

## RAINFALL AT Portskewett Sudbrook

Lat.

Lon.

County of Monmouth

Rain Gauge, by

Observer

T.D. Roberts Esq C.E.

note - 3.

W.K. Lawrence Esq C.E.

Diameter	8	8									
Height	1.6	2.0	1.6								10
Altitude	33	33 T				53					22
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.21	3.13	1.32	1.75	2.82	4.20	.56	1.96	.74	5.23	2.492
February	.46	.00	1.37	4.02	3.76	.09	.52	3.35	1.36	3.65	1.858
March	.95	2.34	.73	.30	2.70	2.78	3.46	3.62	.68	1.17	1.873
April	1.45	1.59	1.11	.17	2.09	2.70	.97	3.12	1.58	2.91	1.769
May	1.72	4.36	1.11	1.41	2.09	.91	.21	2.10	2.53	2.23	1.867
June	2.08	1.40	2.15	1.04	2.08	2.13	2.19	2.83	.95	1.50	1.835
July	2.65	2.35	2.89	2.05	4.40	3.53	1.43	1.67	.85	.44	2.226
August	(2.90)	5.85	3.16	2.98	3.29	3.30	1.33	5.41	2.66	2.86	(3.271)
September	.87	1.70	2.58	1.27	2.77	1.37	6.95	3.29	1.66	1.71	2.417
October	.81	6.89	1.92	4.50	4.59	3.26	4.20	1.22	6.91	2.64	2.694
November	2.24	2.46	2.21	2.22	5.57	4.88	.65	1.90	3.18	2.96	2.827
December	.96	3.42	1.01	3.08	3.06	2.70	3.57	4.48	3.46	2.72	2.838
TOTALS	(20.30)	35.49	21.56	24.71	39.22	31.85	26.04	34.95	26.56	30.02	(29.070)

1891 Portskewett 1400 yards N.W.

Stores 40 ft high 80 ft

W

1890 August gauge moved 240 yards E.

## RAINFALL AT Portskewett Sandbrook

Lat.

Lon.

County of

Monmouthshire

Rain Gauge, by

Observer W.K. Lawrence Esq. cl.

use &amp;c - 3.

guston Ry

Diameter ..	8										
Height ..	0. 10										
Altitude ..	22 T'										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.02	1.77	1.55	3.94	4.00	.79	4.27	2.25	2.04	1.27	2.590
February ..	5.58	.69	1.57	1.79	4.02	.83	2.43	1.53	1.58	.48	2.048
March ..	1.01	2.00	1.71	4.36	1.56	4.14	1.98	1.25	2.95	3.64	2.460
April ..	.96	2.95	1.74	2.61	1.98	2.80	1.00	2.27	3.11	2.17	2.150
May ..	2.21	1.12	1.95	3.31	2.71	.28	2.05	2.68	1.17	.90	1.868
June ..	1.82	2.58	2.69	2.27	1.02	3.29	2.41	2.93	1.33	2.78	2.314
July ..	1.38	3.00	1.15	3.71	3.47	.75	.58	2.20	2.58	2.61	2.143
August ..	3.04	3.14	4.10	4.17	2.37	2.96	2.26	1.73	5.27	3.21	3.225
September ..	.93	1.63	1.66	3.87	1.55	.81	.76	.68	2.88	3.82	1.850
October ..	4.12	1.16	2.52	7.78	.80	1.94	5.35	6.63	2.45	5.78	3.853
November ..	2.78	.62	3.32	1.78	1.99	2.99	2.86	2.67	1.01	1.48	2.150
December ..	6.53	5.43	2.97	2.57	2.56	1.08	1.42	6.12	2.72	4.60	3.600
TOTALS ..	34.38	26.09	26.93	42.16	28.03	22.66	27.67	32.94	29.07	32.74	20.267

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Hub

1900 Portskewett Church 1 mile N.W.

House 30 ft high 120 ft N.W.

Portskewett Station  $\frac{1}{2}$  mile N

## RAINFALL at Portskewett Sudbrook

County of Monmouth

Observer W.K. Lawrence Esq C.E.

River Basin Usk + C 3

H.S. Woodward Esq C.E.

Rain Gauge, by

Diameter ...	8											
Height .....	0 10											
Altitude ...	22 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.12	.65	3.76	4.77	1.37	2.90	292	.99	3.29	3.84		
February ...	3.60	2.29	2.17	1.29	3.27	3.87	441	1.10	1.87	3.59		
March .....	.78	202	4.97	4.16	4.11	.90	3.51	3.33	1.94	5.09		
April .....	2.13	1.75	.18	3.13	1.69	.71	1.19	1.64	1.89	1.42		
May .....	1.84	1.06	1.93	2.12	1.62	2.10	3.55	2.23	2.26	.59		
June .....	4.51	2.73	4.37	5.13	2.94	.96	2038	2.34	.84	.78		
July .....	2.10	.09	4.25	.31	3.95	3.51	1.28	1.76	4.24	3.28		
August .....	6.74	2.11	7.50	.76	2.41	1.61	496	7.90	2.00	3.90		
September ..	.25	1.47	.40	4.39	2.02	1.20	1.21	2.72	9.21	1.93		
October ...	4.82	2.48	4.11	2.54	1.81	3.10	6.37	4.37	1.63	2.72		
November ...	4.58	5.48	2.17	3.42	4.32	1.91	2.38	1.09	2.27	1.90		
December ...	4.10	7.30	5.74	1.34	7.01	6.72	3.70	.54	3.59	4.71		
TOTALS ...	38.52	29.43	41.55	29.36	36.52	30.49	3786	30.01	35.06	32.43	34.123	

1912 Hanner 24 feb high 80° N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51 34.55	2 42.60	Portskewett	1 mi	N.	Portskewett	1 mi	W.

RAINFALL at Portskewett, Sudbrook (Government Survey 1912) 20

County of Mormon

Observer H.K. Woodward, Esq., C. S.

River Basin Usk C 3

A. S. Quartermaine C.E. (1925)

Glaisher Rain Gauge, by -

Divisional Eng: GWR Bristol

Glaisher Rain Gauge, by -

## 5. Geography

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S. W. Moore, Esq., (1929)

S. W. Moore, Esq., (1929)

Diameter ...	8							8		
Height .....	0	10						1.	0	
Altitude ...	22							51		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS. 1930
January .....	4.85	3.04	3.16	1.57	4.41	3.52	5.20	3.54	5.66	1.06 14.88
February .....	.97	.17	3.72	6.03	.56	3.81	2.12	3.17	4.08	1.08 14.45
March .....	3.25	1.66	3.61	1.29	1.79	.33	.28	2.62	4.03	.49 2.14
April.....	4.17	.54	2.53	2.50	2.62	1.56	2.31	1.30	.74	.73 2.19
May .....	2.55	2.03	.89	1.78	5.87	3.88	1.55	.71	.67	2.81 1.19
June .....	4.18	.10	1.14	.55	3.83	.00	1.90	3.07	2.56	1.82 .85
July .....	4.91	.66	4.71	1.87	5.02	3.95	1.96	5.83	2.60	1.72 2.63
August .....	1.80	2.93	3.17	2.44	4.93	2.63	3.01	4.33	2.19	2.81 2.89
September...	3.43	2.64	1.99	2.36	4.60	4.07	.66	5.74	.66	.29 3.50
October.....	2.81	1.71	1.15	6.07	5.10	4.27	3.06	3.41	5.59	5.03 3.27
November...	1.61	2.44	1.67	3.00	2.99	1.48	6.79	3.37	3.55	9.41 3.94
December...	3.58	2.23	5.67	2.75	5.10	4.86	.35	3.78	3.15	7.59 3.22
TOTALS...	38.11	20.15	33.41	32.21	46.62	33.86	29.19	40.87	35.48	34.84 31.15
	d	d	d	d	a	d	d	d	d	d

1920. Homes, 24 ~~ft~~ 50 ft. N.  
1929. buildings 25 ft. high, 45 ft. N. S. E. and W.

192. *Scutellaria* sp. (S. *luteola* ?)

1930. Barbed 30' ft. high, 30 yds. N. and 40 yds. S.  
Gauge read 9 am in winter, 9 a.m. in summer.

*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	Parish Church.	Distance from gauge	Direction
1920	57° 24' 55"	24° 40'	Portskewett	1 mi	N.	Portskewett	1 mi	N.
1930.						Portskewett.	3 1st road	W.

## RAINFALL at Portskewett (Budbrook)

County of Monmouth.

Observer G.W. Myfre, C.E. The divisional Engineer.

River Basin 3.462 + c.

Type of Gauge French.

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

818897/28

Diameter	8											
Height	1.0											
Altitude	51											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.94	3.83	1.74	2.73	.69	3.51	3.56	4.34	5.57	3.49	3140	
February	2.03	04	3.74	.38	3.28	2.13	4.54	1.00	1.32	2.88	2154	
March	.85	2.13	2.78	1.40	.72	3.66	3.26	.27	1.02	1.84	1793	
April	2.56	3.11	1.14	1.96	4.64	3.35	2.13	.06	2.58	2.65	2478	
May	4.10	5.42	2.55	1.65	1.06	.69	2.86	2.24	0.66	2.58	2371	
June	3.16	1.15	1.42	1.09	5.60	3.01	1.22	1.00	1.54	1.23	2042	
July	3.09	3.19	1.02	.97	.58	5.50	4.11	3.33	4.97	5.02	3178	
August	4.03	1.42	0.96	2.23	1.69	.38	.37	4.30	2.47	.18	1803	
September	2.11	3.35	2.57	2.53	6.76	2.40	1.52	1.56	0.99	.78	2457	
October	.62	5.55	2.89	1.72	5.11	1.49	3.24	5.32	2.17	4.50	3261	
November	4.57	1.82	0.82	1.07	5.89	3.93	1.77	3.70	5.46	6.97	3600	
December	2.15	1.76	1.04	7.38	3.68	3.59	2.18	2.92	2.17	1.17	2796	
TOTALS	31.21	32.77	22.67	25.21	39.62	33.64	31.36	30.04	30.92	33.29	31073	

1931. houses soft, high, 30-40 yds. N. E. S. W.

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	Direction
1931.			Portskewett	1 m.	N.	Portskewett	2/4 m.	W.

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

Station No. 4010

## RAINFALL at Portskewett (Sudbrook)

41

County of Monmouth

Observer ~~The Divisional Engineer (C.W.R.)~~

River Basin 3-Mak &amp; C.

BRITISH RAILWAYS (1948)

Type of Gauge Plaisher

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

Ref.

File No. 818897/28

Diameter	8		6000 10		480	638					
Height	10						1				
Altitude	51						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.24	3.12	6.80	2.28	2.85	3.97	2.66	5.88	.97	.92	3.69
February	2.88	.36	1.61	.44	2.95	2.48	1.41	2.26	.94	6.26	2.59
March	2.38	2.22	1.44	.23	1.89	1.21	1.10	1.91	1.55	1.98	2.14
April	.91	1.06	.69	1.93	1.50	2.66	2.93	2.90	3.07	2.24	1.89
May	2.00	3.42	3.96	.97	3.82	4.82	2.45	2.89	2.90	1.70	2.93
June	2.39	.21	1.72	3.62	3.65	3.78	2.14	2.27	.44	2.19	2.41
July	2.59	1.55	2.00	1.97	1.67	1.67	2.42	.86	2.68	4.16	2.57
August	4.86	4.08	2.95	2.97	2.14	7.43	1.30	5.76	1.56	6.88	3.993
September	.29	2.62	3.68	4.02	3.13	5.40	1.26	3.42	2.66	4.79	3.27
October	2.55	2.45	2.29	4.47	4.28	.96	.61	3.76	7.89	1.22	3.48
November	1.78	1.13	1.84	6.00	.83	4.79	2.40	2.04	2.86	5.42	3.09
December	2.58	2.80	1.72	1.88	5.50	3.36	2.55	4.88	2.68	1.66	2.901
TOTALS	29.45	25.02	30.70	30.78	33.71	42.53	30.23	38.83	30.20	39.42	33.087

941 Houses and Buildings 40' high 60' N.S.E + W.

④ 1949 On 27.10.49 moved 35° SE

40' houses 38° &amp; 60' N,S,E,W.

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	Direction
1941	-	-	Portskewett	1 ml	N.	Portskewett	3/4 ml	W.

Station No. 4010

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## RAINFALL at PORTSKEWETT (SUDBROOK)

County of MONMOUTHSHIRE

Observer British Railway

River Basin 3 - USK + C

Type of Gauge RAINFALL

Annual Average in. based on years obs. un-weighted. Period of average 1916 - 1950  
 " " 32.89 " " 40 " " 1916 - 55 File No. 818897/28

Diameter	8"		480	638						8"	
Height	1' 0"				1					1' 3"	
Altitude	51'				51					51'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.24	2.96	.80	1.66	3.48	3.95	4.43	2.67	4.02	4.91	3.21 2
February	3.79	.51	1.64	3.37	1.47	.21	4.03	4.92	.43	2.47	3.23 4
March	3.94	2.53	.94	2.60	1.45	.72	4.17	1.33	3.40	2.17	3.22 5
April	3.18	2.54	3.70	.57	1.73	2.29	.05	1.35	3.35	1.84	2.06 6
May	2.91	4.71	2.21	1.86	4.29	.76	1.10	3.85	.84	0.87	1.34 0
June	6.4	2.13	1.61	2.81	3.19	3.25	1.09	3.65	2.54	2.22	2.31 3
July	9.3	1.68	4.64	3.33	.17	2.51	3.61	2.93	2.77	4.88	2.74 5
August	4.32	4.87	3.39	3.81	.67	3.70	2.57	3.25	2.70	6.16	3.54 4
September	3.13	2.55	3.07	5.38	1.05	3.63	4.17	6.64	.11	5.70	3.50 3
October	1.11	4.75	2.14	4.59	1.70	1.76	4.43	3.74	4.02	7.43	3.56 7
November	6.49	3.96	2.85	6.18	3.91	1.09	2.31	2.99	3.70	7.13	4.06 1
December	4.05	2.28	.96	2.34	3.70	5.81	2.44	4.43	7.95	5.64	3.93 0
TOTALS	37.73	35.47	27.95	38.50	26.84	29.38	34.40	41.75	35.83	51.62	35.92 4

1959 Hours 40° high 30° + 60° N, S. & W.  
 1957 Hours 30° at 60° N; Pumping sta. bldgs 50° at 100° W.

Reported 35.460 by Met. Bureau. off SW to N. - open to Bristol Channel over cliff (40'). Original site unfortunately sheltered by buildings and to be re-adopted when possible. Tanks installed 2 years ago made more necessary. A leading N. wall Newg. new site secured  
 Ref. insp. gauge cannot be moved until work on modernising station is finished, probably in Summer 1963  
 1960 np big new gauge ordered 5162.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference ST(3) 508874

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1941			Portskewett	1 mi. N	Portskewett	2 mi. W.

## Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19 (44)	1920-30 (36)	1931-40 (36)	1941-50 (36)	1951-60
	D 1910-12, 17 - 1914-16 d 1919 imp. 1918	1920-25 d 1926-30 D	1931 D 1933-39 D 1940 d	1941-46 d 1947-48 0 1949 d 1950 D	