

## RAINFALL at

Briton Ferry Cefn Coast

County of Glamorgan

Observer H. A. Clarke Esq. C.E.

River Basin Neath 4

Inverdon Rain Gauge, by

Diameter ...				5								
Height .....				10								
Altitude ...				500								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1915-19 MEANS 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	4.07	17.04	✓
March .....				6.89	8.23	1.64	1.79	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	2.00	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	9.1	9.69	24.27	✓
TOTALS ...				52.71	58.32	52.59	55.09	45.98	58.30	44.50	203.93	✓

Open-faced

3P

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 38'	3° 48'	Briton Ferry GWR.	1600 yds	E	St Clements	1330 yds	SE

RAINFALL at Briton Ferry. (Cefn Coed)County of GlamorganObserver H. C. Clarke Esq. F.R.S.River Basin Neath 4Flood Eng. neat.Rain Gauge, by Shedden  
N.O. (127)

Diameter ...	5													
Height .....	1.0													
Altitude ...	533													
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Means.	1920-30 Totals		
January ...	7.51	7.41	4.95	4.10	5.29	4.09	7.89	5.27	10.68	3.10	7.43	67.72		
February ...	2.53	.08	5.76	9.89	.62	7.72	4.47	4.10	4.63	1.82	.66	42.45		
March .....	6.35	4.37	3.38	2.93	2.75	1.08	.73	4.93	4.43	1.89	2.81	35.65		
April .....	6.19	1.13	3.03	3.00	4.28	3.64	2.32	1.94	.99	.60	3.73	30.85		
May .....	3.60	2.35	2.68	2.77	2.82	6.19	3.08	2.22	1.19	3.59	2.70	33.19		
June .....	3.73	.72	1.79	1.01	3.07	1.00	2.10	4.32	4.57	3.05	2.46	26.82		
July .....	8.06	2.25	6.03	4.23	7.81	3.88	2.69	5.07	2.88	4.63	4.53	52.06		
August .....	3.33	5.82	4.14	5.44	6.87	7.94	5.42	5.90	5.55	4.19	7.66	62.26		
September...	4.38	3.01	5.49	5.61	7.20	5.30	1.80	6.76	1.62	.83	6.61	48.61		
October .....	4.41	2.02	1.43	6.99	6.82	5.61	3.89	3.06	11.59	8.32	8.62	62.77		
November...	2.62	3.86	2.69	4.72	4.94	2.86	10.26	5.11	7.35	14.88	5.87	65.16		
December...	5.96	4.17	5.62	6.13	9.05	4.22	.58	3.18	5.47	9.72	6.46	60.56		
TOTALS...	58.64	37.19	46.99	56.82	61.52	52.53	45.23	51.86	61.15	56.63	59.54	588.10		

J. in pen found

1930. Obs. taken 9 a.m.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 38'	3.48	Briton Ferry. (G.M.S.)	1.350 5.46	E.	St. Clements	1933	d. E.

RAINFALL at Briton Ferry (Cefn Coast.)County of GlamorganObserver H.A. Blake G.E.River Basin L. NeathBorough Engineer, NeathType of Gauge A.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	Mean for 10 yrs
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	00	4.02	.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	3.73	.17	4.55	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	.85	1.30	7.12	3.77	5.46	9.89	4.07	50.53
August	4.45	1.14	1.47	4.72	1.92	1.58	1.04	4.35	3.35	.35	24.37
September	3.48	7.16	1.80	5.07	9.40	4.04	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	3.44	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. 9. in open ground.

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
1931.			Briton Ferry	1500'	E	St. Clements	1333'	S.E.
			"	$\frac{3}{4}$ m.	W.	"	$\frac{3}{4}$ m	N.W.
1940			Briton Ferry G.W.R.	1500'	E	St. Clements	1333	S.E.

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



Station No. 4242RAINFALL at Briton Ferry (Glyn Court)

41

County of GlamorganObserver Borough Engineer, NeathRiver Basin H-neathType of Gauge M.O.Annual Average 47.7 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 766.198.27

Diameter	5				495	709						
Height	10					1						
Altitude	503					41	X					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.55	5.31	7.77	5.27	4.70	5.46	3.46	9.91	2.29	1.46	49.18	
February	4.66	4.1	2.96	1.93	6.42	4.23	.93	2.49	2.12	5.97	32.12	
March	1.95	3.85	1.52	.65	2.46	1.43	9.18	2.18	2.94	2.75	28.96	
April	1.60	1.64	1.52	4.05	2.49	1.99	3.12	2.61	3.52	3.54	26.08	
May	2.39	6.69	4.00	1.65	3.92	3.56	3.13	2.88	4.08	1.94	34.24	
June	1.51	.40	4.98	3.69	5.80	5.94	2.52	5.61	.66	2.32	33.43	
July	3.86	5.27	4.02	4.33	5.58	4.25	4.56	3.02	1.14	5.55	41.58	
August	6.36	5.19	5.61	3.94	3.70	7.29	.87	9.02	3.07	9.28	54.33	
September	.62	4.08	7.24	5.17	3.78	8.49	2.94	5.32	2.27	8.79	48.70	
October	4.19	4.63	4.93	6.92	6.55	1.82	1.59	5.42	8.57	3.96	48.58	
November	2.68	1.04	2.86	3.73	.79	8.38	5.32	3.48	7.30	6.68	48.26	
December	4.14	7.64	2.64	4.80	7.62	4.71	5.20	6.20	5.98	3.50	52.43	
TOTALS	37.51	46.15	50.05	52.13	53.81	57.60	42.82	58.14	43.94	55.74	497.89	38

1941 Gauge in open ground.

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			Briton Ferry G.W.R.	1500'	E	St Clements	1,333'	S.E.
1949			" "	1 mi.		Briton Ferry	1 mi.	

BRITISH RAINFALL ORGANIZATION

# Air Ministry, Meteorological Office

RAINFALL at

*Briton Ferry (Cefn Cwr)*

Station No. *4042*

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 " "

File No. *1916-50 766198/27 P*

Diameter ...	<i>5"</i>				<i>49.5</i>	<i>70.9</i>						
Height ...	<i>1'-0"</i>					<i>1</i>						
Altitude ...	<i>503'</i>					<i>51</i>						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	<i>7.05</i>	<i>6.31</i>	<i>2.29</i>	<i>4.00</i>	<i>3.63</i>	<i>6.54</i>	<i>4.40</i>	<i>3.80</i>	<i>5.53</i>	<i>5.23</i>	<i>4878</i>	<i>1239.0</i>
February ...	<i>4.66</i>	<i>0.83</i>	<i>3.69</i>	<i>6.12</i>	<i>2.23</i>	<i>0.52</i>	<i>5.50</i>	<i>6.38</i>	<i>5.4</i>	<i>3.97</i>	<i>8164</i>	<i>874.8</i>
March ...	<i>5.35</i>	<i>5.40</i>	<i>3.12</i>	<i>4.38</i>	<i>3.07</i>	<i>1.85</i>	<i>5.99</i>	<i>1.07</i>	<i>5.39</i>	<i>2.38</i>	<i>3800</i>	<i>965.2</i>
April ...	<i>4.01</i>	<i>4.49</i>	<i>3.44</i>	<i>1.55</i>	<i>4.11</i>	<i>2.28</i>	<i>0.66</i>	<i>1.04</i>	<i>4.77</i>	<i>3.36</i>	<i>2971</i>	<i>754.6</i>
May ...	<i>2.95</i>	<i>4.87</i>	<i>3.73</i>	<i>3.23</i>	<i>4.87</i>	<i>1.81</i>	<i>2.40</i>	<i>4.52</i>	<i>1.27</i>	<i>1.65</i>	<i>3130</i>	<i>795.0</i>
June ...	<i>1.88</i>	<i>3.84</i>	<i>2.85</i>	<i>6.58</i>	<i>6.94</i>	<i>2.81</i>	<i>1.56</i>	<i>5.50</i>	<i>3.76</i>	<i>2.61</i>	<i>3553</i>	<i>978.7</i>
July ...	<i>0.97</i>	<i>2.56</i>	<i>7.00</i>	<i>7.06</i>	<i>2.67</i>	<i>4.04</i>	<i>5.15</i>	<i>5.36</i>	<i>3.94</i>	<i>8.02</i>	<i>4677</i>	<i>1183.0</i>
August ...	<i>11.21</i>	<i>8.27</i>	<i>7.19</i>	<i>6.9</i>	<i>0.95</i>	<i>6.67</i>	<i>5.26</i>	<i>6.02</i>	<i>2.21</i>	<i>6.21</i>	<i>6110</i>	<i>1551.9</i>
September ...	<i>5.10</i>	<i>3.39</i>	<i>6.17</i>	<i>6.53</i>	<i>(2.76)</i>	<i>6.29</i>	<i>8.97</i>	<i>10.02</i>	<i>5.3</i>	<i>6.74</i>	<i>5650</i>	<i>1435.1</i>
October ...	<i>0.99</i>	<i>4.66</i>	<i>4.32</i>	<i>9.56</i>	<i>2.93</i>	<i>1.54</i>	<i>5.09</i>	<i>6.20</i>	<i>6.19</i>	<i>6.99</i>	<i>4847</i>	<i>1231.1</i>
November ...	<i>9.59</i>	<i>4.50</i>	<i>5.30</i>	<i>10.81</i>	<i>4.53</i>	<i>1.84</i>	<i>2.41</i>	<i>4.13</i>	<i>8.86</i>	<i>12.64</i>	<i>6461</i>	<i>1644.1</i>
December ...	<i>4.81</i>	<i>5.36</i>	<i>2.18</i>	<i>5.42</i>	<i>8.26</i>	<i>5.99</i>	<i>3.49</i>	<i>4.58</i>	<i>9.86</i>	<i>8.36</i>	<i>4831</i>	<i>1281.1</i>
TOTALS ...	<i>58.57</i>	<i>54.48</i>	<i>51.28</i>	<i>72.15</i>	<i>46.95</i>	<i>42.38</i>	<i>50.88</i>	<i>58.62</i>	<i>53.05</i>	<i>68.16</i>	<i>55652</i>	<i>14135.6</i>
	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>2.8</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		

*95. gauge situated "in open ground"*

*1955 Sept. cont. ext.*

*No Insp.*

00104

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference *SS21/752940*

Date	Lat. N.	Long.	Railway Station	Distance Direction from gauge	Parish Church	Distance Direction from gauge
<i>1951</i>			<i>Briton Ferry</i>	<i>1.500' W.N.</i>	<i>St. Clement's</i>	<i>1.383' W.N.</i>

Summary of Earlier Records from 10-year Sheets:

*1916-50*

*accepted*

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