

RAINFALL AT Newport Pantyres Reservoir

Lat.

Lon.

County of Mormouth

Symon Swindon
Uak + C - 3.

Rain Gauge, by

Observer The Meteor Council

C. Cullum Esq

Diameter								5		
Height								10		
Altitude								435		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
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	4.337
April	2.26	6.17	3.14	2.47	3.41	4.17	1.47	3.80	2.56	3.73	3.418
May	3.14	1.39	2.17	4.60	4.36	.29	5.04	3.77	3.31	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	15.44	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	5.41	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
	D	D	D	D	D	D	D	D	D	D	D

1908 Henllys Church 1 1/4 mile S E

Rica Station 2 S W

House 23 ft high 30 yards W

3 Daily values in bound volume, shelf C 3, R. 14.

H. S.

RAINFALL at Newport W.W. Pantygoes ReservoirCounty of MonmouthObserver Newport CorporationRiver Basin Ukter 3Snowdon Rain Gauge, byNewforge

Diameter ...								5			
Height								10			
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	1.88	
August								9.41	3.04	2.96	
September...								3.43	10.83	2.11	
October ...								6.89	3.55	2.87	
November..								2.48	3.33	2.36	
December...								1.19	7.07	6.95	
TOTALS ..									59.86	40.55	

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

RAINFALL at Newport Post-y. 2205 ResCounty of MonmouthObserver Newport CorporationRiver Basin Uk+C 35' copper
Smelter Rain Gauge, byAn. As. 1916-27 55.53" ^{old gauge} 3" High. (1916-50)

Diameter ...	5										
Height	1.0										
Altitude ...	435										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Means. 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	1.65	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	3.54	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	2.76	2.79	6.78	2.16	14.49
August	6.77	3.22	10.60	2.29	3.73	2.39	4.07	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	2.77	27.01
November ..	7.60	8.13	2.77	7.35	7.20	3.08	5.29	2.58	4.07	3.51	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

96

1912 House 20 ft high 25 yds N

N.G.R. 254 915

Inspected at head of Res. on very steep slope. Moved by R.H. Barker (5. viii. 04) from top of slope to 4 way down. Suggested check g. on flat close to Res.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51.30'	3° SW	Osica	2 m	SW	Wendlyps	1 m	SE

RAINFALL at Napport, Pontyrea Res.County of MonmouthObserver Napport Corporation.River Basin Uk & C. 3.Snower Rain Gauge, by _____

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

Diameter ...	5										
Height	1.0										
Altitude ...	435										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	9.66	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	4.23	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	1.00	2.60	6.11	3.90		
July	7.39	1.84	6.45	2.46	6.85	3.88	2.87	5.79	#		
August	2.32	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	7.85	7.19	4.67	6.75			
November...	3.96	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	4.54			
TOTALS...	63.93	37.57	55.65	58.26	74.91	55.56	51.20	63.07			

1920 had not printed.

1921 "

1922 " " (check 9.)

1923 " " (check 9.)

1924 had not printed.

1925 " (big)

1927 " (big)

has requires unless site improves 10^A 660 606/66.

Inspected 7

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51.35	3"	Risca	2 m.	SW.	Steuillys	1 m.	S.E.

RAINFALL at *Newport N.W. Pantyres Res.*

20

4016

County of *Gloucestershire*Observer *Newport Corporation*River Basin *Ugk & B. 3**Snowerdon* 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	4.78	10.24	2.05	9.87									63.78
February ...	1.57	.08	4.99	9.80	.58	5.73	3.35	3.84	6.13	1.60	.57									38.18
March	3.99	3.24	4.08	1.86	2.21	.44	.70	4.02	5.34	.79	3.48									30.15
April	5.85	.73	2.76	3.27	4.24	2.45	2.43	1.52	1.32	.80	3.41									28.78
May	3.66	2.51	1.21	2.06	5.72	5.31	2.76	1.04	.62	3.19	2.22									30.30
June	3.37	.27	.97	.93	2.80	.00	2.06	5.33	3.05	3.04	1.46									23.28
July	6.43	1.29	4.56	1.86	5.96	3.31	2.47	4.78	2.97	2.68	4.47									40.78
August	2.03	2.87	3.32	4.06	6.48	4.88	4.34	5.29	2.72	4.03	6.07									46.09
September...	3.73	2.67	3.02	3.48	3.19	4.82	1.42	6.28	.51	.79	6.20									41.11
October	3.93	1.60	1.76	7.43	6.57	5.32	3.90	4.69	8.74	8.38	5.91									58.23
November...	3.28	3.96	2.79	4.20	2.50	2.03	8.87	5.31	7.44	14.38	5.87									61.63
December...	6.13	3.45	6.10	4.08	8.04	4.25	.27	3.92	5.51	11.91	6.42									60.08
TOTALS...	50.15	26.95	40.29	45.04	59.83	43.73	41.42	50.80	54.59	53.64	55.95									522.34
	(D)	D	D	D	D	D	D	D	D	D	D									92

Inspected '17

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51.35	3	Risca	2 m.	SW	Haulley	1 m	SE.

RAINFALL at Leopold w.w. (Pant-y-neo Reservoir)County of Monmouth Observer Leopold CorporationRiver Basin 3.467 & 2

Type of Gauge

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

660 606 126

Diameter	5											
Height	1.0											
Altitude	3 485											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40	
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	.10	4.59	.62	6.55	2.61	8.23	2.32	3.92	5.97	37.76	
March	.99	2.51	4.42	3.22	1.04	4.52	4.58	.66	2.35	4.34	28.61	
April	3.59	4.89	2.28	3.17	7.54	3.62	4.56	.13	4.24	3.48	37.50	
May	8.37	5.96	2.46	1.82	.89	1.22	2.37	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	.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	8.18	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	9.6m

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

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

Station No. T.F. 4.016

RAINFALL at Newport W.W. (Pant-y-r-eas Reservoir)

41

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				486	524			5"		
Height	10					1			1'		
Altitude	485					41			485		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
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	4.1	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	.22	2.06	1.42	9.95	2.65	2.16	4.14	31.87
April	1.22	3.14	1.46	2.33	3.00	2.16	5.19	3.49	4.13	3.82	30.54
May	2.70	8.14	5.83	1.57	4.18	4.11	2.88	4.62	4.42	3.15	41.60
June	2.13	.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	6.36	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	47.36
December	5.17	6.57	3.23	3.55	7.51	6.21	4.63	7.43	4.70	3.61	52.21
TOTALS	44.76 D	46.50 D	49.43 D	47.54 D	51.72 D	59.20 D	46.88 D	60.82 D	41.62 D	60.33 D	508.50 D

1949 on F.1890 "New" written - new gauge. there is an "old gauge" at 435 ft.

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.

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

51

County of MONMOUTHSHIRE

Observer NEWPORT CORPORATION

River Basin 3-USA&C

and of Monmouthshire

Type of Gauge Inverted (N.2)

a Pat. Sol

Annual Average in based on years obs. un-weighted. Period of average 1916-1950 Ref. S
50.39 32 (within) 1918-52 File No. 660606/26

Diameter	5"				486	524				8"	
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	5.19	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	5.17	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	7.07	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	74.47	51.01	49.41	60.53	62.31	58.03	77.88	595.02
	D	D	D	D	D	D	D	D	D	D	

1957 June Corri's for work.

2 gauges. One SW-W and SE-E on steep slope down to SW SE. Line 25'-15" N on slope above. - RECEIVED MORE THAN 1000 E on level area near reservoir and ~30' lower. - the side of NE-SESE otherwise satisfactory.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference (3) 254915

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
	D	D	D	D	