

RAINFALL at Bristol (Kingswood, Harewood Hill)County of GloucesterObserver West Gloucester Water Co.River Basin Lower Avon - 5Snowdon Rain Gauge, by N. Z.

Diameter									5"			
Height									1' 0"			
Altitude									381'			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	
January								1.88	1.70	1.38		
February								1.40	1.52	.60		
March								1.06	2.52	3.16		
April								3.64	2.74	3.30		
May								2.81	2.12	1.62		
June								2.83	.83	4.10		
July								2.38	2.04	3.26		
August								2.02	4.61	2.09		
September								.52	2.08	3.14		
October								5.20	1.76	5.56		
November								2.86	1.14	1.09		
December								5.85	2.36	4.91		
TOTALS								32.45	25.42	34.21		

1907-1919 and 1931 late up recd. II/33
 1920-1930 late up recd. I/33

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 Direction from gauge	Parish Church.	Distance Direction from gauge

RAINFALL at Hopewell Hill, Kingswood,

County of Gloucester

Observer West Gloucestershire Water Company

River Basin Severn Low Aven - 5

Kingswood, Bristol,

Institution 57 Rain Gauge, by Negretti & Zambra Level of gauge 380.8 o.d.

Diameter	5"											
Height	1' 0"											
Altitude	281'											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Totals.
January	4.20	3.33	3.39	1.81	4.68	3.13	4.98	2.94	5.48	0.88	4.74	37.56
February	1.64	0.30	4.33	6.84	.22	3.66	1.91	3.13	3.69	1.29	.46	27.47
March	2.53	1.81	3.13	1.32	1.39	.48	.52	2.58	2.32	0.33	2.18	18.59
April	4.40	0.81	2.30	2.37	2.88	1.65	2.61	1.18	0.82	0.67	1.99	21.68
May	2.05	1.77	0.90	1.65	4.28	4.18	3.23	1.03	0.92	2.25	1.78	24.04
June	3.11	0.15	1.40	0.50	2.95	-	1.57	2.88	2.10	1.95	.89	17.50
July	4.39	0.80	4.07	2.49	4.40	2.65	2.47	3.79	3.27	1.28	2.64	32.25
August	1.59	2.30	4.86	2.91	4.13	2.70	2.47	4.04	1.83	2.93	3.76	33.32
September	1.40	3.68	1.31	2.52	3.05	2.89	1.22	5.97	0.90	0.31	3.50	26.75
October	2.58	1.42	1.24	4.25	5.06	3.33	4.34	2.16	6.32	5.16	2.47	32.33
November	1.82	2.04	1.72	2.76	3.01	1.62	7.38	2.71	2.95	8.60	4.57	39.18
December	3.07	2.33	3.84	3.22	5.25	4.12	0.59	2.61	2.98	7.49	3.43	38.93
TOTALS	32.78	20.74	32.49	32.64	41.30	50.41	33.29	35.02	33.58	33.14	32.41	357.80

1920-30 data up rec. 26/1/33

1907-1919 and 1931 data up rec. II/33

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
						Stapleton Church	2.05	miles
						Frenchay "	2.10	miles
						Kingswood "	0.65	miles

RAINFALL at Bristol (Kingswood, H. Howells Hill)County of GloucesterObserver The West Gloucester Water Co.River Basin 5 - Lower Avon & C.Type of Gauge Standard type No. 17.Annual Average 30.5 in. based on 29 years obs. ~~un~~-weighted. Period of average 1881-1915. Ref. S.

C 1932

219840/32

Diameter	5'											
Height	1' 0"											
Altitude	381'					378						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	Means
January	1.98	3.71	2.69	2.58	1.87	3.40	4.00	4.29	4.98	2.39	30.89	
February	1.61	.03	2.52	2.24	3.18	2.62	4.21	1.09	1.68	2.74	19.92	
March	.37	2.37	3.31	2.12	.74	2.71	3.22	.25	1.52	2.54	19.15	
April	1.94	3.16	1.39	2.49	4.71	2.13	2.71	.10	2.95	2.34	23.92	
May	3.51	6.02	2.19	1.34	1.40	.45	2.30	2.04	1.00	2.60	22.85	
June	3.62	1.22	1.90	1.52	3.51	3.51	2.55	1.57	2.08	.67	22.15	
July	3.56	3.34	2.27	.85	(.54)	5.56	4.04	3.61	4.54	6.52	30.83	
August	3.33	1.05	0.97	2.30	1.94	.39	1.13	2.98	2.48	.14	16.71	
September	1.81	4.85	2.87	2.10	6.24	3.25	2.10	2.92	.80	1.36	28.29	
October	.81	6.47	2.25	2.09	6.21	1.36	2.94	5.08	2.37	3.46	33.04	
November	3.77	1.95	0.51	1.07	5.72	3.81	1.75	3.84	6.70	8.69	37.71	
December	1.93	1.85	0.43	6.24	3.85	3.03	1.79	3.21	2.06	1.56	25.94	
TOTALS	28.14	36.02	23.30	24.94	38.91	32.22	32.74	30.98	33.16	34.89	315.40	

1931 late up med. E/33

1907-19 do. do. med. E/33

1920-10 do. med. E/33

1932. Water tower 80' high 100' N.

1937 Office block 25'6" high 59' 12" E of NW(N).

1939 Water tower 59'6" high 92'0" 240° E of NW(N)

Position of Station on reduced Ordnance Survey Map, } No. of Map.....111..... Reference No.....4C
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
1937.			Firstpence L.N. S.R.	S. 100'	305° E of N (med.)	Kingswood. Stapleton Fenchay.	1.65 m. 2.05 m. 2.05 m.	151° E of N(N)

Station No. 2185/7

RAINFALL at Bristol (Hopewell Hill)

41

County of GloucestershireObserver W. Gloucester Water Co.River Basin Lower Avon &c. - 5Type of Gauge SnowdonAnnual Average 30.5 in. based on 23 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 219846/32

Diameter	5"			4 1/8	2 3/8	8"						
Height	1' 0"				1	1' 8"						
Altitude	378'			386	41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.23	3.24	5.33	2.16	1.87	2.79	2.38	5.48	.95	.71		Total 28.14
February	2.95	.27	1.91	.73	2.96	2.85	1.58	2.26	1.22	5.26		21.99
March	3.28	2.00	1.26	.34	1.06	.85	5.47	1.52	1.28	1.40		18.46
April	1.16	1.02	1.08	2.33	.96	2.14	2.47	1.86	1.94	1.90		16.86
May	1.64	4.30	2.43	.90	2.56	4.23	3.30	4.63	3.40	2.13		29.52
June	1.61	.45	1.55	2.68	3.53	2.50	1.43	2.56	.61	1.78		18.70
July	1.83	2.47	1.63	2.28	1.81	1.08	2.95	.83	1.92	4.94		21.66
August	4.13	4.99	4.06	3.42	2.47	6.49	1.08	3.50	2.26	6.63		39.03
September	.69	1.88	2.66	3.55	2.45	3.83	1.55	2.19	2.42	4.86		26.08
October	2.09	4.35	2.65	4.56	4.20	1.31	.31	3.67	7.59	1.85		32.58
November	2.19	1.51	2.38	5.23	.34	4.69	2.53	1.55	3.30	5.35		29.07
December	2.45	3.13	1.61	2.10	4.75	2.92	2.80	4.85	1.92	1.85		28.38
TOTALS	27.25 D	29.61 D	28.45 D	30.28 D	28.96 D	35.68 D	27.85 D	34.70 D	29.81 D	38.66 D		310.45 424

1941 Water tower 59' 6" high 93' 24" E of N(M). Office block 25' 6" high 59' 12" E of N(M)

1944 gauge moved 506 ft (distance not stated) to top of reservoir about 14 ft high the year.

1945 Tunnies count nothing 10 ft. 27 ft. 40" E of N(M) June 20 ft. 46 ft 180" E of N(M).
(New gauge installed Jan 1947)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			Stratford L.M.S.	5,100'	305° E of N(M)	Kingswood	3,400'	151° E of N(M)
			Stratford L.M.S.	3,450'	335° E of N(M)	"	3,380'	"

Station No. 2185/7

RAINFALL at Bristol (Hopewell Hill)

51

County of Gloucester

Observer W. Gloucester Water Co.,

River Basin Lower Avon E-5

Type of Gauge Snowden

Annual Average 30.5 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref S
32.20 " " 35 " " 1916-1950 1916-1950
File No. 2198.40/32 P

Diameter ...	8'				418	288						
Height ...	11 8"					1						
Altitude ...	386'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
January ...	3.55	2.70	.82	2.02	2.98	3.86	2.96	2.45	3.43	3.21	28.48	
February ...	3.80	.65	1.43	3.31	1.56	.26	3.03	3.32	.12	1.04	20.02	
March ...	3.08	2.53	.97	2.74	1.30	.64	2.65	1.31	3.41	1.70	21.33	
April ...	3.30	1.86	3.12	.67	1.09	1.37	.07	1.06	2.69	1.22	16.45	
May ...	2.61	4.38	2.11	1.98	4.12	.48	1.50	3.02	1.31	0.85	22.36	
June59	2.26	1.56	4.91	2.91	2.26	1.81	3.45	3.55	2.23	26.03	
July ...	1.16	1.16	4.71	3.38	.12	2.33	3.97	2.38	2.39	4.10	25.70	
August ...	4.84	4.62	5.08	2.42	.81	4.55	2.86	2.76	1.91	5.36	36.21	
September ...	2.62	3.09	3.83	4.92	1.14	2.73	3.91	4.77	.13	4.09	31.23	
October66	4.78	2.41	2.61	1.27	1.38	3.40	2.39	3.41	6.48	29.79	
November ...	6.31	3.77	2.21	6.76	3.29	.81	2.05	2.61	3.77	4.28	35.86	
December ...	2.22	2.28	1.03	2.36	3.27	3.99	2.21	3.44	6.67	4.89	32.86	
TOTALS ...	34.74 D	34.08 D	29.28 D	41.08 D	23.86 D	24.66 D	30.42 D	34.56 D	32.79 D	40.45 D	326.32	

1951 Jennie boat netting 10' high at 27', 90° E of N (T). June 26' high at 96' at 180° E of N (T)
 1956 A little low but accept.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 57(3)643 742

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Staple Hill (L.M.R.)	3,850'	355° E N	Kingswood	3,850'	151° E of N

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	—	✓	Shut - 31	✓	