

RAINFALL at Swansea, Victoria ParkCounty of GlamorganObserver Meteorological OfficeRiver Basin Tawe 3

D.Biss for Swansea Corp. (11)

M.O. Rain Gauge, by _____
N.^o 104

Diameter ...	8											
Height	1	0										
Altitude ...	24			26 m								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19	Means.
January ...	5.39	1.90	5.99	7.27	2.94	5.88	4.35	1.97	5.20	7.02 6.95	18.54	/
February ...	5.26	1.16	3.57	1.99	5.14	6.78	6.00	2.66	3.77	4.82 4.82	14.25	/
March99	2.48	7.76	7.81	7.43	2.21	2.63	2.57	3.12	6.17 6.17	14.49	/
April	2.78	3.83	.18	5.94	1.49	2.16	2.22	2.07	2.62	2.38 2.38	9.29	/
May	2.80	2.60	1.98	3.53	2.94	2.48	3.44	3.00	2.19	1.68 1.68	10.16	/
June	4.57	3.06	5.47	2.77	1.71	2.46	3.70	2.83	1.87	2.09 2.09	10.49	/
July	4.60	2.28	3.95	.71	5.31	5.71	2.06	4.35	4.66	6.2 6.2	11.69	/
August	5.31	4.02	9.07	1.73	5.43	2.43	4.15	9.21	3.46	3.08 3.05	19.90	/
September ..	.28	3.11	.71	2.71	3.72	1.40	3.14	3.44	11.80	2.69 2.67	21.07	/
October ...	3.83	3.22	6.68	5.26	2.42	4.20	11.39	7.83	4.83	2.34 2.34	26.37	/
November ...	5.13	7.47	3.39	8.15	5.89	4.19	4.25	4.18	4.66	3.67 3.67	16.76	/
December ...	7.27	9.14	8.57	2.91	9.83	8.95	3.89	1.14	8.80	8.32 8.32	22.15	/
TOTALS ...	48.36	45.17	57.01	50.78	54.25	48.85	51.20	45.25	56.98	44.73 44.73	198.16	/

1912 Hedge 10 ft high 10 yds N.W.
1713 ground 30 ft \approx

1919 Corrections made for use of inches as unit not mm. xi-xxi BP

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51 36	3 57	Swansea Bay	1 km 350 yds	S W SSW	St. Gabriels	1 1/2 mi 800 yds	N NW

RAINFALL at Swansea (Victoria Pk.)

County of Glamorgan.

Observer Mr. D. Bliss Esq.

River Basin Taff, 3

Superintendent Parks Dept. Swansea

(1926) Gauge off. Rain Gauge by _____

Diameter ...	8 ✓										
Height	10 ✓										
Altitude ...	26 27										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MERAN. 1930
January ...	7.49 7.48	6.29	4.66	3.56	5.87	4.20	8.12	5.64	10.81	3.23	7.93
February ...	1.79 1.82	13	5.10	8.40	6.1	7.38	5.28	4.65	6.22	1.64	0.80
March	5.62 5.52	4.16	3.43	2.42	2.12	1.21	0.94	4.88	4.19	1.82	3.01
April	1.68 1.53	1.13	2.94	3.35	3.77	4.07	2.65	1.94	1.21	1.24	2.90
May	4.05 3.33	1.85	2.34	3.40	3.31	5.94	3.00	2.04	1.14	3.62	2.57
June	3.29 1.98	23	1.35	.86	2.47	.00	2.42	4.28	5.33	2.52	2.40
July	7.90 2.17	2.34	5.59	3.54	7.18	3.21	2.62	4.32	3.53	4.35	4.50
August	2.16 4.91	5.22	4.73	5.13	6.27	8.93	5.43	7.02	4.01	4.21	6.91
September...	4.90 4.87	2.94	4.90	3.71	5.55	5.57	1.75	7.21	1.61	1.11	6.99
October....	4.91 3.32	2.62	1.57	6.23	5.96	6.15	4.13	3.02	10.77	8.11	7.83
November...	3.58 4.92	3.57	2.74	4.66	4.41	4.09	10.55	5.47	6.85	14.72	5.83
December...	4.92 5.813	3.39	5.96	5.24	8.69	4.77	.89	3.65	5.64	9.87	7.53
TOTALS...	57.8 0.1	33.87	45.31	50.50	56.21	55.46	47.78	54.12	61.31	56.47	59.20

1921. Tues Ridge 15 ft. 21st 20 ft. N.W.

1920 counts made 10. XI. 22 for use
of in. rainfall not runs.

BP

Inspected 23. 26. VI. 26. M.D. gauge & hyetograph alongside on grass lawn. S.S.
Somewhat sheltered to N by low wall and angle of 40°. Ridge to south with
rocks beyond. Good position.

1923 Bridge 33 ft high 120 ft E.

Tree 20 ft high 32 ft W.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 36' 48"	3° 57' 37"	Swansea Bay (Z.A.V.R.)	250 yds.	S.E.	St. Gabriel's	1/4 m.	N.W.

RAINFALL at Swansea (Victoria Park) (+A) M.W.R.

County of Glamorgan.

Observer D. Blott. The Town Clerk.

River Basin 3 - Tawe

Type of Gauge

Annual Average 44.7 in. based on 14 years obs un-weighted. Period of average 1931-1945. Ref. S
 Average fits survey map but is not used in B.R. since % values do not fit map.

Diameter	8	Height	10	Altitude	27	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-45 Means Tolls
January	5.36	6.74	2.95	5.17	1.10	6.81	5.96	5.74	7.42	5.29	51.54						
February	5.06	.03	4.75	5.58	4.80	2.32	7.20	2.24	2.83	5.37	35.18						
March	1.13	2.53	2.86	2.99	1.16	3.54	2.166	1.75	1.45	2.98	22.24						
April	3.24	3.36	2.30	3.23	5.98	4.37	3.40	2.23	3.72	3.29	33.12						
May	4.81	5.23	1.72	2.06	2.15	.78	2.27	5.10	1.20	1.59	26.61						
June	4.02	2.94	2.21	1.97	4.83	2.62	1.50	2.67	2.13	1.46	25.65						
July	8.00	4.07	2.08	1.00	.59	7.72	2.74	3.56	8.07	3.21	43.04						
August	3.94	1.01	1.59	3.37	1.81	1.60	1.43	4.61	3.58	.33	23.27						
September	3.01	6.41	1.50	4.05	7.33	4.45	3.52	2.51	.46	2.87	35.81						
October	1.76	9.44	8.82	3.34	6.81	2.27	3.66	7.30	2.64	5.56	51.10						
November	9.10	3.24	1.36	1.84	7.80	6.02	2.54	6.94	10.17	8.88	57.89						
December	3.10	3.96	1.77	11.00	5.67	4.23	2.94	4.50	3.52	4.00	42.69						
TOTALS	52.23	47.96	35.90	40.60	47.23	44.67	39.82	46.15	48.19	43.33	448.14	37					
D.	47.96	35.90	40.60	D.	47.23	44.67	39.82	D.	D.	D.	D.	X					

Inspected 14/5/34 Size changes twice since last inspection (1927)
 Overgrown. Outer rim of gauge damaged
 New sit or turf wall recommended.

Inspected 24/6/39. Gauge set up in pit 18' across 13½" deep. No turf wall.

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. 4038

RAINFALL at Swansea (Victoria Park) (M.W.B. 268) 41

County of Glamorgan

Observer The Town Clerk

River Basin E - Tawe

Type of Gauge (+ A)

Annual Average 44.6 in. based on 14 years obs. un-weighted. Period of average 1881-1915. Ref. S.

Average fits survey map but is not used in B.R. since % File No.

Values do not fit maps

Diameter	8				497	184					
Height	1	0					1				
Altitude		32					41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means Total
January	3.94	5.21	6.94	4.21	4.39	4.95	3.48	8.64	9.26	1.36	45.38
February	4.62	4.8	2.49	1.34	4.91	3.33	.90	1.98	2.12	6.84	29.01
March	2.48	3.33	1.50	.51	2.01	1.21	3.44	1.81	2.53	2.00	25.82
April	1.16	1.21	1.25	3.30	2.43	1.47	2.81	2.22	3.23	2.80	21.89
May	2.18	6.21	3.65	1.19	4.00	3.47	2.76	2.83	3.16	2.00	31.45
June	.98	7.0	3.65	2.78	4.94	+81	1.72	4.04	.26	1.89	25.77
July	3.24	3.93	3.29	2.31	3.82	2.40	3.60	2.74	1.29	1.04	30.66
August	5.03	4.09	5.12	3.26	3.34	6.86	.39	6.62	2.71	7.47	44.89
September	.40	3.26	6.07	4.5	3.14	6.71	2.09	4.47	2.39	8.62	47.72
October	3.38	4.36	4.14	5.32	4.74	2.47	1.28	4.96	8.78	3.86	43.29
November	2.14	7.5	2.79	3.26	.65	6.53	4.43	3.21	6.18	6.63	42.57
December	3.90	5.80	2.50	4.37	7.82	4.74	4.62	6.84	5.11	3.84	49.54
TOTALS	33.45	39.33	43.39	42.42	46.19	48.95	36.52	50.36	40.02	51.35	431.98

Note from previous 10 yr book. Required 24/6/39. Gauge sitting in pit 18" across 13½" deep. Not in wall.
11/5/50. Gage. Mr E. Evans. Enclosure 10 by 18". Sink 18" below surrounding ground.

Sun'd by placing 5' high & 6" apart.

Gauge 12' from 3' hedge on S.

2' from 5' wire cage on S.

Recorded that enc. be lengthened by 10' and levelled. Gauge to be moved to E.

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.

Air Ministry, Meteorological Office

Station No. 4038

RAINFALL at Swansea (Victoria Park) m.w.r. 268

County of Glamorgan.

Observer The Lewis Clark

River Basin 3 - Tawe A.

Type of Gauge _____

Annual Average 44.4 in. based on 14 years obs. unweighted. Period of average 1881 - 1955

" " 42.99 " 35 " 1916 - 50 " " Ref. S.
" " 11 " " 1941 - 54 " " File No. P.

Diameter ...	<u>8"</u>		<u>497</u>	<u>134</u>							
Height ...	<u>1-0</u>					<u>1</u>					
Altitude ...	<u>33'</u>					<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	<u>6.95</u>	<u>5.71</u>	<u>1.69</u>	<u>3.34</u>	<u>3.06</u>	<u>6.28</u>	<u>3.89</u>	<u>4.30</u>	<u>4.99</u>	<u>5.86</u>	<u>4607</u>
February ...	<u>4.23</u>	<u>0.91</u>	<u>2.88</u>	<u>5.96</u>	<u>3.28</u>	<u>0.38</u>	<u>3.96</u>	<u>5.49</u>	<u>0.20</u>	<u>5.09</u>	<u>3238</u>
March ...	<u>6.44</u>	<u>4.45</u>	<u>2.96</u>	<u>3.33</u>	<u>3.15</u>	<u>1.66</u>	<u>5.47</u>	<u>1.13</u>	<u>4.28</u>	<u>2.03</u>	<u>3690</u>
April ...	<u>3.82</u>	<u>3.55</u>	<u>3.09</u>	<u>1.04</u>	<u>3.48</u>	<u>1.56</u>	<u>0.50</u>	<u>.68</u>	<u>3.59</u>	<u>3.52</u>	<u>2186</u>
May ...	<u>2.79</u>	<u>3.48</u>	<u>3.64</u>	<u>2.82</u>	<u>4.45</u>	<u>1.28</u>	<u>1.75</u>	<u>3.78</u>	<u>1.26</u>	<u>1.62</u>	<u>2687</u>
June ...	<u>1.01</u>	<u>2.81</u>	<u>2.30</u>	<u>4.51</u>	<u>5.36</u>	<u>2.48</u>	<u>1.46</u>	<u>4.65</u>	<u>3.85</u>	<u>1.93</u>	<u>2046</u>
July ...	<u>0.79</u>	<u>1.68</u>	<u>5.86</u>	<u>5.09</u>	<u>0.68</u>	<u>14.19</u>	<u>4.12</u>	<u>6.20</u>	<u>2.80</u>	<u>6.43</u>	<u>3784</u>
August ...	<u>6.07</u>	<u>6.24</u>	<u>6.04</u>	<u>4.74</u>	<u>0.82</u>	<u>6.13</u>	<u>3.79</u>	<u>4.66</u>	<u>1.85</u>	<u>5.37</u>	<u>4571</u>
September ...	<u>4.37</u>	<u>2.33</u>	<u>4.89</u>	<u>5.87</u>	<u>2.25</u>	<u>3.55</u>	<u>9.08</u>	<u>8.54</u>	<u>5.4</u>	<u>5.84</u>	<u>4926</u>
October ...	<u>1.22</u>	<u>4.27</u>	<u>3.59</u>	<u>8.03</u>	<u>2.27</u>	<u>1.42</u>	<u>4.82</u>	<u>4.54</u>	<u>6.67</u>	<u>7.08</u>	<u>11391</u>
November ...	<u>8.86</u>	<u>4.27</u>	<u>4.70</u>	<u>9.45</u>	<u>4.06</u>	<u>1.12</u>	<u>3.16</u>	<u>3.75</u>	<u>7.70</u>	<u>10.42</u>	<u>5709</u>
December ...	<u>4.50</u>	<u>4.73</u>	<u>1.65</u>	<u>3.25</u>	<u>6.96</u>	<u>3.54</u>	<u>2.89</u>	<u>4.49</u>	<u>8.66</u>	<u>6.04</u>	<u>5071</u>
TOTALS ...	<u>51.05</u>	<u>44.43</u>	<u>43.29</u>	<u>59.46</u>	<u>39.82</u>	<u>37.59</u>	<u>44.89</u>	<u>52.25</u>	<u>46.39</u>	<u>61.29</u>	<u>48016</u>

1955 Inspected Mr. Sanders (4/55) satisfactory.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 89/21/642923

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge

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
	✓	✓	✓	✓	✓

DBWT 10.12 + 18.8m.s.