88	3.25	2.20	2.554
May ..	2.10	1.56	2.37	3.81	2.64	.28	3.29	3.08	1.68	1.31	2.207
June ..	2.16	2.88	3.64	2.74	1.00	4.10	2.63	3.53	1.85	2.22	2.675
July ..	2.16	3.42	1.68	3.74	3.90	.82	.71	2.14	3.48	2.76	2.481
August ..	3.66	3.25	4.33	5.92	2.92	5.10	2.16	2.52	4.13	2.42	3.641
September ..	1.55	2.94	2.83	4.27	2.77	2.29	1.00	.74	2.54	4.43	2.536
October ..	5.29	1.93	4.23	10.98	1.17	2.58	6.87	6.24	3.60	6.97	4.986
November ..	3.91	1.07	3.65	2.08	1.94	4.25	3.16	3.36	1.20	1.92	2.657
December ..	7.62	6.13	3.79	3.69	3.38	1.24	1.44	6.60	3.24	6.70	4.383
TOTALS ..	43.86	32.98	35.32	52.32	34.90	32.06	34.76	36.84	31.57	37.31	37.199

D D D D D D D

Hub

1908 Llanrhaeadr Church 1 mile S

Major Station 412 - S

Gauge in a few open spaces

RAINFALL at Newport W.W. Llanvaches Embankment
 County of Monmouth Observer Newport Corporation

River Basin Usk + C 3

Snowdon Rain Gauge, by N°3

Diameter ...	5											
Height	0. 10											
Altitude ...	456 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means	Totals
January ...	3.85	1.12	4.53	6.30	1.60	2.90	3.20	1.10	4.19	5.25	14.84	
February ...	4.22	3.11	3.67	2.03	4.51	4.76	5.58	1.29	2.55	4.43	13.85	
March98	2.22	5.96	5.33	4.98	1.07	4.87	3.86	2.62	6.49	17.84	
April	2.50	2.07	.22	4.53	1.93	1.48	1.48	2.53	2.39	2.03	8.43	
May	1.93	1.75	2.11	3.26	2.14	3.16	3.63	3.47	2.24	.46	9.80	
June	3.91	2.95	5.85	1.35	2.60	.85	3.62	2.48	1.15	1.32	8.57	
July	2.93	.06	4.19	.21	5.81	4.37	2.27	2.56	4.33	3.34	12.50	
August	6.48	3.08	8.77	1.21	2.98	2.25	4.02	8.55	2.98	4.01	19.56	
September ..	.44	1.57	.66	4.24	1.55	1.53	1.20	3.50	9.43	2.31	16.44	
October ...	4.02	3.03	4.73	3.69	2.21	4.14	1.47	5.69	2.77	2.77	18.60	
November ..	5.18	5.96	2.30	5.54	4.84	2.52	3.43	1.49	3.07	2.65	10.64	
December ...	4.85	7.81	6.52	1.48	7.17	8.52	3.73	.81	5.35	6.08	15.94	
TOTALS ...	45.59	34.73	48.94	39.17	42.32	37.55	44.50	37.23	43.67	41.14	166.54	76n

1912 Embankment - Clear

Inspected W.C.M. 5. vii. 17 Within iron railing rising 2 ft 6 in to 15 in. above ground. On level at top of slope of bank, at W. end, 30 yds. from bank and 10 yds. from slope to water.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 30'	2° 50' W	Magor	4 m	S	Llanvaches	7 m	S

RAINFALL at Newport W.W. Llanvaches Embankment.County of MonmouthshireObserver Newport Corporation 4017River Basin Usk and C. S.Snowdon Rain Gauge, by _____

Diameter ...	5	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS. 1920-30
Height	10											
Altitude ...	456											
Year												
January ...	626	4.09	4.00	1.89	5.07	4.58	7.86	4.34	8.01	1.25	6.56	53.91
February ...	132	1.19	5.05	7.64	.78	4.87	3.11	3.38	4.66	1.47	.60	33.07
March	3.92	2.78	4.72	1.80	2.09	.45	.57	3.29	4.59	.67	3.16	28.04
April.....	4.88	.74	3.10	2.99	3.71	2.05	2.63	1.55	1.25	.99	3.12	27.01
May	3.50	2.42	1.48	2.12	5.56	4.88	1.76	.80	.94	3.51	1.86	28.33
June	4.02	.28	1.08	1.08	3.28	.05	2.49	3.98	2.48	2.19	.98	21.91
July	5.53	1.06	5.71	3.15	6.35	3.37	2.76	5.99	3.00	1.80	3.53	42.26
August	1.93	3.54	4.63	3.39	6.49	3.99	4.29	5.71	3.47	3.46	4.05	44.95
September...	3.44	2.62	2.54	3.67	6.38	5.18	.99	5.20	.66	.56	4.90	36.14
October.....	3.34	1.77	1.47	6.93	6.60	5.68	3.95	4.67	7.39	6.22	4.33	52.35
November...	2.02	3.16	2.32	3.77	3.47	2.32	8.51	4.03	5.55	13.06	4.87	52.08
December...	5.07	3.07	6.42	3.45	7.38	4.15	.40	3.30	4.41	9.23	5.04	51.92
TOTALS...	452.3	257.2	4252	41.88	57.16	41.57	39.32	46.24	116.14	44.41	42.50	472.96
	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	964

Impacted '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 from gauge	Parish Church.	Distance from gauge
1920	51° 35' N	3°	Magor	4m. S.	Llanvaches	3km. S.	

RAINFALL at Newport w.w. (Glanvarles)County of Monmouth.Observer Newport CorporationRiver Basin 3 miles S.E.

Type of Gauge

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

Ref.....

660606/26

Diameter	5											
Height	0.10											
Altitude	4056											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.84	6.70	2.84	3.81	.86	4.54	4.56	6.18	6.73	3.28	42.34	
February	2.39	.07	3.74	.64	3.99	2.37	5.96	1.28	3.04	3.86	26.34	
March	.88	2.44	3.92	2.11	.74	3.84	3.25	.32	1.41	3.10	22.03	
April	3.28	3.77	1.61	2.72	6.26	3.43	3.72	.10	3.57	2.73	31.19	
May	5.09	6.09	2.38	1.81	1.20	1.29	2.49	3.13	0.95	2.67	27.10	
June	4.33	1.67	1.12	2.68	5.70	4.43	1.15	1.83	2.45	1.28	26.64	
July	3.77	3.69	1.71	.74	.38	8.74	3.98	3.92	6.76	4.53	38.22	
August	4.74	2.29	1.60	3.53	1.90	.88	1.23	4.12	3.81	-21	24.21	
September	2.02	4.88	2.25	3.78	8.29	3.39	1.91	2.22	1.06	1.27	31.02	
October	.73	6.29	4.49	3.12	6.89	2.01	3.77	6.98	3.15	6.29	43.72	
November	7.43	2.18	0.94	1.54	7.14	4.65	2.40	5.54	7.15	8.98	47.95	
December	2.75	2.37	1.44	9.41	4.30	5.83	2.96	4.17	2.22	1.99	37.44	
TOTALS	40.25	42.44	27.94	38.84	47.65	45.42	37.38	39.79	41.30	40.19	395.20	96

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. 4017

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RAINFALL at Newport W.W. (Llanwaches)

County of Monmouth

Observer Newport Corporation

River Basin 3 - Usk & c.

Type of Gauge

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

Ref.

File No. 660606/26

Diameter	5"				481	096					
Height	0 10'					1					
Altitude	456'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Totals
January	4.43	4.01	7.68	4.03	3.17	5.76	3.31	8.23	1.26	1.08	43.02
February	4.34	3.34	2.13	4.46	4.33	2.69	3.85	2.23	1.80	7.05	26.22
March	2.41	2.96	1.47	2.44	1.88	1.36	1.30	1.92	1.79	2.50	23.83
April	1.08	2.18	.98	2.33	2.08	2.36	3.88	2.67	3.45	2.11	23.12
May	2.21	4.94	4.52	.93	3.44	4.85	2.59	3.45	3.12	1.35	31.40
June	2.16	.22	2.20	3.27	4.75	4.01	2.46	2.67	.49	1.57	23.79
July	4.14	2.25	2.50	3.08	2.98	1.88	2.57	1.31	.97	4.52	26.20
August	5.47	4.73	4.02	3.29	3.59	7.94	1.32	4.36	2.22	6.48	43.42
September	.80	3.90	3.94	5.18	3.42	5.54	1.22	3.74	2.62	5.31	35.67
October	2.78	2.72	2.69	5.62	4.73	1.27	.81	4.54	7.39	1.55	34.10
November	2.33	1.21	2.41	7.52	1.11	5.80	4.27	1.85	3.30	5.17	34.97
December	3.75	4.46	2.32	2.41	6.34	4.58	2.76	5.58	3.07	1.69	36.96
TOTALS	35.90	33.92	36.86	38.36	41.82	48.04	33.39	42.55	31.48	40.38	382.70

+7 -15 +9

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

RAINFALL at NEWPORT W.W. (LLANVACHES)

County of MONMOUTHSHIRE

Observer NEWPORT CORPORATION

River Basin 3 - USK & C

and S. Monmouthshire

Type of Gauge M.O.H.G. (G.V.E. 22)

Date 1/3/51

Annual Average in. based on years obs. un-weighted. Period of average 1916-1950 Ref. P
 40.58 " " 35 " " 1916-1950 File No. 640606/26

Diameter	5"			481	096			5"		
Height	0' 10"					1		1' 0"		
Altitude	456'					51		460'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	4.68	2.97	.96	2.72	4.31	3.66	5.83	4.26	4.94	5.09
February	3.80	1.53	1.92	4.86	1.70	2.20	4.79	6.18	.41	3.65
March	3.85	2.41	1.57	4.33	2.00	1.73	5.31	1.46	4.08	2.26
April	2.84	2.34	4.46	4.44	1.70	2.56	.07	.95	3.61	2.31
May	3.01	3.78	2.88	2.34	5.69	.95	1.40	4.22	1.21	1.89
June	1.03	1.77	2.18	4.79	4.49	3.05	1.66	3.92	1.80	2.28
July	.74	2.54	4.69	2.89	.20	3.14	4.72	4.58	3.79	6.05
August	5.59	6.10	5.61	4.50	1.04	5.12	4.58	4.25	1.93	7.14
September	5.48	3.59	4.07	5.61	1.84	5.15	5.27	8.42	.16	5.03
October	1.10	5.59	3.04	6.22	1.86	2.30	4.65	3.47	3.05	9.05
November	6.79	4.54	3.11	7.62	5.22	1.18	2.33	2.46	5.05	8.42
December	3.70	2.47	1.41	3.47	6.85	5.11	2.98	4.03	9.06	5.30
TOTALS	42.11	38.63		50.09						
	D	D	D	35.80	33.15	43.59	48.20	39.09	58.47	79.78

1951 Expected in April 1952 and found to be leading.

1951 n.p. low.

1952 n.p. low

1953 print

Influenced 22.11.60 by tributaries of NW-E-SSE of SW-WNW. Wind 45°-40° W-WNW open to reservoirs after

downstream could avoid wind by moving N but often still growing to W.

Position of Station on Ordnance One-Inch map :			No. of Map.....	National Grid Reference (31) 628929		
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 (1911)	1920-30 (1928)	1931-40 (1938)	1941-50 (1949)	1951-60
	1910-14 - 1915-19 D	D 1923 -	D - 1932	D	