

10 4342

RAINFALL at Briton Ferry Cen Court

County of Glamorgan

Observer H. A. Clarke Esq. C.R.

River Basin _____ Heath

Standard Rain Gauge, by.

Diameter ...				5								
Height				10								
Altitude ...				503								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	1910-19 TOTALS.
January ...				7.95	3.44	5.38	4.86	2.12	5.02	7.13	19.13	/
February ...				2.05	5.65	7.42	6.16	2.62	4.19	4.87	17.04	/
March				6.89	8.23	1.64	1.99	2.38	2.66	5.58	12.21	/
April				5.98	2.12	2.68	2.86	2.18	1.81	1.88	8.73	/
May				3.55	3.29	2.48	3.62	3.39	2.22	3.00	11.23	/
June				3.10	1.77	2.23	3.77	2.87	2.11	2.23	10.98	/
July				1.23	5.65	6.86	2.06	3.76	6.38	.74	12.94	/
August				1.66	6.24	3.69	4.20	9.40	3.21	3.12	19.93	/
September ..				3.55	4.14	1.52	3.64	3.69	11.99	3.11	22.43	/
October ...				4.91	2.68	5.23	12.60	8.18	4.69	1.98	27.45	/
November ..				8.57	6.24	3.54	5.35	4.10	4.91	3.23	17.59	/
December...				3.27	8.87	9.92	4.18	1.29	9.11	9.69	24.27	/
TOTALS ...				52.71	58.32	52.59	55.09	45.98	58.30	44.50	203.93	

Open ground

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51° 58'	5: 48'	Binton Ferry	GWR	1500 yds	E	St Clements	1338 yds	S E

RAINFALL at Briston Ferry. (Cefn Bryn)County of GlamorganObserver H. C. Clarke Esq., F.C.S.River Basin Neath 4Ferry Farm mouthSnowdon Rain Gauge, by
A.C. (127)

Diameter ...	5"									MEANS.	1930.
Height	1.0										1920-30
Altitude ...	503										To 1935
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	7.51	7.41	4.95	4.10	5.29	4.09	7.89	5.27	10.68	3.10	74.3
February ...	2.53	0.08	5.76	9.89	6.62	7.72	4.27	4.10	4.83	1.82	.66
March	6.35	4.37	3.38	2.93	2.75	1.08	7.3	4.93	4.43	1.89	2.81
April.....	6.19	1.13	3.03	3.00	4.28	3.64	2.32	1.94	.99	.60	3.73
May	3.60	2.35	2.68	2.77	2.82	6.19	3.08	2.22	1.19	3.59	2.40
June	3.73	.72	1.79	1.01	3.07	1.00	2.10	4.32	4.57	3.05	2.46
July	8.06	2.25	6.03	4.23	7.81	3.88	2.69	5.07	2.88	4.63	4.53
August	5.33	5.82	4.14	5.44	6.87	7.94	5.42	5.90	5.55	4.19	7.66
September...	4.38	3.01	5.49	5.61	7.20	5.30	1.80	6.76	1.62	.83	6.61
October.....	4.41	2.02	1.43	6.99	6.82	5.61	3.89	3.06	11.59	8.32	8.62
November...	2.62	3.86	2.69	4.72	4.94	2.86	10.26	5.11	7.35	14.88	5.87
December...	5.96	4.17	5.62	6.13	9.05	4.22	.58	3.18	5.47	9.72	6.46
TOTALS...	58.64	57.19	46.90	56.82	61.52	52.53	45.23	51.86	61.15	56.63	59.54

J. m. per year

1930. Obs. taken 9 a.m.

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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
1920	51° 38' S. 118° E.		Briston Ferry (G.W.R.)	1 500 yds.	E.	St. Clements	1323 d.E.

RAINFALL at Bilton Ferry (Begn Court.)

County of Glamorgan

Observer H.A. Clarke, B.E.

River Basin L-Treath

Borough Engineer, Treath

Type of Gauge A.L.O.

Annual Average 47.7 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S.

766198/27

Diameter	5.										
Height	1.0										
Altitude	503										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Mean Total S.
January	5.23	6.06	3.29	6.10	1.16	6.55	5.28	6.36	6.47	3.84	50.34
February	5.12	1.00	4.02	6.68	5.04	2.07	6.68	2.51	4.23	4.87	35.22
March	1.19	2.60	3.44	3.68	1.22	3.49	2.47	1.20	1.90	3.73	24.92
April	3.78	2.77	2.99	3.74	5.43	3.67	3.13	1.17	4.35	3.38	34.01
May	4.41	6.44	2.09	3.57	2.17	1.39	1.81	5.33	1.14	1.21	28.56
June	4.22	2.72	2.46	2.03	6.10	3.07	2.27	2.94	3.76	.63	30.20
July	7.47	5.68	4.92	1.85	1.30	7.12	3.71	5.46	9.89	4.07	50.53
August	4.45	1.14	1.17	4.72	1.92	1.58	1.04	4.35	3.35	.35	24.37
September	3.48	7.16	1.80	5.0	9.40	1.04	3.41	3.20	1.04	1.99	40.59
October	1.95	9.78	8.16	3.57	6.93	2.28	3.91	7.36	3.54	5.55	53.02
November	8.77	3.45	1.72	1.96	7.87	5.60	3.23	7.85	10.03	10.04	60.52
December	3.07	3.80	1.69	12.17	4.09	3.96	3.26	6.21	5.44	4.74	46.43
TOTALS	53.14	51.60	38.04	47.14	52.63	44.82	40.86	52.94	53.14	44.40	478.71

1931. 1q. in open ground.

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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.			Bilton Ferry G.W.R.	1500'	E	St. Clements	1333'	S.E.
			"	3 m.	W.	"	3 m.	N.W.
1940			Bilton Ferry G.W.R.	1500'	E	St. Clements	1333	S.E.

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

Station No. 4042

RAINFALL at Briton Ferry (Cfr. Court)

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County of Glamorgan

Observer Borough Engineer, Neath

River Basin H. Heath

Type of Gauge M.O.

Annual Average 17.7 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 746198/27

Diameter	5			495	709					
Height	1	0			1					
Altitude	503				41	X				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	3.55	5.31	7.77	5.27	4.70	5.46	3.46	9.91	8.29	1.46
February	4.66	1.41	2.96	1.93	6.42	4.23	.93	2.49	8.12	5.97
March	1.95	3.85	1.52	.65	2.46	1.48	9.18	2.18	9.94	2.75
April	1.60	1.64	1.52	4.05	2.49	1.99	3.12	2.61	3.52	3.54
May	2.39	6.69	4.00	1.65	3.92	3.56	3.13	2.88	4.08	1.94
June	1.51	1.40	4.98	3.69	5.80	5.94	2.52	5.61	.66	2.32
July	3.86	5.27	4.02	4.33	5.58	4.25	4.56	3.02	1.14	5.55
August	6.36	5.19	5.61	3.94	3.70	7.29	.87	9.02	3.07	9.28
September	.62	4.08	7.24	5.17	3.78	8.49	2.94	5.32	9.27	8.79
October	4.19	4.63	4.93	6.92	6.55	1.82	1.59	5.42	8.57	3.96
November	2.68	1.04	2.86	3.73	.79	8.38	5.32	3.48	7.30	6.68
December	4.14	7.64	2.64	4.80	7.62	4.71	5.20	6.20	5.98	3.50
TOTALS	37.51	46.15	50.05	52.13	53.81	57.60	42.82	58.14	43.94	55.74

1941 Gauge in open ground.

BP

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	Parish Church.	Distance from gauge.
1941			Briton Ferry G.W.R.	1500'	E	St Clements	1,333' S.E.
1949			" "	1 mi.		Briton Ferry	1/2 mi.

Air Ministry, Meteorological Office

Station No. 4042

RAINFALL at Briton Ferry (Opp. Castle)

County of Glamorgan

Observer Borough Engineer, Neath.

River Basin 4 - Neath

Type of Gauge M.O.

Annual Average 47.7 in. based on 11 years obs. un-weighted. Period of average 1881 - 1955 Ref. S
" 50.53 " 35 " " 1916 - 50 " " 1916 - 50 File No. 766198/27

Diameter ...	5"				495	709					
Height ...	1'-0"					1					
Altitude ...	503'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.05	6.31	2.29	4.00	3.63	6.54	4.40	3.80	5.53	5.23	48.78 1239.0
February ...	4.66	0.83	3.69	6.12	2.23	0.52	5.50	6.38	.54	3.97	31.64 874.8
March ...	5.35	5.40	3.12	4.38	3.07	1.85	5.99	1.07	5.39	2.38	28.00 965.2
April ...	4.01	4.49	3.44	1.55	4.11	2.28	0.66	1.04	4.77	3.36	29.71 754.6
May ...	2.95	4.87	3.73	3.23	4.87	1.81	2.40	4.52	1.27	1.65	31.30 795.0
June ...	1.88	3.84	2.85	6.58	6.94	2.81	1.56	5.50	3.96	2.61	38.53 978.7
July ...	0.97	2.56	1.00	1.06	2.67	4.04	5.15	5.36	3.94	8.02	46.77 1188.0
August ...	11.21	8.27	1.19	6.9	0.95	6.87	5.26	6.02	2.21	6.21	61.10 1951.9
September ...	5.10	3.39	6.17	6.53	(2.76)	6.29	8.97	10.02	.53	6.74	36.50 1635.1
October ...	0.99	4.66	4.32	9.56	2.93	1.54	5.09	6.20	6.19	6.99	48.47 1231.1
November ...	9.59	4.50	5.30	10.81	4.53	1.84	2.41	4.13	8.86	12.64	61.61 1641.1
December ...	4.81	3.26	2.18	5.42	8.26	5.99	3.49	4.58	9.86	8.36	48.31 1681.1
TOTALS ...	58.57	54.48	51.28	72.15	46.95	57.65	42.38	50.88	58.62	53.05	68.16 530.52 1641.35.6

951. gauge situated "in open ground"

1956 Sent. part. est.

No Susp.

X

00104

Position of Station on Ordnance One-Inch map:			No. of Map	National Grid Reference 55/21/752940		
Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge
1951			Briton Ferry	1.500' WNW	St. Clement's	1.383' WNW

Summary of Earlier Records from 10-year Sheets:

1916 - 50

P accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	/13-19	✓ 1923 R.R.	✓	✓	✓

/13-19 only

✓